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# RISK ANALYSIS IN SUPPORT OF THE CHEMICAL STOCKPILE DISPOSAL PROGRAM

## CONSEQUENCE DATA

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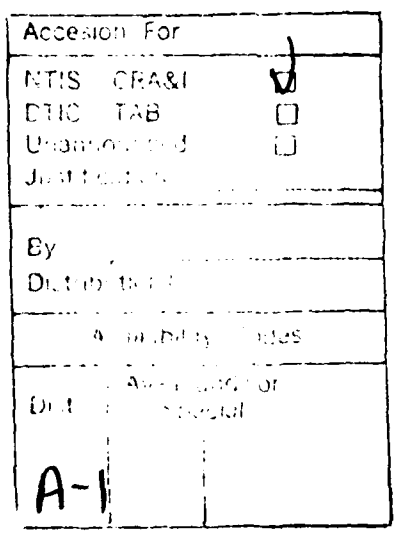
PROGRAM EXECUTIVE OFFICER-PROGRAM MANAGER
FOR CHEMICAL DEMILITARIZATION

ABERDEEN PROVING GROUND, MARYLAND 21010-5401

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# RISK ANALYSIS SUPPORTING THE CHEMICAL STOCKPILE DISPOSAL PROGRAM (CSDP)

## VOLUME 2: Consequence Data




**17 December 1987**



**MITRE**

# RISK ANALYSIS SUPPORTING THE CHEMICAL STOCKPILE DISPOSAL PROGRAM (CSDP)

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17 December 1987

**MTR-87W00230**
Volume 2: Consequence Data

SPONSOR:
**U.S. Army, Office of The Program Executive Officer**
**Program Manager for Chemical Demilitarization**
CONTRACT:
DAAA15-86-D-0012

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McLean, VA 22102

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# ACTIVITY CODE: AF

# AIR TRANSPORTATION (C5), IN-FLIGHT

Report for file CNSAF

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AFKHC | 1 | 0.75 | 3.01 | 0.00 | 0.00 | 0.15 | 1.79 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFPHC | 1 | 1.53 | 6.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.41 | 4.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFPVC | 1 | 5.76 | 23.98 | 0.00 | 0.00 | 0.00 | 0.00 | 11.56 | 196.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFQGC | 1 | 13.40 | 64.05 | 0.00 | 0.00 | 0.00 | 0.00 | 53.08 | 1204.39 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFQVC | 1 | 6.63 | 28.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFRGC | 1 | 10.86 | 49.69 | 0.00 | 0.00 | 0.00 | 0.00 | 53.08 | 196.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFRVC | 1 | 5.14 | 20.93 | 0.00 | 0.00 | 0.00 | 0.00 | 11.56 | 196.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFKHF | 2 | 1.21 | 5.20 | 0.00 | 0.00 | 0.61 | 7.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFPHC | 2 | 1.95 | 9.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.41 | 4.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFPVC | 2 | 7.51 | 32.82 | 0.00 | 0.00 | 0.00 | 0.00 | 11.56 | 196.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFQGC | 2 | 8.80 | 38.64 | 0.00 | 0.00 | 0.00 | 0.00 | 11.56 | 196.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFQVC | 2 | 8.64 | 38.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFRGC | 2 | 7.07 | 29.79 | 0.00 | 0.00 | 0.00 | 0.00 | 11.56 | 196.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFRVC | 2 | 6.71 | 28.74 | 0.00 | 0.00 | 0.00 | 0.00 | 11.56 | 196.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFKHF | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFPHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFPVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFQGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFQVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFRGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFRVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFKHF | 4 | 1.21 | 5.20 | 0.00 | 0.00 | 0.61 | 7.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFPHC | 4 | 1.95 | 9.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.41 | 4.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFPVC | 4 | 7.51 | 32.82 | 0.00 | 0.00 | 0.00 | 0.00 | 11.56 | 196.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFQGC | 4 | 8.80 | 38.64 | 0.00 | 0.00 | 0.00 | 0.00 | 11.56 | 196.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFQVC | 4 | 8.64 | 38.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFRGC | 4 | 7.07 | 29.79 | 0.00 | 0.00 | 0.00 | 0.00 | 11.56 | 196.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFRVC | 4 | 6.71 | 28.74 | 0.00 | 0.00 | 0.00 | 0.00 | 11.56 | 196.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFKHF | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFPHC | 5 | 0.16 | 0.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFPVC | 5 | 0.73 | 2.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 1.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFQGC | 5 | 2.41 | 8.58 | 0.00 | 0.00 | 0.00 | 0.00 | 2.57 | 4.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFQVC | 5 | 1.11 | 3.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFRGC | 5 | 6.27 | 25.83 | 0.00 | 0.00 | 0.00 | 0.00 | 11.56 | 196.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFRVC | 5 | 1.84 | 6.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.41 | 4.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSAF

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AFKHC | 1 | 0.000 | 0.000 | 2.436 | 0.000 | 0.000 | 2.436 | 2.436 | 1440 | OP | 0.750 | 3.010 | 0.610 | 2.290 | 0.180 | 0.590 |
| AFPHC | 1 | 0.000 | 2.954 | 2.238 | 0.000 | 0.000 | 3.030 | 3.030 | 1440 | OP | 1.530 | 6.820 | 1.240 | 5.120 | 0.380 | 1.370 |
| AFPVC | 1 | 3.333 | 2.664 | 0.000 | -0.488 | -0.350 | 2.664 | 2.664 | 1440 | OP | 5.760 | 23.980 | 4.390 | 17.670 | 1.790 | 6.010 |
| AFQGC | 1 | 0.000 | 2.797 | 3.466 | 0.000 | 0.000 | 3.550 | 3.550 | 1200 | OP | 13.400 | 64.050 | 10.250 | 47.420 | 4.500 | 16.240 |
| AFQVC | 1 | 3.466 | 2.797 | 0.000 | -0.368 | -0.227 | 2.797 | 2.797 | 1440 | OP | 6.630 | 28.310 | 5.050 | 20.820 | 2.070 | 7.030 |
| AFRGC | 1 | 0.000 | 2.586 | 3.255 | 0.000 | 0.000 | 3.339 | 3.339 | 1200 | OP | 10.860 | 49.690 | 8.290 | 36.740 | 3.570 | 12.570 |
| AFRVC | 1 | 3.225 | 2.556 | 0.000 | -0.585 | -0.449 | 2.556 | 2.556 | 1440 | OP | 5.140 | 20.930 | 3.920 | 15.450 | 1.580 | 5.280 |
| AFKHF | 2 | 0.000 | 0.000 | 2.833 | 0.000 | 0.000 | 2.833 | 2.833 | 60 | OP | 1.210 | 5.200 | 0.980 | 3.910 | 0.300 | 1.030 |
| AFPHC | 2 | 0.000 | 3.175 | 2.351 | 0.000 | 0.000 | 3.236 | 3.236 | 20 | OP | 1.950 | 9.060 | 1.580 | 6.770 | 0.500 | 1.820 |
| AFPVC | 2 | 0.000 | 2.885 | 1.760 | 0.000 | 0.000 | 2.916 | 2.916 | 20 | OP | 7.510 | 32.820 | 5.710 | 24.100 | 2.370 | 8.100 |
| AFQGC | 2 | 0.000 | 3.019 | 2.496 | 0.000 | 0.000 | 3.133 | 3.133 | 20 | OP | 8.800 | 38.640 | 6.710 | 28.570 | 2.840 | 9.810 |
| AFQVC | 2 | 0.000 | 3.019 | 1.894 | 0.000 | 0.000 | 3.050 | 3.050 | 20 | OP | 8.640 | 38.700 | 6.560 | 28.390 | 2.750 | 9.510 |
| AFRGC | 2 | 0.000 | 2.808 | 2.285 | 0.000 | 0.000 | 2.922 | 2.922 | 20 | OP | 7.070 | 29.790 | 5.400 | 22.060 | 2.240 | 7.620 |
| AFRVC | 2 | 0.000 | 2.778 | 1.653 | 0.000 | 0.000 | 2.809 | 2.809 | 20 | OP | 6.710 | 28.740 | 5.110 | 21.130 | 2.100 | 7.140 |
| AFKHF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFPHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFPVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFQGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFQVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFRGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFRVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFKHF | 4 | 0.000 | 0.000 | 2.833 | 0.000 | 0.000 | 2.833 | 2.833 | 60 | OP | 1.210 | 5.200 | 0.980 | 3.910 | 0.300 | 1.030 |
| AFPHC | 4 | 0.000 | 3.175 | 2.351 | 0.000 | 0.000 | 3.236 | 3.236 | 20 | OP | 1.950 | 9.060 | 1.580 | 6.770 | 0.500 | 1.820 |
| AFPVC | 4 | 0.000 | 2.885 | 1.760 | 0.000 | 0.000 | 2.916 | 2.916 | 20 | OP | 7.510 | 32.820 | 5.710 | 24.100 | 2.370 | 8.100 |
| AFQGC | 4 | 0.000 | 3.019 | 2.496 | 0.000 | 0.000 | 3.133 | 3.133 | 20 | OP | 8.800 | 38.640 | 6.710 | 28.570 | 2.840 | 9.810 |
| AFQVC | 4 | 0.000 | 3.019 | 1.894 | 0.000 | 0.000 | 3.050 | 3.050 | 20 | OP | 8.640 | 38.700 | 6.560 | 28.390 | 2.750 | 9.510 |
| AFRGC | 4 | 0.000 | 2.808 | 2.285 | 0.000 | 0.000 | 2.922 | 2.922 | 20 | OP | 7.070 | 29.790 | 5.400 | 22.060 | 2.240 | 7.620 |
| AFRVC | 4 | 0.000 | 2.778 | 1.653 | 0.000 | 0.000 | 2.809 | 2.809 | 20 | OP | 6.710 | 28.740 | 5.110 | 21.130 | 2.100 | 7.140 |
| AFKHF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFPHC | 5 | 0.000 | 1.079 | 0.378 | 0.000 | 0.000 | 1.158 | 1.158 | 1440 | OP | 0.160 | 0.520 | 0.120 | 0.410 | 0.040 | 0.100 |
| AFPVC | 5 | 1.477 | 0.778 | 0.000 | -2.158 | -2.044 | 0.779 | 0.779 | 1440 | OP | 0.730 | 2.140 | 0.550 | 1.630 | 0.200 | 0.610 |
| AFQGC | 5 | 0.000 | 1.146 | 1.857 | 0.000 | 0.000 | 1.934 | 1.934 | 1200 | OP | 2.410 | 8.580 | 1.870 | 6.480 | 0.730 | 2.350 |
| AFQVC | 5 | 1.857 | 1.146 | 0.000 | -1.816 | -1.702 | 1.146 | 1.147 | 1440 | OP | 1.110 | 3.420 | 0.840 | 2.600 | 0.310 | 0.960 |
| AFRGC | 5 | 0.000 | 1.633 | 2.777 | 0.000 | 0.000 | 2.807 | 2.807 | 1200 | OP | 6.270 | 25.830 | 4.790 | 19.160 | 1.970 | 6.640 |
| AFRVC | 5 | 2.748 | 1.602 | 0.000 | -1.014 | -0.889 | 1.603 | 1.603 | 1440 | OP | 1.840 | 6.170 | 1.400 | 4.650 | 0.530 | 1.690 |

Report for file CNSAF

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AFKHC | 1 | 0.75 | 3.01 | 0.00 | 0.00 | 410.48 | 3440.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFPHC | 1 | 1.53 | 6.82 | 0.00 | 0.00 | 0.00 | 0.00 | 306.46 | 2272.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFPVC | 1 | 5.76 | 23.98 | 0.00 | 0.00 | 0.00 | 0.00 | 4140.81 | 23370.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFQGC | 1 | 13.40 | 64.05 | 0.00 | 0.00 | 0.00 | 0.00 | 13377.5 | 73116.4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFQVC | 1 | 6.63 | 28.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFRGC | 1 | 10.86 | 49.69 | 0.00 | 0.00 | 0.00 | 0.00 | 13377.5 | 23370.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFRVC | 1 | 5.14 | 20.93 | 0.00 | 0.00 | 0.00 | 0.00 | 4140.81 | 23370.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFKHF | 2 | 1.21 | 5.20 | 0.00 | 0.00 | 801.10 | 7645.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFPHC | 2 | 1.95 | 9.06 | 0.00 | 0.00 | 0.00 | 0.00 | 306.46 | 2272.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFPVC | 2 | 7.51 | 32.82 | 0.00 | 0.00 | 0.00 | 0.00 | 4140.81 | 23370.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFQGC | 2 | 8.80 | 38.64 | 0.00 | 0.00 | 0.00 | 0.00 | 4140.81 | 23370.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFQVC | 2 | 8.64 | 38.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFRGC | 2 | 7.07 | 29.79 | 0.00 | 0.00 | 0.00 | 0.00 | 4140.81 | 23370.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFRVC | 2 | 6.71 | 28.74 | 0.00 | 0.00 | 0.00 | 0.00 | 4140.81 | 23370.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFKHF | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFPHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFPVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFQGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFQVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFRGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFRVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFKHF | 4 | 1.21 | 5.20 | 0.00 | 0.00 | 801.10 | 7645.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFPHC | 4 | 1.95 | 9.06 | 0.00 | 0.00 | 0.00 | 0.00 | 306.46 | 2272.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFPVC | 4 | 7.51 | 32.82 | 0.00 | 0.00 | 0.00 | 0.00 | 4140.81 | 23370.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFQGC | 4 | 8.80 | 38.64 | 0.00 | 0.00 | 0.00 | 0.00 | 4140.81 | 23370.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFQVC | 4 | 8.64 | 38.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFRGC | 4 | 7.07 | 29.79 | 0.00 | 0.00 | 0.00 | 0.00 | 4140.81 | 23370.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFRVC | 4 | 6.71 | 28.74 | 0.00 | 0.00 | 0.00 | 0.00 | 4140.81 | 23370.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFKHF | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFPHC | 5 | 0.16 | 0.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 99.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFPVC | 5 | 0.73 | 2.14 | 0.00 | 0.00 | 0.00 | 0.00 | 101.02 | 893.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFQGC | 5 | 2.41 | 8.58 | 0.00 | 0.00 | 0.00 | 0.00 | 1147.73 | 2272.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFQVC | 5 | 1.11 | 3.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFRGC | 5 | 6.27 | 25.83 | 0.00 | 0.00 | 0.00 | 0.00 | 4140.81 | 23370.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AFRVC | 5 | 1.84 | 6.17 | 0.00 | 0.00 | 0.00 | 0.00 | 306.46 | 2272.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSAF

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AFKHC | 1 | 0.750 | 0.050 | 0.730 | 0.480 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFPHC | 1 | 1.530 | 0.190 | 0.870 | 0.740 | 0.430 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFPVC | 1 | 5.760 | 2.360 | 0.970 | 0.940 | 0.860 | 0.720 | 0.460 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFQGC | 1 | 13.400 | 11.750 | 0.990 | 0.980 | 0.940 | 0.890 | 0.780 | 0.460 | 0.030 | 0.000 | 0.000 | 0.000 |
| AFQVC | 1 | 6.630 | 3.080 | 0.980 | 0.950 | 0.880 | 0.760 | 0.520 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFRGC | 1 | 10.860 | 7.880 | 0.990 | 0.970 | 0.930 | 0.860 | 0.720 | 0.350 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFRVC | 1 | 5.140 | 1.900 | 0.970 | 0.940 | 0.840 | 0.680 | 0.410 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFKHF | 2 | 1.210 | 0.120 | 0.830 | 0.670 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFPHC | 2 | 1.950 | 0.300 | 0.900 | 0.800 | 0.500 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFPVC | 2 | 7.510 | 3.910 | 0.980 | 0.960 | 0.890 | 0.790 | 0.580 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFQGC | 2 | 8.800 | 5.280 | 0.980 | 0.960 | 0.910 | 0.820 | 0.650 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFQVC | 2 | 8.640 | 5.110 | 0.980 | 0.960 | 0.910 | 0.820 | 0.640 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFRGC | 2 | 7.070 | 3.490 | 0.980 | 0.960 | 0.890 | 0.780 | 0.550 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFRVC | 2 | 6.710 | 3.160 | 0.980 | 0.950 | 0.880 | 0.760 | 0.520 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFKHF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFPHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFPVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFQGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFQVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFRGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFRVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFKHF | 4 | 1.210 | 0.120 | 0.830 | 0.670 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFPHC | 4 | 1.950 | 0.300 | 0.900 | 0.800 | 0.500 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFPVC | 4 | 7.510 | 3.910 | 0.980 | 0.960 | 0.890 | 0.790 | 0.580 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFQGC | 4 | 8.800 | 5.280 | 0.980 | 0.960 | 0.910 | 0.820 | 0.650 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFQVC | 4 | 8.640 | 5.110 | 0.980 | 0.960 | 0.910 | 0.820 | 0.640 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFRGC | 4 | 7.070 | 3.490 | 0.980 | 0.960 | 0.890 | 0.780 | 0.550 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFRVC | 4 | 6.710 | 3.160 | 0.980 | 0.950 | 0.880 | 0.760 | 0.520 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFKHF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFPHC | 5 | 0.160 | 0.000 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFPVC | 5 | 0.730 | 0.050 | 0.750 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFQGC | 5 | 2.410 | 0.450 | 0.930 | 0.860 | 0.660 | 0.380 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFQVC | 5 | 1.110 | 0.100 | 0.840 | 0.670 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFRGC | 5 | 6.270 | 2.770 | 0.970 | 0.950 | 0.870 | 0.750 | 0.500 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFRVC | 5 | 1.840 | 0.270 | 0.910 | 0.810 | 0.530 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSAF

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AFKHC | 1 | 3.010 | 0.380 | 0.920 | 0.830 | 0.580 | 0.380 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFPHC | 1 | 6.820 | 1.680 | 0.960 | 0.930 | 0.820 | 0.630 | 0.420 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFPVC | 1 | 23.980 | 16.110 | 0.990 | 0.980 | 0.960 | 0.920 | 0.830 | 0.580 | 0.330 | 0.010 | 0.000 | 0.000 |
| AFQGC | 1 | 64.050 | 94.450 | 1.000 | 0.990 | 0.980 | 0.970 | 0.940 | 0.850 | 0.690 | 0.440 | 0.010 | 0.000 |
| AFQVC | 1 | 28.310 | 21.730 | 0.990 | 0.990 | 0.960 | 0.930 | 0.860 | 0.640 | 0.390 | 0.040 | 0.000 | 0.000 |
| AFRGC | 1 | 49.690 | 59.800 | 1.000 | 0.990 | 0.980 | 0.960 | 0.920 | 0.800 | 0.600 | 0.350 | 0.000 | 0.000 |
| AFRVC | 1 | 20.930 | 12.610 | 0.990 | 0.980 | 0.950 | 0.910 | 0.810 | 0.530 | 0.270 | 0.000 | 0.000 | 0.000 |
| AFKHF | 2 | 5.200 | 1.030 | 0.950 | 0.900 | 0.760 | 0.520 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFPHC | 2 | 9.060 | 2.790 | 0.970 | 0.950 | 0.860 | 0.730 | 0.480 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFPVC | 2 | 32.820 | 28.350 | 0.990 | 0.990 | 0.970 | 0.940 | 0.880 | 0.690 | 0.440 | 0.140 | 0.000 | 0.000 |
| AFQGC | 2 | 38.640 | 38.020 | 0.990 | 0.990 | 0.970 | 0.950 | 0.900 | 0.750 | 0.490 | 0.230 | 0.000 | 0.000 |
| AFQVC | 2 | 38.700 | 38.140 | 0.990 | 0.990 | 0.970 | 0.950 | 0.890 | 0.740 | 0.490 | 0.230 | 0.000 | 0.000 |
| AFRGC | 2 | 29.790 | 23.810 | 0.990 | 0.990 | 0.970 | 0.930 | 0.870 | 0.670 | 0.420 | 0.080 | 0.000 | 0.000 |
| AFRVC | 2 | 28.740 | 22.320 | 0.990 | 0.990 | 0.960 | 0.930 | 0.860 | 0.650 | 0.400 | 0.050 | 0.000 | 0.000 |
| AFKHF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFPHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFPVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFQGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFQVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFRGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFRVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFKHF | 4 | 5.200 | 1.030 | 0.950 | 0.900 | 0.760 | 0.520 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFPHC | 4 | 9.060 | 2.790 | 0.970 | 0.950 | 0.860 | 0.730 | 0.480 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFPVC | 4 | 32.820 | 28.350 | 0.990 | 0.990 | 0.970 | 0.940 | 0.880 | 0.690 | 0.440 | 0.140 | 0.000 | 0.000 |
| AFQGC | 4 | 38.640 | 38.020 | 0.990 | 0.990 | 0.970 | 0.950 | 0.900 | 0.750 | 0.490 | 0.230 | 0.000 | 0.000 |
| AFQVC | 4 | 38.700 | 38.140 | 0.990 | 0.990 | 0.970 | 0.950 | 0.890 | 0.740 | 0.490 | 0.230 | 0.000 | 0.000 |
| AFRGC | 4 | 29.790 | 23.810 | 0.990 | 0.990 | 0.970 | 0.930 | 0.870 | 0.670 | 0.420 | 0.080 | 0.000 | 0.000 |
| AFRVC | 4 | 28.740 | 22.320 | 0.990 | 0.990 | 0.960 | 0.930 | 0.860 | 0.650 | 0.400 | 0.050 | 0.000 | 0.000 |
| AFKHF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFPHC | 5 | 0.520 | 0.020 | 0.500 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFPVC | 5 | 2.140 | 0.210 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFQGC | 5 | 8.580 | 2.530 | 0.980 | 0.960 | 0.890 | 0.790 | 0.570 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFQVC | 5 | 3.420 | 0.480 | 0.950 | 0.900 | 0.740 | 0.490 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| AFRGC | 5 | 25.830 | 18.420 | 0.990 | 0.980 | 0.960 | 0.920 | 0.850 | 0.620 | 0.370 | 0.010 | 0.000 | 0.000 |
| AFRVC | 5 | 6.170 | 1.400 | 0.970 | 0.940 | 0.850 | 0.700 | 0.450 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |

# ACTIVITY CODE: AL

# AIR TRANSPORTATION (C5), LANDING

Report for file CNSAL

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ALKHC | 1 | 0.000 | 0.000 | 2.436 | 0.000 | 0.000 | 2.436 | 2.436 | 1440 | OP | 0.750 | 3.010 | 0.610 | 2.290 | 0.180 | 0.590 |
| ALPHC | 1 | 0.000 | 2.954 | 2.238 | 0.000 | 0.000 | 3.030 | 3.030 | 1440 | OP | 1.530 | 6.820 | 1.240 | 5.120 | 0.380 | 1.370 |
| ALPVC | 1 | 3.333 | 2.664 | 0.000 | -0.488 | -0.350 | 2.664 | 2.664 | 1440 | OP | 5.760 | 23.980 | 4.390 | 17.670 | 1.790 | 6.010 |
| ALQGC | 1 | 0.000 | 2.797 | 3.466 | 0.000 | 0.000 | 3.550 | 3.550 | 1200 | OP | 13.400 | 64.050 | 10.250 | 47.420 | 4.500 | 16.240 |
| ALQVC | 1 | 3.466 | 2.797 | 0.000 | -0.368 | -0.227 | 2.797 | 2.797 | 1440 | OP | 6.630 | 28.310 | 5.050 | 20.820 | 2.070 | 7.030 |
| ALRGC | 1 | 0.000 | 2.586 | 3.255 | 0.000 | 0.000 | 3.339 | 3.339 | 1200 | OP | 10.860 | 49.690 | 8.290 | 36.740 | 3.570 | 12.570 |
| ALRVC | 1 | 3.225 | 2.556 | 0.000 | -0.585 | -0.449 | 2.556 | 2.556 | 1440 | OP | 5.140 | 20.930 | 3.920 | 15.450 | 1.580 | 5.280 |
| ALKHF | 2 | 0.000 | 0.000 | 2.833 | 0.000 | 0.000 | 2.833 | 2.833 | 60 | OP | 1.210 | 5.200 | 0.980 | 3.910 | 0.300 | 1.030 |
| ALPHC | 2 | 0.000 | 3.175 | 2.351 | 0.000 | 0.000 | 3.236 | 3.236 | 20 | OP | 1.950 | 9.060 | 1.580 | 6.770 | 0.500 | 1.820 |
| ALPVC | 2 | 0.000 | 2.885 | 1.760 | 0.000 | 0.000 | 2.916 | 2.916 | 20 | OP | 7.510 | 32.820 | 5.710 | 24.100 | 2.370 | 8.100 |
| ALQGC | 2 | 0.000 | 3.019 | 2.496 | 0.000 | 0.000 | 3.133 | 3.133 | 20 | OP | 8.800 | 38.640 | 6.710 | 28.570 | 2.840 | 9.810 |
| ALQVC | 2 | 0.000 | 3.019 | 1.894 | 0.000 | 0.000 | 3.050 | 3.050 | 20 | OP | 8.640 | 38.700 | 6.560 | 28.390 | 2.750 | 9.510 |
| ALRGC | 2 | 0.000 | 2.808 | 2.285 | 0.000 | 0.000 | 2.922 | 2.922 | 20 | OP | 7.070 | 29.790 | 5.400 | 22.060 | 2.240 | 7.620 |
| ALRVC | 2 | 0.000 | 2.778 | 1.653 | 0.000 | 0.000 | 2.809 | 2.809 | 20 | OP | 6.710 | 28.740 | 5.110 | 21.130 | 2.100 | 7.140 |
| ALKHF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALPHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALPVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALQGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALQVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALRGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALRVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALKHF | 4 | 0.000 | 0.000 | 2.833 | 0.000 | 0.000 | 2.833 | 2.833 | 60 | OP | 1.210 | 5.200 | 0.980 | 3.910 | 0.300 | 1.030 |
| ALPHC | 4 | 0.000 | 3.175 | 2.351 | 0.000 | 0.000 | 3.236 | 3.236 | 20 | OP | 1.950 | 9.060 | 1.580 | 6.770 | 0.500 | 1.820 |
| ALPVC | 4 | 0.000 | 2.885 | 1.760 | 0.000 | 0.000 | 2.916 | 2.916 | 20 | OP | 7.510 | 32.820 | 5.710 | 24.100 | 2.370 | 8.100 |
| ALQGC | 4 | 0.000 | 3.019 | 2.496 | 0.000 | 0.000 | 3.133 | 3.133 | 20 | OP | 8.800 | 38.640 | 6.710 | 28.570 | 2.840 | 9.810 |
| ALQVC | 4 | 0.000 | 3.019 | 1.894 | 0.000 | 0.000 | 3.050 | 3.050 | 20 | OP | 8.640 | 38.700 | 6.560 | 28.390 | 2.750 | 9.510 |
| ALRGC | 4 | 0.000 | 2.808 | 2.285 | 0.000 | 0.000 | 2.922 | 2.922 | 20 | OP | 7.070 | 29.790 | 5.400 | 22.060 | 2.240 | 7.620 |
| ALRVC | 4 | 0.000 | 2.778 | 1.653 | 0.000 | 0.000 | 2.809 | 2.809 | 20 | OP | 6.710 | 28.740 | 5.110 | 21.130 | 2.100 | 7.140 |
| ALKHF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALPHC | 5 | 0.000 | 1.079 | 0.387 | 0.000 | 0.000 | 1.159 | 1.159 | 1440 | OP | 0.160 | 0.520 | 0.130 | 0.410 | 0.040 | 0.100 |
| ALPVC | 5 | 1.477 | 0.778 | 0.000 | -2.158 | -2.044 | 0.779 | 0.779 | 1440 | OP | 0.730 | 2.140 | 0.550 | 1.630 | 0.200 | 0.610 |
| ALQGC | 5 | 0.000 | 1.146 | 1.857 | 0.000 | 0.000 | 1.934 | 1.934 | 1200 | OP | 2.410 | 8.580 | 1.870 | 6.480 | 0.730 | 2.350 |
| ALQVC | 5 | 1.857 | 1.146 | 0.000 | -1.816 | -1.702 | 1.146 | 1.147 | 1440 | OP | 1.110 | 3.420 | 0.840 | 2.600 | 0.310 | 0.960 |
| ALRGC | 5 | 0.000 | 1.633 | 2.777 | 0.000 | 0.000 | 2.807 | 2.807 | 1200 | OP | 6.270 | 25.830 | 4.790 | 19.160 | 1.970 | 6.640 |
| ALRVC | 5 | 2.748 | 1.602 | 0.000 | -1.014 | -0.889 | 1.603 | 1.603 | 1440 | OP | 1.840 | 6.170 | 1.400 | 4.650 | 0.530 | 1.690 |

Report for file CNSAL

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ALKHC | 1 | 9.75 | 3.01 | 0.01 | 0.07 | 0.01 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.07 |
| ALPHC | 1 | 1.53 | 6.82 | 0.03 | 0.26 | 0.00 | 0.00 | 0.03 | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.03 | 0.26 | 0.00 | 0.00 |
| ALPVC | 1 | 5.76 | 23.98 | 0.59 | 51.83 | 0.00 | 0.00 | 0.59 | 51.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 0.59 | 51.83 |
| ALQGC | 1 | 13.40 | 64.05 | 2.42 | 2295.76 | 0.00 | 0.00 | 2.42 | 2295.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 2295.76 | 2.42 | 2295.76 |
| ALQVC | 1 | 6.63 | 28.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 0.59 | 51.83 |
| ALRGC | 1 | 10.86 | 49.69 | 2.42 | 51.83 | 0.00 | 0.00 | 2.42 | 51.83 | 0.00 | 0.00 | 2.42 | 51.83 | 0.00 | 0.00 | 2.42 | 51.83 | 2.42 | 51.83 |
| ALRVC | 1 | 5.14 | 20.93 | 0.59 | 51.83 | 0.00 | 0.00 | 0.59 | 51.83 | 0.00 | 0.00 | 0.59 | 51.83 | 0.00 | 0.00 | 0.59 | 51.83 | 0.59 | 51.83 |
| ALKHF | 2 | 1.21 | 5.20 | 0.03 | 0.26 | 0.03 | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.00 | 0.00 | 0.03 | 0.26 | 0.03 | 0.26 |
| ALPHC | 2 | 1.95 | 9.06 | 0.03 | 0.26 | 0.00 | 0.00 | 0.03 | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.03 | 0.26 | 0.00 | 0.00 |
| ALPVC | 2 | 7.51 | 32.82 | 0.59 | 51.83 | 0.00 | 0.00 | 0.59 | 51.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 0.59 | 51.83 |
| ALQGC | 2 | 8.80 | 38.64 | 0.59 | 51.83 | 0.00 | 0.00 | 0.59 | 51.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 0.59 | 51.83 |
| ALQVC | 2 | 8.64 | 38.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 0.59 | 51.83 |
| ALRGC | 2 | 7.07 | 29.79 | 0.59 | 51.83 | 0.00 | 0.00 | 0.59 | 51.83 | 0.00 | 0.00 | 0.59 | 51.83 | 0.00 | 0.00 | 0.59 | 51.83 | 0.59 | 51.83 |
| ALRVC | 2 | 6.71 | 28.74 | 0.59 | 51.83 | 0.00 | 0.00 | 0.59 | 51.83 | 0.00 | 0.00 | 0.59 | 51.83 | 0.00 | 0.00 | 0.59 | 51.83 | 0.59 | 51.83 |
| ALKHF | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALPHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALPVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALQGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALQVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALRGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALRVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALKHF | 4 | 1.21 | 5.20 | 0.03 | 0.26 | 0.03 | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.00 | 0.00 | 0.03 | 0.26 | 0.03 | 0.26 |
| ALPHC | 4 | 1.95 | 9.06 | 0.03 | 0.26 | 0.00 | 0.00 | 0.03 | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.03 | 0.26 | 0.00 | 0.00 |
| ALPVC | 4 | 7.51 | 32.82 | 0.59 | 51.83 | 0.00 | 0.00 | 0.59 | 51.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 0.59 | 51.83 |
| ALQGC | 4 | 8.80 | 38.64 | 0.59 | 51.83 | 0.00 | 0.00 | 0.59 | 51.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 0.59 | 51.83 |
| ALQVC | 4 | 8.64 | 38.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 0.59 | 51.83 |
| ALRGC | 4 | 7.07 | 29.79 | 0.59 | 51.83 | 0.00 | 0.00 | 0.59 | 51.83 | 0.00 | 0.00 | 0.59 | 51.83 | 0.00 | 0.00 | 0.59 | 51.83 | 0.59 | 51.83 |
| ALRVC | 4 | 6.71 | 28.74 | 0.59 | 51.83 | 0.00 | 0.00 | 0.59 | 51.83 | 0.00 | 0.00 | 0.59 | 51.83 | 0.00 | 0.00 | 0.59 | 51.83 | 0.59 | 51.83 |
| ALKHF | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALPHC | 5 | 0.16 | 0.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALPVC | 5 | 0.73 | 2.14 | 0.01 | 0.07 | 0.00 | 0.00 | 0.01 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.07 |
| ALQGC | 5 | 2.41 | 8.58 | 0.16 | 0.26 | 0.00 | 0.00 | 0.16 | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.16 | 0.26 |
| ALQVC | 5 | 1.11 | 3.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.03 | 0.07 |
| ALRGC | 5 | 6.27 | 25.83 | 0.59 | 51.83 | 0.00 | 0.00 | 0.59 | 51.83 | 0.00 | 0.00 | 0.59 | 51.83 | 0.00 | 0.00 | 0.59 | 51.83 | 0.59 | 51.83 |
| ALRVC | 5 | 1.84 | 6.17 | 0.03 | 0.26 | 0.00 | 0.00 | 0.03 | 0.26 | 0.00 | 0.00 | 0.03 | 0.26 | 0.00 | 0.00 | 0.03 | 0.26 | 0.03 | 0.26 |

Report for file CNSAL

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ALKHC | 1 | 0.75 | 3.01 | 0.04 | 0.17 | 0.04 | 0.17 | 0.00 | 0,00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.00 | 0.00 | 0.04 | 0.17 | 0.04 | 0.17 |
| ALPHC | 1 | 1.53 | 6.82 | 0.08 | 0.42 | 0.00 | 0.00 | 0.08 | 0.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.08 | 0.42 | 0.00 | 0.00 |
| ALPVC | 1 | 5.76 | 23.98 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.79 | 1072.28 |
| ALQGC | 1 | 13.40 | 64.05 | 4.17 | 19811.6 | 0.00 | 0.00 | 4.17 | 19811.6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 19811.6 | 4.17 | 19811.6 |
| ALQVC | 1 | 6.63 | 28.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.79 | 1072.28 |
| ALRGC | 1 | 10.86 | 49.69 | 4.17 | 1072.28 | 0.00 | 0.00 | 4.17 | 1072.28 | 0.00 | 0.00 | 4.17 | 1072.28 | 0.00 | 0.00 | 4.17 | 1072.28 | 4.17 | 1072.28 |
| ALRVC | 1 | 5.14 | 20.93 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.79 | 1072.28 |
| ALKHF | 2 | 1.21 | 5.20 | 0.08 | 0.42 | 0.08 | 0.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.00 | 0.00 | 0.08 | 0.42 | 0.08 | 0.42 |
| ALPHC | 2 | 1.95 | 9.06 | 0.08 | 0.42 | 0.00 | 0.00 | 0.08 | 0.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.08 | 0.42 | 0.00 | 0.00 |
| ALPVC | 2 | 7.51 | 32.82 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.79 | 1072.28 |
| ALQGC | 2 | 8.80 | 38.64 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.79 | 1072.28 |
| ALQVC | 2 | 8.64 | 38.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.79 | 1072.28 |
| ALRGC | 2 | 7.07 | 29.79 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.79 | 1072.28 |
| ALRVC | 2 | 6.71 | 28.74 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.79 | 1072.28 |
| ALKHF | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALPHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALPVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALQGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALQVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALRGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALRVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALKHF | 4 | 1.21 | 5.20 | 0.08 | 0.42 | 0.08 | 0.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.00 | 0.00 | 0.08 | 0.42 | 0.08 | 0.42 |
| ALPHC | 4 | 1.95 | 9.06 | 0.08 | 0.42 | 0.00 | 0.00 | 0.08 | 0.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.08 | 0.42 | 0.00 | 0.00 |
| ALPVC | 4 | 7.51 | 32.82 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.79 | 1072.28 |
| ALQGC | 4 | 8.80 | 38.64 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.79 | 1072.28 |
| ALQVC | 4 | 8.64 | 38.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.79 | 1072.28 |
| ALRGC | 4 | 7.07 | 29.79 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.79 | 1072.28 |
| ALRVC | 4 | 6.71 | 28.74 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.79 | 1072.28 |
| ALKHF | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALPHC | 5 | 0.16 | 0.52 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.03 | 0.00 | 0.00 |
| ALPVC | 5 | 0.73 | 2.14 | 0.04 | 0.17 | 0.00 | 0.00 | 0.04 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.04 | 0.17 |
| ALQGC | 5 | 2.41 | 8.58 | 0.26 | 0.42 | 0.00 | 0.00 | 0.26 | 0.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 0.26 | 0.42 |
| ALQVC | 5 | 1.11 | 3.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.08 | 0.17 |
| ALRGC | 5 | 6.27 | 25.83 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.79 | 1072.28 |
| ALRVC | 5 | 1.84 | 6.17 | 0.08 | 0.42 | 0.00 | 0.00 | 0.08 | 0.42 | 0.00 | 0.00 | 0.08 | 0.42 | 0.00 | 0.00 | 0.08 | 0.42 | 0.08 | 0.42 |

Report for file CNSAL

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ALKHC | 1 | 0.750 | 0.030 | 0.730 | 0.480 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALPHC | 1 | 1.530 | 0.170 | 0.870 | 0.740 | 0.430 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALPVC | 1 | 5.760 | 2.340 | 0.970 | 0.940 | 0.860 | 0.720 | 0.460 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALQGC | 1 | 13.400 | 11.720 | 0.990 | 0.980 | 0.940 | 0.890 | 0.780 | 0.460 | 0.030 | 0.000 | 0.000 | 0.000 |
| ALQVC | 1 | 6.630 | 3.060 | 0.980 | 0.950 | 0.880 | 0.760 | 0.520 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALRGC | 1 | 10.860 | 7.850 | 0.990 | 0.970 | 0.930 | 0.860 | 0.720 | 0.350 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALRVC | 1 | 5.140 | 1.880 | 0.970 | 0.940 | 0.840 | 0.680 | 0.410 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALKHF | 2 | 1.210 | 0.100 | 0.830 | 0.670 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALPHC | 2 | 1.950 | 0.280 | 0.900 | 0.800 | 0.500 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALPVC | 2 | 7.510 | 3.890 | 0.980 | 0.960 | 0.890 | 0.790 | 0.580 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALQGC | 2 | 8.800 | 5.260 | 0.980 | 0.960 | 0.910 | 0.820 | 0.650 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALQVC | 2 | 8.640 | 5.080 | 0.980 | 0.960 | 0.910 | 0.820 | 0.640 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALRGC | 2 | 7.070 | 3.460 | 0.980 | 0.960 | 0.890 | 0.780 | 0.550 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALRVC | 2 | 6.710 | 3.140 | 0.980 | 0.950 | 0.880 | 0.760 | 0.520 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALKHF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALPHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALPVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALQGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALQVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALRGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALRVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALKHF | 4 | 1.210 | 0.100 | 0.830 | 0.670 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALPHC | 4 | 1.950 | 0.280 | 0.900 | 0.800 | 0.500 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALPVC | 4 | 7.510 | 3.890 | 0.980 | 0.960 | 0.890 | 0.790 | 0.580 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALQGC | 4 | 8.800 | 5.260 | 0.980 | 0.960 | 0.910 | 0.820 | 0.650 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALQVC | 4 | 8.640 | 5.080 | 0.980 | 0.960 | 0.910 | 0.820 | 0.640 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALRGC | 4 | 7.070 | 3.460 | 0.980 | 0.960 | 0.890 | 0.780 | 0.550 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALRVC | 4 | 6.710 | 3.140 | 0.980 | 0.950 | 0.880 | 0.760 | 0.520 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALKHF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALPHC | 5 | 0.160 | 0.000 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALPVC | 5 | 0.730 | 0.020 | 0.750 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALQGC | 5 | 2.410 | 0.430 | 0.930 | 0.860 | 0.660 | 0.380 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALQVC | 5 | 1.110 | 0.080 | 0.840 | 0.670 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALRGC | 5 | 6.270 | 2.750 | 0.970 | 0.950 | 0.870 | 0.750 | 0.500 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALRVC | 5 | 1.840 | 0.250 | 0.910 | 0.810 | 0.530 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSAL

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ALKHC | 1 | 3.010 | 0.370 | 0.920 | 0.830 | 0.580 | 0.380 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALPHC | 1 | 6.820 | 1.660 | 0.960 | 0.930 | 0.820 | 0.630 | 0.420 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALPVC | 1 | 23.980 | 16.090 | 0.990 | 0.980 | 0.960 | 0.920 | 0.830 | 0.580 | 0.330 | 0.010 | 0.000 | 0.000 |
| ALQGC | 1 | 64.050 | 94.440 | 1.000 | 0.990 | 0.980 | 0.970 | 0.940 | 0.850 | 0.690 | 0.440 | 0.010 | 0.000 |
| ALQVC | 1 | 28.310 | 21.720 | 0.990 | 0.990 | 0.960 | 0.930 | 0.860 | 0.640 | 0.390 | 0.040 | 0.000 | 0.000 |
| ALRGC | 1 | 49.690 | 59.790 | 1.000 | 0.990 | 0.980 | 0.960 | 0.920 | 0.800 | 0.600 | 0.350 | 0.000 | 0.000 |
| ALRVC | 1 | 20.930 | 12.600 | 0.990 | 0.980 | 0.950 | 0.910 | 0.810 | 0.530 | 0.270 | 0.000 | 0.000 | 0.000 |
| ALKHF | 2 | 5.200 | 1.010 | 0.950 | 0.900 | 0.760 | 0.520 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALPHC | 2 | 9.060 | 2.780 | 0.970 | 0.950 | 0.860 | 0.730 | 0.480 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALPVC | 2 | 32.820 | 28.330 | 0.990 | 0.990 | 0.970 | 0.940 | 0.880 | 0.690 | 0.440 | 0.140 | 0.000 | 0.000 |
| ALQGC | 2 | 38.640 | 38.010 | 0.990 | 0.990 | 0.970 | 0.950 | 0.900 | 0.750 | 0.490 | 0.230 | 0.000 | 0.000 |
| ALQVC | 2 | 38.700 | 38.130 | 0.990 | 0.990 | 0.970 | 0.950 | 0.890 | 0.740 | 0.490 | 0.230 | 0.000 | 0.000 |
| ALRGC | 2 | 29.790 | 23.800 | 0.990 | 0.990 | 0.970 | 0.930 | 0.870 | 0.670 | 0.420 | 0.080 | 0.000 | 0.000 |
| ALRVC | 2 | 28.740 | 22.310 | 0.990 | 0.990 | 0.960 | 0.930 | 0.860 | 0.650 | 0.400 | 0.050 | 0.000 | 0.000 |
| ALKHF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALPHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALPVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALQGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALQVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALRGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALRVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALKHF | 4 | 5.200 | 1.010 | 0.950 | 0.900 | 0.760 | 0.520 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALPHC | 4 | 9.060 | 2.780 | 0.970 | 0.950 | 0.860 | 0.730 | 0.480 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALPVC | 4 | 32.820 | 28.330 | 0.990 | 0.990 | 0.970 | 0.940 | 0.880 | 0.690 | 0.440 | 0.140 | 0.000 | 0.000 |
| ALQGC | 4 | 38.640 | 38.010 | 0.990 | 0.990 | 0.970 | 0.950 | 0.900 | 0.750 | 0.490 | 0.230 | 0.000 | 0.000 |
| ALQVC | 4 | 38.700 | 38.130 | 0.990 | 0.990 | 0.970 | 0.950 | 0.890 | 0.740 | 0.490 | 0.230 | 0.000 | 0.000 |
| ALRGC | 4 | 29.790 | 23.800 | 0.990 | 0.990 | 0.970 | 0.930 | 0.870 | 0.670 | 0.420 | 0.080 | 0.000 | 0.000 |
| ALRVC | 4 | 28.740 | 22.310 | 0.990 | 0.990 | 0.960 | 0.930 | 0.860 | 0.650 | 0.400 | 0.050 | 0.000 | 0.000 |
| ALKHF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALPHC | 5 | 0.520 | 0.000 | 0.500 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALPVC | 5 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALQGC | 5 | 8.580 | 2.520 | 0.980 | 0.960 | 0.890 | 0.790 | 0.570 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALQVC | 5 | 3.420 | 0.470 | 0.950 | 0.900 | 0.740 | 0.490 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ALRGC | 5 | 25.830 | 18.410 | 0.990 | 0.980 | 0.960 | 0.920 | 0.850 | 0.620 | 0.370 | 0.010 | 0.000 | 0.000 |
| ALRVC | 5 | 6.170 | 1.390 | 0.970 | 0.940 | 0.850 | 0.700 | 0.450 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |

# ACTIVITY CODE: AT

# AIR TRANSPORTATION (C5), TAKE-OFF

Report for file CNSAT

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ATKHC | 1 | 0.000 | 0.000 | 2.436 | 0.000 | 0.000 | 2.436 | 2.436 | 1440 | OP | 0.750 | 3.010 | 0.610 | 2.290 | 0.180 | 0.590 |
| ATPHC | 1 | 0.000 | 2.953 | 2.238 | 0.000 | 0.000 | 3.030 | 3.030 | 1440 | OP | 1.530 | 6.810 | 1.240 | 5.110 | 0.380 | 1.360 |
| ATPVC | 1 | 3.333 | 2.664 | 0.000 | -0.488 | -0.350 | 2.664 | 2.664 | 1440 | OP | 5.760 | 23.980 | 4.390 | 17.670 | 1.790 | 6.010 |
| ATQGC | 1 | 0.000 | 2.797 | 3.466 | 0.000 | 0.000 | 3.550 | 3.550 | 1200 | OP | 13.400 | 64.050 | 10.250 | 47.420 | 4.500 | 16.240 |
| ATQVC | 1 | 3.466 | 2.797 | 0.000 | -0.368 | -0.227 | 2.797 | 2.797 | 1440 | OP | 6.630 | 28.310 | 5.050 | 20.820 | 2.070 | 7.030 |
| ATRGC | 1 | 0.000 | 2.586 | 3.255 | 0.000 | 0.000 | 3.339 | 3.339 | 1200 | OP | 10.860 | 49.690 | 8.290 | 36.740 | 3.570 | 12.570 |
| ATRVC | 1 | 3.225 | 2.556 | 0.000 | -0.585 | -0.449 | 2.556 | 2.556 | 1440 | OP | 5.140 | 20.930 | 3.920 | 15.450 | 1.580 | 5.280 |
| ATKHF | 2 | 0.000 | 0.000 | 2.833 | 0.000 | 0.000 | 2.833 | 2.833 | 60 | OP | 1.210 | 5.200 | 0.980 | 3.910 | 0.300 | 1.030 |
| ATPHC | 2 | 0.000 | 3.175 | 2.351 | 0.000 | 0.000 | 3.236 | 3.236 | 20 | OP | 1.950 | 9.060 | 1.580 | 6.770 | 0.500 | 1.820 |
| ATPVC | 2 | 0.000 | 2.885 | 1.760 | 0.000 | 0.000 | 2.916 | 2.916 | 20 | OP | 7.510 | 32.820 | 5.710 | 24.100 | 2.370 | 8.100 |
| ATQGC | 2 | 0.000 | 3.019 | 2.496 | 0.000 | 0.000 | 3.133 | 3.133 | 20 | OP | 8.800 | 38.640 | 6.710 | 28.570 | 2.840 | 9.810 |
| ATQVC | 2 | 0.000 | 3.019 | 1.894 | 0.000 | 0.000 | 3.050 | 3.050 | 20 | OP | 8.640 | 38.700 | 6.560 | 28.390 | 2.750 | 9.510 |
| ATRGC | 2 | 0.000 | 2.808 | 2.285 | 0.000 | 0.000 | 2.922 | 2.922 | 20 | OP | 7.070 | 29.790 | 5.400 | 22.060 | 2.240 | 7.620 |
| ATRVC | 2 | 0.000 | 2.778 | 1.653 | 0.000 | 0.000 | 2.809 | 2.809 | 20 | OP | 6.710 | 28.740 | 5.110 | 21.130 | 2.100 | 7.140 |
| ATKHF | 3 | 0.000 | 0.000 | 2.833 | 0.000 | 0.000 | 2.833 | 2.833 | 60 | OP | 1.210 | 5.200 | 0.980 | 3.910 | 0.300 | 1.030 |
| ATPHC | 3 | 0.000 | 3.175 | 2.351 | 0.000 | 0.000 | 3.236 | 3.236 | 20 | OP | 1.950 | 9.060 | 1.580 | 6.770 | 0.500 | 1.820 |
| ATPVC | 3 | 0.000 | 2.885 | 1.760 | 0.000 | 0.000 | 2.916 | 2.916 | 20 | OP | 7.510 | 32.820 | 5.710 | 24.100 | 2.370 | 8.100 |
| ATQGC | 3 | 0.000 | 3.019 | 2.496 | 0.000 | 0.000 | 3.133 | 3.133 | 20 | OP | 8.800 | 38.640 | 6.710 | 28.570 | 2.840 | 9.810 |
| ATQVC | 3 | 0.000 | 3.019 | 1.894 | 0.000 | 0.000 | 3.050 | 3.050 | 20 | OP | 8.640 | 38.700 | 6.560 | 28.390 | 2.750 | 9.510 |
| ATRGC | 3 | 0.000 | 2.808 | 2.285 | 0.000 | 0.000 | 2.922 | 2.922 | 20 | OP | 7.070 | 29.790 | 5.400 | 22.060 | 2.240 | 7.620 |
| ATRVC | 3 | 0.000 | 2.778 | 1.653 | 0.000 | 0.000 | 2.809 | 2.809 | 20 | OP | 6.710 | 28.740 | 5.110 | 21.130 | 2.100 | 7.140 |
| ATKHF | 4 | 0.000 | 0.000 | 2.833 | 0.000 | 0.000 | 2.833 | 2.833 | 60 | OP | 1.210 | 5.200 | 0.980 | 3.910 | 0.300 | 1.030 |
| ATPHC | 4 | 0.000 | 3.175 | 2.351 | 0.000 | 0.000 | 3.236 | 3.236 | 20 | OP | 1.950 | 9.060 | 1.580 | 6.770 | 0.500 | 1.820 |
| ATPVC | 4 | 0.000 | 2.885 | 1.760 | 0.000 | 0.000 | 2.916 | 2.916 | 20 | OP | 7.510 | 32.820 | 5.710 | 24.100 | 2.370 | 8.100 |
| ATQGC | 4 | 0.000 | 3.019 | 2.496 | 0.000 | 0.000 | 3.133 | 3.133 | 20 | OP | 8.800 | 38.640 | 6.710 | 28.570 | 2.840 | 9.810 |
| ATQVC | 4 | 0.000 | 3.019 | 1.894 | 0.000 | 0.000 | 3.050 | 3.050 | 20 | OP | 8.640 | 38.700 | 6.560 | 28.390 | 2.750 | 9.510 |
| ATRGC | 4 | 0.000 | 2.808 | 2.285 | 0.000 | 0.000 | 2.922 | 2.922 | 20 | OP | 7.070 | 29.790 | 5.400 | 22.060 | 2.240 | 7.620 |
| ATRVC | 4 | 0.000 | 2.778 | 1.653 | 0.000 | 0.000 | 2.809 | 2.809 | 20 | OP | 6.710 | 28.740 | 5.110 | 21.130 | 2.100 | 7.140 |
| ATKHF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATPHC | 5 | 0.000 | 1.079 | 0.378 | 0.000 | 0.000 | 1.158 | 1.158 | 1440 | OP | 0.160 | 0.520 | 0.120 | 0.410 | 0.040 | 0.100 |
| ATPVC | 5 | 1.477 | 0.778 | 0.000 | -2.158 | -2.044 | 0.779 | 0.779 | 1440 | OP | 0.730 | 2.140 | 0.550 | 1.630 | 0.200 | 0.610 |
| ATQGC | 5 | 0.000 | 1.146 | 1.857 | 0.000 | 0.000 | 1.934 | 1.934 | 1200 | OP | 2.410 | 8.580 | 1.870 | 6.480 | 0.730 | 2.350 |
| ATQVC | 5 | 1.857 | 1.146 | 0.000 | -1.816 | -1.702 | 1.146 | 1.147 | 1440 | OP | 1.110 | 3.420 | 0.840 | 2.600 | 0.310 | 0.960 |
| ATRGC | 5 | 0.000 | 1.633 | 2.777 | 0.000 | 0.000 | 2.807 | 2.807 | 1200 | OP | 6.270 | 25.830 | 4.790 | 19.160 | 1.970 | 6.640 |
| ATRVC | 5 | 2.748 | 1.602 | 0.000 | -1.014 | -0.889 | 1.603 | 1.603 | 1440 | OP | 1.840 | 6.170 | 1.400 | 4.650 | 0.530 | 1.690 |

Report for file CNSAT

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ATKHC | 1 | 0.75 | 3.01 | 0.03 | 0.68 | 2.40 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| ATPHC | 1 | 1.53 | 6.81 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.69 | 0.03 | 0.26 | 0.00 | 0.00 |
| ATPVC | 1 | 5.76 | 23.98 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| ATQGC | 1 | 13.40 | 64.05 | 508.49 | 3104.88 | 0.00 | 0.00 | 334.98 | 2413.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| ATQVC | 1 | 6.63 | 28.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| ATRGC | 1 | 10.86 | 49.69 | 508.49 | 1072.78 | 0.00 | 0.00 | 334.98 | 777.27 | 0.00 | 0.00 | 267.51 | 495.88 | 0.00 | 0.00 | 2.42 | 51.83 | 120.30 | 179.59 |
| ATRVC | 1 | 5.14 | 20.93 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| ATKHF | 2 | 1.21 | 5.20 | 0.15 | 21.28 | 6.26 | 89.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| ATPHC | 2 | 1.95 | 9.06 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.69 | 0.03 | 0.26 | 0.00 | 0.00 |
| ATPVC | 2 | 7.51 | 32.82 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| ATQGC | 2 | 8.80 | 38.64 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| ATQVC | 2 | 8.64 | 38.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| ATRGC | 2 | 7.07 | 29.79 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| ATRVC | 2 | 6.71 | 28.74 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| ATKHF | 3 | 1.21 | 5.20 | 0.15 | 21.28 | 6.26 | 89.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| ATPHC | 3 | 1.95 | 9.06 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.69 | 0.03 | 0.26 | 0.00 | 0.00 |
| ATPVC | 3 | 7.51 | 32.82 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| ATQGC | 3 | 8.80 | 38.64 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| ATQVC | 3 | 8.64 | 38.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| ATRGC | 3 | 7.07 | 29.79 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| ATRVC | 3 | 6.71 | 28.74 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| ATKHF | 4 | 1.21 | 5.20 | 0.15 | 21.28 | 6.26 | 89.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| ATPHC | 4 | 1.95 | 9.06 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.69 | 0.03 | 0.26 | 0.00 | 0.00 |
| ATPVC | 4 | 7.51 | 32.82 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| ATQGC | 4 | 8.80 | 38.64 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| ATQVC | 4 | 8.64 | 38.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| ATRGC | 4 | 7.07 | 29.79 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| ATRVC | 4 | 6.71 | 28.74 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| ATKHF | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ATPHC | 5 | 0.16 | 0.52 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| ATPVC | 5 | 0.73 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| ATQGC | 5 | 2.41 | 8.58 | 1.72 | 21.28 | 0.00 | 0.00 | 6.66 | 49.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| ATQVC | 5 | 1.11 | 3.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| ATRGC | 5 | 6.27 | 25.83 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| ATRVC | 5 | 1.84 | 6.17 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |

Report for file CNSAT

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ATKHC | 1 | 0.75 | 3.01 | 0.19 | 2.85 | 67.78 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| ATPHC | 1 | 1.53 | 6.81 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 2.85 | 0.08 | 0.42 | 0.00 | 0.00 |
| ATPVC | 1 | 5.76 | 23.98 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| ATQGC | 1 | 13.40 | 64.05 | 2625.48 | 10730.7 | 0.00 | 0.00 | 3489.80 | 18640.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| ATQVC | 1 | 6.63 | 28.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| ATRGC | 1 | 10.86 | 49.69 | 2625.48 | 4986.01 | 0.00 | 0.00 | 3489.80 | 6570.40 | 0.00 | 0.00 | 2013.65 | 5359.40 | 0.00 | 0.00 | 4.17 | 1072.28 | 1393.31 | 2524.63 |
| ATRVC | 1 | 5.14 | 20.93 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| ATKHF | 2 | 1.21 | 5.20 | 0.63 | 57.27 | 96.96 | 834.65 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| ATPHC | 2 | 1.95 | 9.06 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 2.85 | 0.08 | 0.42 | 0.00 | 0.00 |
| ATPVC | 2 | 7.51 | 32.82 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| ATQGC | 2 | 8.80 | 38.64 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| ATQVC | 2 | 8.64 | 38.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| ATRGC | 2 | 7.07 | 29.79 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| ATRVC | 2 | 6.71 | 28.74 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| ATKHF | 3 | 1.21 | 5.20 | 0.63 | 57.27 | 96.96 | 834.65 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| ATPHC | 3 | 1.95 | 9.06 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 2.85 | 0.08 | 0.42 | 0.00 | 0.00 |
| ATPVC | 3 | 7.51 | 32.82 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| ATQGC | 3 | 8.80 | 38.64 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| ATQVC | 3 | 8.64 | 38.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| ATRGC | 3 | 7.07 | 29.79 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| ATRVC | 3 | 6.71 | 28.74 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| ATKHF | 4 | 1.21 | 5.20 | 0.63 | 57.27 | 96.96 | 834.65 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| ATPHC | 4 | 1.95 | 9.06 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 2.85 | 0.08 | 0.42 | 0.00 | 0.00 |
| ATPVC | 4 | 7.51 | 32.82 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| ATQGC | 4 | 8.80 | 38.64 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| ATQVC | 4 | 8.64 | 38.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| ATRGC | 4 | 7.07 | 29.79 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| ATRVC | 4 | 6.71 | 28.74 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| ATKHF | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ATPHC | 5 | 0.16 | 0.52 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.00 | 0.03 | 0.00 | 0.00 |
| ATPVC | 5 | 0.73 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| ATQGC | 5 | 2.41 | 8.58 | 5.82 | 57.27 | 0.00 | 0.00 | 29.38 | 468.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| ATQVC | 5 | 1.11 | 3.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| ATRGC | 5 | 6.27 | 25.83 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| ATRVC | 5 | 1.84 | 6.17 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |

Report for file CNSAT

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ATKHC | 1 | 0.750 | 0.030 | 0.730 | 0.480 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATPHC | 1 | 1.530 | 0.170 | 0.870 | 0.740 | 0.430 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATPVC | 1 | 5.760 | 2.340 | 0.970 | 0.940 | 0.860 | 0.720 | 0.460 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATQGC | 1 | 13.400 | 11.720 | 0.990 | 0.980 | 0.940 | 0.890 | 0.780 | 0.460 | 0.030 | 0.000 | 0.000 | 0.000 |
| ATQVC | 1 | 6.630 | 3.060 | 0.980 | 0.950 | 0.880 | 0.760 | 0.520 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATRGC | 1 | 10.860 | 7.850 | 0.990 | 0.970 | 0.930 | 0.860 | 0.720 | 0.350 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATRVC | 1 | 5.140 | 1.880 | 0.970 | 0.940 | 0.840 | 0.680 | 0.410 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATKHF | 2 | 1.210 | 0.100 | 0.830 | 0.670 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATPHC | 2 | 1.950 | 0.280 | 0.900 | 0.800 | 0.500 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATPVC | 2 | 7.510 | 3.890 | 0.980 | 0.960 | 0.890 | 0.790 | 0.580 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATQGC | 2 | 8.800 | 5.260 | 0.980 | 0.960 | 0.910 | 0.820 | 0.650 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATQVC | 2 | 8.640 | 5.080 | 0.980 | 0.960 | 0.910 | 0.820 | 0.640 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATRGC | 2 | 7.070 | 3.460 | 0.980 | 0.960 | 0.890 | 0.780 | 0.550 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATRVC | 2 | 6.710 | 3.140 | 0.980 | 0.950 | 0.880 | 0.760 | 0.520 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATKHF | 3 | 1.210 | 0.100 | 0.830 | 0.670 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATPHC | 3 | 1.950 | 0.280 | 0.900 | 0.800 | 0.500 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATPVC | 3 | 7.510 | 3.890 | 0.980 | 0.960 | 0.890 | 0.790 | 0.580 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATQGC | 3 | 8.800 | 5.260 | 0.980 | 0.960 | 0.910 | 0.820 | 0.650 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATQVC | 3 | 8.640 | 5.080 | 0.980 | 0.960 | 0.910 | 0.820 | 0.640 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATRGC | 3 | 7.070 | 3.460 | 0.980 | 0.960 | 0.890 | 0.780 | 0.550 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATRVC | 3 | 6.710 | 3.140 | 0.980 | 0.950 | 0.880 | 0.760 | 0.520 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATKHF | 4 | 1.210 | 0.100 | 0.830 | 0.670 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATPHC | 4 | 1.950 | 0.280 | 0.900 | 0.800 | 0.500 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATPVC | 4 | 7.510 | 3.890 | 0.980 | 0.960 | 0.890 | 0.790 | 0.580 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATQGC | 4 | 8.800 | 5.260 | 0.980 | 0.960 | 0.910 | 0.820 | 0.650 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATQVC | 4 | 8.640 | 5.080 | 0.980 | 0.960 | 0.910 | 0.820 | 0.640 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATRGC | 4 | 7.070 | 3.460 | 0.980 | 0.960 | 0.890 | 0.780 | 0.550 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATRVC | 4 | 6.710 | 3.140 | 0.980 | 0.950 | 0.880 | 0.760 | 0.520 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATKHF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATPHC | 5 | 0.160 | 0.000 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATPVC | 5 | 0.730 | 0.020 | 0.750 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATQGC | 5 | 2.410 | 0.430 | 0.930 | 0.860 | 0.660 | 0.380 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATQVC | 5 | 1.110 | 0.080 | 0.840 | 0.670 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATRGC | 5 | 6.270 | 2.750 | 0.970 | 0.950 | 0.870 | 0.750 | 0.500 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATRVC | 5 | 1.840 | 0.250 | 0.910 | 0.810 | 0.530 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSAT

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ATKHC | 1 | 3.010 | 0.370 | 0.920 | 0.830 | 0.580 | 0.380 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATPHC | 1 | 6.810 | 1.660 | 0.960 | 0.930 | 0.820 | 0.630 | 0.420 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATPVC | 1 | 23.980 | 16.090 | 0.990 | 0.980 | 0.960 | 0.920 | 0.830 | 0.580 | 0.330 | 0.010 | 0.000 | 0.000 |
| ATQGC | 1 | 64.050 | 94.440 | 1.000 | 0.990 | 0.980 | 0.970 | 0.940 | 0.850 | 0.690 | 0.440 | 0.010 | 0.000 |
| ATQVC | 1 | 28.310 | 21.720 | 0.990 | 0.990 | 0.960 | 0.930 | 0.860 | 0.640 | 0.390 | 0.040 | 0.000 | 0.000 |
| ATRGC | 1 | 49.690 | 59.790 | 1.000 | 0.990 | 0.980 | 0.960 | 0.920 | 0.800 | 0.600 | 0.350 | 0.000 | 0.000 |
| ATRVC | 1 | 20.930 | 12.600 | 0.990 | 0.980 | 0.950 | 0.910 | 0.810 | 0.530 | 0.270 | 0.000 | 0.000 | 0.000 |
| ATKHF | 2 | 5.200 | 1.010 | 0.950 | 0.900 | 0.760 | 0.520 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATPHC | 2 | 9.060 | 2.780 | 0.970 | 0.950 | 0.860 | 0.730 | 0.480 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATPVC | 2 | 32.820 | 28.330 | 0.990 | 0.990 | 0.970 | 0.940 | 0.880 | 0.690 | 0.440 | 0.140 | 0.000 | 0.000 |
| ATQGC | 2 | 38.640 | 38.010 | 0.990 | 0.990 | 0.970 | 0.950 | 0.900 | 0.750 | 0.490 | 0.230 | 0.000 | 0.000 |
| ATQVC | 2 | 38.700 | 38.130 | 0.990 | 0.990 | 0.970 | 0.950 | 0.890 | 0.740 | 0.490 | 0.230 | 0.000 | 0.000 |
| ATRGC | 2 | 29.790 | 23.800 | 0.990 | 0.990 | 0.970 | 0.930 | 0.870 | 0.670 | 0.420 | 0.080 | 0.000 | 0.000 |
| ATRVC | 2 | 28.740 | 22.310 | 0.990 | 0.990 | 0.960 | 0.930 | 0.860 | 0.650 | 0.400 | 0.050 | 0.000 | 0.000 |
| ATKHF | 3 | 5.200 | 1.010 | 0.950 | 0.900 | 0.760 | 0.520 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATPHC | 3 | 9.060 | 2.780 | 0.970 | 0.950 | 0.860 | 0.730 | 0.480 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATPVC | 3 | 32.820 | 28.330 | 0.990 | 0.990 | 0.970 | 0.940 | 0.880 | 0.690 | 0.440 | 0.140 | 0.000 | 0.000 |
| ATQGC | 3 | 38.640 | 38.010 | 0.990 | 0.990 | 0.970 | 0.950 | 0.900 | 0.750 | 0.490 | 0.230 | 0.000 | 0.000 |
| ATQVC | 3 | 38.700 | 38.130 | 0.990 | 0.990 | 0.970 | 0.950 | 0.890 | 0.740 | 0.490 | 0.230 | 0.000 | 0.000 |
| ATRGC | 3 | 29.790 | 23.800 | 0.990 | 0.990 | 0.970 | 0.930 | 0.870 | 0.670 | 0.420 | 0.080 | 0.000 | 0.000 |
| ATRVC | 3 | 28.740 | 22.310 | 0.990 | 0.990 | 0.960 | 0.930 | 0.860 | 0.650 | 0.400 | 0.050 | 0.000 | 0.000 |
| ATKHF | 4 | 5.200 | 1.010 | 0.950 | 0.900 | 0.760 | 0.520 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATPHC | 4 | 9.060 | 2.780 | 0.970 | 0.950 | 0.860 | 0.730 | 0.480 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATPVC | 4 | 32.820 | 28.330 | 0.990 | 0.990 | 0.970 | 0.940 | 0.880 | 0.690 | 0.440 | 0.140 | 0.000 | 0.000 |
| ATQGC | 4 | 38.640 | 38.010 | 0.990 | 0.990 | 0.970 | 0.950 | 0.900 | 0.750 | 0.490 | 0.230 | 0.000 | 0.000 |
| ATQVC | 4 | 38.700 | 38.130 | 0.990 | 0.990 | 0.970 | 0.950 | 0.890 | 0.740 | 0.490 | 0.230 | 0.000 | 0.000 |
| ATRGC | 4 | 29.790 | 23.800 | 0.990 | 0.990 | 0.970 | 0.930 | 0.870 | 0.670 | 0.420 | 0.080 | 0.000 | 0.000 |
| ATRVC | 4 | 28.740 | 22.310 | 0.990 | 0.990 | 0.960 | 0.930 | 0.860 | 0.650 | 0.400 | 0.050 | 0.000 | 0.000 |
| ATKHF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATPHC | 5 | 0.520 | 0.000 | 0.500 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATPVC | 5 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATQGC | 5 | 8.580 | 2.520 | 0.980 | 0.960 | 0.890 | 0.790 | 0.570 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATQVC | 5 | 3.420 | 0.470 | 0.950 | 0.900 | 0.740 | 0.490 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ATRGC | 5 | 25.830 | 18.410 | 0.990 | 0.980 | 0.960 | 0.920 | 0.850 | 0.620 | 0.370 | 0.010 | 0.000 | 0.000 |
| ATRVC | 5 | 6.170 | 1.390 | 0.970 | 0.940 | 0.850 | 0.700 | 0.450 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |

# ACTIVITY CODE: BF

# AIR TRANSPORTATION (C141), IN-FLIGHT

Report for file CNSBF

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BFKHC | 1 | 0.000 | 0.000 | 1.834 | 0.000 | 0.000 | 1.834 | 1.834 | 1440 | OP | 0.360 | 1.310 | 0.290 | 1.020 | 0.090 | 0.250 |
| BFPHC | 1 | 0.000 | 2.352 | 1.636 | 0.000 | 0.000 | 2.428 | 2.428 | 1440 | OP | 0.750 | 2.980 | 0.600 | 2.260 | 0.180 | 0.590 |
| BFPVC | 1 | 2.731 | 2.061 | 0.000 | -1.030 | -0.904 | 2.061 | 2.061 | 1440 | OP | 3.030 | 11.140 | 2.320 | 8.300 | 0.900 | 2.930 |
| BFQGC | 1 | 0.000 | 2.196 | 2.864 | 0.000 | 0.000 | 2.948 | 2.948 | 1200 | OP | 7.270 | 30.790 | 5.550 | 22.800 | 2.310 | 7.860 |
| BFQVC | 1 | 2.864 | 2.196 | 0.000 | -0.910 | -0.782 | 2.196 | 2.196 | 1440 | OP | 3.510 | 13.240 | 2.680 | 9.850 | 1.050 | 3.440 |
| BFRGC | 1 | 0.000 | 1.982 | 2.652 | 0.000 | 0.000 | 2.736 | 2.736 | 1200 | OP | 5.810 | 23.640 | 4.450 | 17.550 | 1.820 | 6.100 |
| BFRVC | 1 | 2.623 | 1.954 | 0.000 | -1.127 | -1.003 | 1.954 | 1.954 | 1440 | OP | 2.700 | 9.710 | 2.060 | 7.250 | 0.800 | 2.580 |
| BFKHF | 2 | 0.000 | 0.000 | 2.230 | 0.000 | 0.000 | 2.230 | 2.230 | 60 | OP | 0.590 | 2.260 | 0.470 | 1.730 | 0.140 | 0.440 |
| BFPHC | 2 | 0.000 | 2.573 | 1.748 | 0.000 | 0.000 | 2.634 | 2.634 | 20 | OP | 0.950 | 3.950 | 0.770 | 2.990 | 0.230 | 0.780 |
| BFPVC | 2 | 0.000 | 2.283 | 1.146 | 0.000 | 0.000 | 2.314 | 2.314 | 20 | OP | 3.970 | 15.380 | 3.040 | 11.410 | 1.200 | 3.960 |
| BFQGC | 2 | 0.000 | 2.417 | 1.892 | 0.000 | 0.000 | 2.530 | 2.530 | 20 | OP | 4.660 | 18.270 | 3.580 | 13.610 | 1.440 | 4.780 |
| BFQVC | 2 | 0.000 | 2.417 | 1.301 | 0.000 | 0.000 | 2.449 | 2.449 | 20 | OP | 4.590 | 18.270 | 3.500 | 13.510 | 1.400 | 4.650 |
| BFRGC | 2 | 0.000 | 2.204 | 1.681 | 0.000 | 0.000 | 2.318 | 2.318 | 20 | OP | 3.700 | 13.970 | 2.850 | 10.460 | 1.130 | 3.710 |
| BFRVC | 2 | 0.000 | 2.176 | 1.041 | 0.000 | 0.000 | 2.207 | 2.207 | 20 | OP | 3.550 | 13.420 | 2.710 | 9.970 | 1.060 | 3.490 |
| BFKHF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFPHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFPVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFQGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFQVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFRGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFRVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFKHF | 4 | 0.000 | 0.000 | 2.230 | 0.000 | 0.000 | 2.230 | 2.230 | 60 | OP | 0.590 | 2.260 | 0.470 | 1.730 | 0.140 | 0.440 |
| BFPHC | 4 | 0.000 | 2.573 | 1.748 | 0.000 | 0.000 | 2.634 | 2.634 | 20 | OP | 0.950 | 3.950 | 0.770 | 2.990 | 0.230 | 0.780 |
| BFPVC | 4 | 0.000 | 2.283 | 1.146 | 0.000 | 0.000 | 2.314 | 2.314 | 20 | OP | 3.970 | 15.380 | 3.040 | 11.410 | 1.200 | 3.960 |
| BFQGC | 4 | 0.000 | 2.417 | 1.892 | 0.000 | 0.000 | 2.530 | 2.530 | 20 | OP | 4.660 | 18.270 | 3.580 | 13.610 | 1.440 | 4.780 |
| BFQVC | 4 | 0.000 | 2.417 | 1.301 | 0.000 | 0.000 | 2.449 | 2.449 | 20 | OP | 4.590 | 18.270 | 3.500 | 13.510 | 1.400 | 4.650 |
| BFRGC | 4 | 0.000 | 2.204 | 1.681 | 0.000 | 0.000 | 2.318 | 2.318 | 20 | OP | 3.700 | 13.970 | 2.850 | 10.460 | 1.130 | 3.710 |
| BFRVC | 4 | 0.000 | 2.176 | 1.041 | 0.000 | 0.000 | 2.207 | 2.207 | 20 | OP | 3.550 | 13.420 | 2.710 | 9.970 | 1.060 | 3.490 |
| BFKHF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFPHC | 5 | 0.000 | 1.079 | 0.378 | 0.000 | 0.000 | 1.158 | 1.158 | 1440 | OP | 0.160 | 0.520 | 0.120 | 0.410 | 0.040 | 0.100 |
| BFPVC | 5 | 1.477 | 0.778 | 0.000 | -2.158 | -2.044 | 0.779 | 0.779 | 1440 | OP | 0.730 | 2.140 | 0.550 | 1.630 | 0.200 | 0.610 |
| BFQGC | 5 | 0.000 | 1.146 | 1.857 | 0.000 | 0.000 | 1.934 | 1.934 | 1200 | OP | 2.410 | 8.580 | 1.870 | 6.480 | 0.730 | 2.350 |
| BFQVC | 5 | 1.857 | 1.146 | 0.000 | -1.816 | -1.702 | 1.146 | 1.147 | 1440 | OP | 1.110 | 3.420 | 0.840 | 2.600 | 0.310 | 0.960 |
| BFRGC | 5 | 0.000 | 1.633 | 2.777 | 0.000 | 0.000 | 2.807 | 2.807 | 1200 | OP | 6.270 | 25.830 | 4.790 | 19.160 | 1.970 | 6.640 |
| BFRVC | 5 | 2.748 | 1.602 | 0.000 | -1.014 | -0.889 | 1.603 | 1.603 | 1440 | OP | 1.840 | 6.170 | 1.400 | 4.650 | 0.530 | 1.690 |

Report for file CNSBF

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BFKHC | 1 | 0.36 | 1.31 | 0.00 | 0.00 | 0.04 | 0.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFPHC | 1 | 0.75 | 2.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 1.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFPVC | 1 | 3.03 | 11.14 | 0.00 | 0.00 | 0.00 | 0.00 | 2.57 | 22.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFQGC | 1 | 7.27 | 30.79 | 0.00 | 0.00 | 0.00 | 0.00 | 11.56 | 196.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFQVC | 1 | 3.51 | 13.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFRGC | 1 | 5.81 | 23.64 | 0.00 | 0.00 | 0.00 | 0.00 | 11.56 | 196.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFRVC | 1 | 2.70 | 9.71 | 0.00 | 0.00 | 0.00 | 0.00 | 2.57 | 4.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFKHF | 2 | 0.59 | 2.26 | 0.00 | 0.00 | 0.15 | 1.79 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFPHC | 2 | 0.95 | 3.95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 1.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFPVC | 2 | 3.97 | 15.38 | 0.00 | 0.00 | 0.00 | 0.00 | 2.57 | 22.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFQGC | 2 | 4.66 | 18.27 | 0.00 | 0.00 | 0.00 | 0.00 | 2.57 | 22.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFQVC | 2 | 4.59 | 18.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFRGC | 2 | 3.70 | 13.97 | 0.00 | 0.00 | 0.00 | 0.00 | 2.57 | 22.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFRVC | 2 | 3.55 | 13.42 | 0.00 | 0.00 | 0.00 | 0.00 | 2.57 | 22.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFKHF | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFPHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFPVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFQGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFQVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFRGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFRVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFKHF | 4 | 0.59 | 2.26 | 0.00 | 0.00 | 0.15 | 1.79 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFPHC | 4 | 0.95 | 3.95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 1.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFPVC | 4 | 3.97 | 15.38 | 0.00 | 0.00 | 0.00 | 0.00 | 2.57 | 22.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFQGC | 4 | 4.66 | 18.27 | 0.00 | 0.00 | 0.00 | 0.00 | 2.57 | 22.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFQVC | 4 | 4.59 | 18.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFRGC | 4 | 3.70 | 13.97 | 0.00 | 0.00 | 0.00 | 0.00 | 2.57 | 22.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFRVC | 4 | 3.55 | 13.42 | 0.00 | 0.00 | 0.00 | 0.00 | 2.57 | 22.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFKHF | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFPHC | 5 | 0.16 | 0.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFPVC | 5 | 0.73 | 2.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 1.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFQGC | 5 | 2.41 | 8.58 | 0.00 | 0.00 | 0.00 | 0.00 | 2.57 | 4.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFQVC | 5 | 1.11 | 3.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFRGC | 5 | 6.27 | 25.83 | 0.00 | 0.00 | 0.00 | 0.00 | 11.56 | 196.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFRVC | 5 | 1.84 | 6.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.41 | 4.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSBF

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BFKHC | 1 | 0.36 | 1.31 | 0.00 | 0.00 | 83.96 | 697.56 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFPHC | 1 | 0.75 | 2.98 | 0.00 | 0.00 | 0.00 | 0.00 | 101.02 | 893.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFPVC | 1 | 3.03 | 11.14 | 0.00 | 0.00 | 0.00 | 0.00 | 1147.73 | 6281.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFQGC | 1 | 7.27 | 30.79 | 0.00 | 0.00 | 0.00 | 0.00 | 4140.81 | 23370.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFQVC | 1 | 3.51 | 13.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFRGC | 1 | 5.81 | 23.64 | 0.00 | 0.00 | 0.00 | 0.00 | 4140.81 | 23370.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFRVC | 1 | 2.70 | 9.71 | 0.00 | 0.00 | 0.00 | 0.00 | 1147.73 | 2272.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFKHF | 2 | 0.59 | 2.26 | 0.00 | 0.00 | 410.48 | 3440.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFPHC | 2 | 0.95 | 3.95 | 0.00 | 0.00 | 0.00 | 0.00 | 101.02 | 893.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFPVC | 2 | 3.97 | 15.38 | 0.00 | 0.00 | 0.00 | 0.00 | 1147.73 | 6281.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFQGC | 2 | 4.66 | 18.27 | 0.00 | 0.00 | 0.00 | 0.00 | 1147.73 | 6281.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFQVC | 2 | 4.59 | 18.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFRGC | 2 | 3.70 | 13.97 | 0.00 | 0.00 | 0.00 | 0.00 | 1147.73 | 6281.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFRVC | 2 | 3.55 | 13.42 | 0.00 | 0.00 | 0.00 | 0.00 | 1147.73 | 6281.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFKHF | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFPHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFPVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFQGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFQVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFRGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFRVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFKHF | 4 | 0.59 | 2.26 | 0.00 | 0.00 | 410.48 | 3440.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFPHC | 4 | 0.95 | 3.95 | 0.00 | 0.00 | 0.00 | 0.00 | 101.02 | 893.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFPVC | 4 | 3.97 | 15.38 | 0.00 | 0.00 | 0.00 | 0.00 | 1147.73 | 6281.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFQGC | 4 | 4.66 | 18.27 | 0.00 | 0.00 | 0.00 | 0.00 | 1147.73 | 6281.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFQVC | 4 | 4.59 | 18.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFRGC | 4 | 3.70 | 13.97 | 0.00 | 0.00 | 0.00 | 0.00 | 1147.73 | 6281.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFRVC | 4 | 3.55 | 13.42 | 0.00 | 0.00 | 0.00 | 0.00 | 1147.73 | 6281.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFKHF | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFPHC | 5 | 0.16 | 0.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 99.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFPVC | 5 | 0.73 | 2.14 | 0.00 | 0.00 | 0.00 | 0.00 | 101.02 | 893.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFQGC | 5 | 2.41 | 8.58 | 0.00 | 0.00 | 0.00 | 0.00 | 1147.73 | 2272.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFQVC | 5 | 1.11 | 3.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFRGC | 5 | 6.27 | 25.83 | 0.00 | 0.00 | 0.00 | 0.00 | 4140.81 | 23370.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BFRVC | 5 | 1.84 | 6.17 | 0.00 | 0.00 | 0.00 | 0.00 | 306.46 | 2272.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSBF

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BFKHC | 1 | 0.360 | 0.010 | 0.460 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFPHC | 1 | 0.750 | 0.050 | 0.720 | 0.480 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFPVC | 1 | 3.030 | 0.700 | 0.940 | 0.890 | 0.720 | 0.470 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFQGC | 1 | 7.270 | 3.670 | 0.980 | 0.960 | 0.890 | 0.780 | 0.570 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFQVC | 1 | 3.510 | 0.920 | 0.950 | 0.900 | 0.760 | 0.520 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFRGC | 1 | 5.810 | 2.400 | 0.970 | 0.950 | 0.860 | 0.730 | 0.470 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFRVC | 1 | 2.700 | 0.560 | 0.940 | 0.870 | 0.690 | 0.420 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFKHF | 2 | 0.590 | 0.030 | 0.640 | 0.410 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFPHC | 2 | 0.950 | 0.080 | 0.790 | 0.570 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFPVC | 2 | 3.970 | 1.170 | 0.960 | 0.920 | 0.790 | 0.580 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFQGC | 2 | 4.660 | 1.580 | 0.970 | 0.930 | 0.830 | 0.650 | 0.370 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFQVC | 2 | 4.590 | 1.530 | 0.960 | 0.930 | 0.820 | 0.640 | 0.360 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFRGC | 2 | 3.700 | 1.020 | 0.960 | 0.910 | 0.780 | 0.560 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFRVC | 2 | 3.550 | 0.940 | 0.950 | 0.910 | 0.770 | 0.530 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFKHF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFPHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFPVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFQGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFQVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFRGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFRVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFKHF | 4 | 0.590 | 0.030 | 0.640 | 0.410 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFPHC | 4 | 0.950 | 0.080 | 0.790 | 0.570 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFPVC | 4 | 3.970 | 1.170 | 0.960 | 0.920 | 0.790 | 0.580 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFQGC | 4 | 4.660 | 1.580 | 0.970 | 0.930 | 0.830 | 0.650 | 0.370 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFQVC | 4 | 4.590 | 1.530 | 0.960 | 0.930 | 0.820 | 0.640 | 0.360 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFRGC | 4 | 3.700 | 1.020 | 0.960 | 0.910 | 0.780 | 0.560 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFRVC | 4 | 3.550 | 0.940 | 0.950 | 0.910 | 0.770 | 0.530 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFKHF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFPHC | 5 | 0.160 | 0.000 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFPVC | 5 | 0.730 | 0.050 | 0.750 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFQGC | 5 | 2.410 | 0.450 | 0.930 | 0.860 | 0.660 | 0.380 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFQVC | 5 | 1.110 | 0.100 | 0.840 | 0.670 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFRGC | 5 | 6.270 | 2.770 | 0.970 | 0.950 | 0.870 | 0.750 | 0.500 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFRVC | 5 | 1.840 | 0.270 | 0.910 | 0.810 | 0.530 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSBF

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BFKHC | 1 | 1.310 | 0.090 | 0.800 | 0.610 | 0.340 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFPHC | 1 | 2.980 | 0.380 | 0.910 | 0.830 | 0.570 | 0.380 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFPVC | 1 | 11.140 | 4.050 | 0.980 | 0.970 | 0.910 | 0.830 | 0.660 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFQGC | 1 | 30.790 | 25.260 | 0.990 | 0.990 | 0.970 | 0.940 | 0.870 | 0.680 | 0.430 | 0.100 | 0.000 | 0.000 |
| BFQVC | 1 | 13.240 | 5.540 | 0.990 | 0.970 | 0.930 | 0.850 | 0.710 | 0.380 | 0.010 | 0.000 | 0.000 | 0.000 |
| BFRGC | 1 | 23.640 | 15.710 | 0.990 | 0.980 | 0.960 | 0.920 | 0.840 | 0.590 | 0.330 | 0.010 | 0.000 | 0.000 |
| BFRVC | 1 | 9.710 | 3.160 | 0.980 | 0.960 | 0.900 | 0.810 | 0.610 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFKHF | 2 | 2.260 | 0.230 | 0.890 | 0.770 | 0.480 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFPHC | 2 | 3.950 | 0.630 | 0.940 | 0.870 | 0.680 | 0.450 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFPVC | 2 | 15.380 | 7.250 | 0.990 | 0.970 | 0.940 | 0.870 | 0.750 | 0.430 | 0.100 | 0.000 | 0.000 | 0.000 |
| BFQGC | 2 | 18.270 | 9.880 | 0.990 | 0.980 | 0.950 | 0.900 | 0.790 | 0.490 | 0.210 | 0.000 | 0.000 | 0.000 |
| BFQVC | 2 | 18.270 | 9.880 | 0.990 | 0.980 | 0.950 | 0.890 | 0.780 | 0.480 | 0.200 | 0.000 | 0.000 | 0.000 |
| BFRGC | 2 | 13.970 | 6.100 | 0.990 | 0.970 | 0.930 | 0.870 | 0.730 | 0.410 | 0.040 | 0.000 | 0.000 | 0.000 |
| BFRVC | 2 | 13.420 | 5.670 | 0.990 | 0.970 | 0.930 | 0.860 | 0.710 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 |
| BFKHF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFPHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFPVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFQGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFQVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFRGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFRVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFKHF | 4 | 2.260 | 0.230 | 0.890 | 0.770 | 0.480 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFPHC | 4 | 3.950 | 0.630 | 0.940 | 0.870 | 0.680 | 0.450 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFPVC | 4 | 15.380 | 7.250 | 0.990 | 0.970 | 0.940 | 0.870 | 0.750 | 0.430 | 0.100 | 0.000 | 0.000 | 0.000 |
| BFQGC | 4 | 18.270 | 9.880 | 0.990 | 0.980 | 0.950 | 0.900 | 0.790 | 0.490 | 0.210 | 0.000 | 0.000 | 0.000 |
| BFQVC | 4 | 18.270 | 9.880 | 0.990 | 0.980 | 0.950 | 0.890 | 0.780 | 0.480 | 0.200 | 0.000 | 0.000 | 0.000 |
| BFRGC | 4 | 13.970 | 6.100 | 0.990 | 0.970 | 0.930 | 0.870 | 0.730 | 0.410 | 0.040 | 0.000 | 0.000 | 0.000 |
| BFRVC | 4 | 13.420 | 5.670 | 0.990 | 0.970 | 0.930 | 0.860 | 0.710 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 |
| BFKHF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFPHC | 5 | 0.520 | 0.020 | 0.500 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFPVC | 5 | 2.140 | 0.210 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFQGC | 5 | 8.580 | 2.530 | 0.980 | 0.960 | 0.890 | 0.790 | 0.570 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFQVC | 5 | 3.420 | 0.480 | 0.950 | 0.900 | 0.740 | 0.490 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BFRGC | 5 | 25.830 | 18.420 | 0.990 | 0.980 | 0.960 | 0.920 | 0.850 | 0.620 | 0.370 | 0.010 | 0.000 | 0.000 |
| BFRVC | 5 | 6.170 | 1.400 | 0.970 | 0.940 | 0.850 | 0.700 | 0.450 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |

# ACTIVITY CODE: BL

# AIR TRANSPORTATION (C141), LANDING

Report for file CNSBL

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BLKHC | 1 | 0.000 | 0.000 | 1.834 | 0.000 | 0.000 | 1.834 | 1.834 | 1440 | OP | 0.360 | 1.310 | 0.290 | 1.020 | 0.090 | 0.250 |
| BLPHC | 1 | 0.000 | 2.352 | 1.636 | 0.000 | 0.000 | 2.428 | 2.428 | 1440 | OP | 0.750 | 2.980 | 0.600 | 2.260 | 0.180 | 0.590 |
| BLPVC | 1 | 2.731 | 2.061 | 0.000 | -1.030 | -0.904 | 2.061 | 2.061 | 1440 | OP | 3.030 | 11.140 | 2.320 | 8.300 | 0.900 | 2.930 |
| BLQGC | 1 | 0.000 | 2.196 | 2.864 | 0.000 | 0.000 | 2.948 | 2.948 | 1200 | OP | 7.270 | 30.790 | 5.550 | 22.800 | 2.310 | 7.860 |
| BLQVC | 1 | 2.864 | 2.196 | 0.000 | -0.910 | -0.782 | 2.196 | 2.196 | 1440 | OP | 3.510 | 13.240 | 2.680 | 9.850 | 1.050 | 3.440 |
| BLRGC | 1 | 0.000 | 1.982 | 2.652 | 0.000 | 0.000 | 2.736 | 2.736 | 1200 | OP | 5.810 | 23.640 | 4.450 | 17.550 | 1.820 | 6.100 |
| BLRVC | 1 | 2.623 | 1.954 | 0.000 | -1.127 | -1.003 | 1.954 | 1.954 | 1440 | OP | 2.700 | 9.710 | 2.060 | 7.250 | 0.800 | 2.580 |
| BLKHF | 2 | 0.000 | 0.000 | 2.230 | 0.000 | 0.000 | 2.230 | 2.230 | 60 | OP | 0.590 | 2.260 | 0.470 | 1.730 | 0.140 | 0.440 |
| BLPHC | 2 | 0.000 | 2.573 | 1.748 | 0.000 | 0.000 | 2.634 | 2.634 | 20 | OP | 0.950 | 3.950 | 0.770 | 2.990 | 0.230 | 0.780 |
| BLPVC | 2 | 0.000 | 2.283 | 1.146 | 0.000 | 0.000 | 2.314 | 2.314 | 20 | OP | 3.970 | 15.380 | 3.040 | 11.410 | 1.200 | 3.960 |
| BLQGC | 2 | 0.000 | 2.417 | 1.892 | 0.000 | 0.000 | 2.530 | 2.530 | 20 | OP | 4.660 | 18.270 | 3.580 | 13.610 | 1.440 | 4.780 |
| BLQVC | 2 | 0.000 | 2.417 | 1.301 | 0.000 | 0.000 | 2.449 | 2.449 | 20 | OP | 4.590 | 18.270 | 3.500 | 13.510 | 1.400 | 4.650 |
| BLRGC | 2 | 0.000 | 2.204 | 1.681 | 0.000 | 0.000 | 2.318 | 2.318 | 20 | OP | 3.700 | 13.970 | 2.850 | 10.460 | 1.130 | 3.710 |
| BLRVC | 2 | 0.000 | 2.176 | 1.041 | 0.000 | 0.000 | 2.207 | 2.207 | 20 | OP | 3.550 | 13.420 | 2.710 | 9.970 | 1.060 | 3.490 |
| BLKHF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLPHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLPVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLQGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLQVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLRGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLRVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLKHF | 4 | 0.000 | 0.000 | 2.230 | 0.000 | 0.000 | 2.230 | 2.230 | 60 | OP | 0.590 | 2.260 | 0.470 | 1.730 | 0.140 | 0.440 |
| BLPHC | 4 | 0.000 | 2.573 | 1.748 | 0.000 | 0.000 | 2.634 | 2.634 | 20 | OP | 0.950 | 3.950 | 0.770 | 2.990 | 0.230 | 0.780 |
| BLPVC | 4 | 0.000 | 2.283 | 1.146 | 0.000 | 0.000 | 2.314 | 2.314 | 20 | OP | 3.970 | 15.380 | 3.040 | 11.410 | 1.200 | 3.960 |
| BLQGC | 4 | 0.000 | 2.417 | 1.892 | 0.000 | 0.000 | 2.530 | 2.530 | 20 | OP | 4.660 | 18.270 | 3.580 | 13.610 | 1.440 | 4.780 |
| BLQVC | 4 | 0.000 | 2.417 | 1.301 | 0.000 | 0.000 | 2.449 | 2.449 | 20 | OP | 4.590 | 18.270 | 3.500 | 13.510 | 1.400 | 4.650 |
| BLRGC | 4 | 0.000 | 2.204 | 1.681 | 0.000 | 0.000 | 2.318 | 2.318 | 20 | OP | 3.700 | 13.970 | 2.850 | 10.460 | 1.130 | 3.710 |
| BLRVC | 4 | 0.000 | 2.176 | 1.041 | 0.000 | 0.000 | 2.207 | 2.207 | 20 | OP | 3.550 | 13.420 | 2.710 | 9.970 | 1.060 | 3.490 |
| BLKHF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLPHC | 5 | 0.000 | 1.079 | 0.378 | 0.000 | 0.000 | 1.158 | 1.158 | 1440 | OP | 0.160 | 0.520 | 0.120 | 0.410 | 0.040 | 0.100 |
| BLPVC | 5 | 1.477 | 0.778 | 0.000 | -2.158 | -2.044 | 0.779 | 0.779 | 1440 | OP | 0.730 | 2.140 | 0.550 | 1.630 | 0.200 | 0.610 |
| BLQGC | 5 | 0.000 | 1.146 | 1.857 | 0.000 | 0.000 | 1.934 | 1.934 | 1200 | OP | 2.410 | 8.580 | 1.870 | 6.480 | 0.730 | 2.350 |
| BLQVC | 5 | 1.857 | 1.146 | 0.000 | -1.816 | -1.702 | 1.146 | 1.147 | 1440 | OP | 1.110 | 3.420 | 0.840 | 2.600 | 0.310 | 0.960 |
| BLRGC | 5 | 0.000 | 1.633 | 2.777 | 0.000 | 0.000 | 2.807 | 2.807 | 1200 | OP | 6.270 | 25.830 | 4.790 | 19.160 | 1.970 | 6.640 |
| BLRVC | 5 | 2.748 | 1.602 | 0.000 | -1.014 | -0.889 | 1.603 | 1.603 | 1440 | OP | 1.840 | 6.170 | 1.400 | 4.650 | 0.530 | 1.690 |

Report for file CNSBL

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BLKHC | 1 | 0.36 | 1.31 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 |
| BLPHC | 1 | 0.75 | 2.98 | 0.01 | 0.07 | 0.00 | 0.00 | 0.01 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.07 | 0.00 | 0.00 |
| BLPVC | 1 | 3.03 | 11.14 | 0.16 | 1.03 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.16 | 1.03 |
| BLQGC | 1 | 7.27 | 30.79 | 0.59 | 51.83 | 0.00 | 0.00 | 0.59 | 51.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 0.59 | 51.83 |
| BLQVC | 1 | 3.51 | 13.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.16 | 1.03 |
| BLRGC | 1 | 5.81 | 23.64 | 0.59 | 51.83 | 0.00 | 0.00 | 0.59 | 51.83 | 0.00 | 0.00 | 0.59 | 51.83 | 0.00 | 0.00 | 0.59 | 51.83 | 0.59 | 51.83 |
| BLRVC | 1 | 2.70 | 9.71 | 0.16 | 0.26 | 0.00 | 0.00 | 0.16 | 0.26 | 0.00 | 0.00 | 0.16 | 0.26 | 0.00 | 0.00 | 0.16 | 0.26 | 0.16 | 0.26 |
| BLKHF | 2 | 0.59 | 2.26 | 0.01 | 0.07 | 0.01 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.07 |
| BLPHC | 2 | 0.95 | 3.95 | 0.01 | 0.07 | 0.00 | 0.00 | 0.01 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.07 | 0.00 | 0.00 |
| BLPVC | 2 | 3.97 | 15.38 | 0.16 | 1.03 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.16 | 1.03 |
| BLQGC | 2 | 4.66 | 18.27 | 0.16 | 1.03 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.16 | 1.03 |
| BLQVC | 2 | 4.59 | 18.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.16 | 1.03 |
| BLRGC | 2 | 3.70 | 13.97 | 0.16 | 1.03 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 | 0.16 | 1.03 | 0.16 | 1.03 |
| BLRVC | 2 | 3.55 | 13.42 | 0.16 | 1.03 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 | 0.16 | 1.03 | 0.16 | 1.03 |
| BLKHF | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BLPHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BLPVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BLQGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BLQVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BLRGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BLRVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BLKHF | 4 | 0.59 | 2.26 | 0.01 | 0.07 | 0.01 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.07 |
| BLPHC | 4 | 0.95 | 3.95 | 0.01 | 0.07 | 0.00 | 0.00 | 0.01 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.07 | 0.00 | 0.00 |
| BLPVC | 4 | 3.97 | 15.38 | 0.16 | 1.03 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.16 | 1.03 |
| BLQGC | 4 | 4.66 | 18.27 | 0.16 | 1.03 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.16 | 1.03 |
| BLQVC | 4 | 4.59 | 18.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.16 | 1.03 |
| BLRGC | 4 | 3.70 | 13.97 | 0.16 | 1.03 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 | 0.16 | 1.03 | 0.16 | 1.03 |
| BLRVC | 4 | 3.55 | 13.42 | 0.16 | 1.03 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 | 0.16 | 1.03 | 0.16 | 1.03 |
| BLKHF | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BLPHC | 5 | 0.16 | 0.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BLPVC | 5 | 0.73 | 2.14 | 0.01 | 0.07 | 0.00 | 0.00 | 0.01 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.07 |
| BLQGC | 5 | 2.41 | 8.58 | 0.16 | 0.26 | 0.00 | 0.00 | 0.16 | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.16 | 0.26 |
| BLQVC | 5 | 1.11 | 3.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.03 | 0.07 |
| BLRGC | 5 | 6.27 | 25.83 | 0.59 | 51.83 | 0.00 | 0.00 | 0.59 | 51.83 | 0.00 | 0.00 | 0.59 | 51.83 | 0.00 | 0.00 | 0.59 | 51.83 | 0.59 | 51.83 |
| BLRVC | 5 | 1.84 | 6.17 | 0.03 | 0.26 | 0.00 | 0.00 | 0.03 | 0.26 | 0.00 | 0.00 | 0.03 | 0.26 | 0.00 | 0.00 | 0.03 | 0.26 | 0.03 | 0.26 |

Report for file CNSBL

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BLKHC | 1 | 0.36 | 1.31 | 0.00 | 0.05 | 0.00 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.05 |
| BLPHC | 1 | 0.75 | 2.98 | 0.04 | 0.17 | 0.00 | 0.00 | 0.04 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.04 | 0.17 | 0.00 | 0.00 |
| BLPVC | 1 | 3.03 | 11.14 | 0.26 | 1.75 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.26 | 1.75 |
| BLQGC | 1 | 7.27 | 30.79 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.79 | 1072.28 |
| BLQVC | 1 | 3.51 | 13.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.26 | 1.75 |
| BLRGC | 1 | 5.81 | 23.64 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.79 | 1072.28 |
| BLRVC | 1 | 2.70 | 9.71 | 0.26 | 0.42 | 0.00 | 0.00 | 0.26 | 0.42 | 0.00 | 0.00 | 0.26 | 0.42 | 0.00 | 0.00 | 0.26 | 0.42 | 0.26 | 0.42 |
| BLKHF | 2 | 0.59 | 2.26 | 0.04 | 0.17 | 0.04 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.00 | 0.00 | 0.04 | 0.17 | 0.04 | 0.17 |
| BLPHC | 2 | 0.95 | 3.95 | 0.04 | 0.17 | 0.00 | 0.00 | 0.04 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.04 | 0.17 | 0.00 | 0.00 |
| BLPVC | 2 | 3.97 | 15.38 | 0.26 | 1.75 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.26 | 1.75 |
| BLQGC | 2 | 4.66 | 18.27 | 0.26 | 1.75 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.26 | 1.75 |
| BLQVC | 2 | 4.59 | 18.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.26 | 1.75 |
| BLRGC | 2 | 3.70 | 13.97 | 0.26 | 1.75 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 | 0.26 | 1.75 | 0.26 | 1.75 |
| BLRVC | 2 | 3.55 | 13.42 | 0.26 | 1.75 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 | 0.26 | 1.75 | 0.26 | 1.75 |
| BLKHF | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BLPHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BLPVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BLQGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BLQVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BLRGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BLRVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BLKHF | 4 | 0.59 | 2.26 | 0.04 | 0.17 | 0.04 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.00 | 0.00 | 0.04 | 0.17 | 0.04 | 0.17 |
| BLPHC | 4 | 0.95 | 3.95 | 0.04 | 0.17 | 0.00 | 0.00 | 0.04 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.04 | 0.17 | 0.00 | 0.00 |
| BLPVC | 4 | 3.97 | 15.38 | 0.26 | 1.75 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.26 | 1.75 |
| BLQGC | 4 | 4.66 | 18.27 | 0.26 | 1.75 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.26 | 1.75 |
| BLQVC | 4 | 4.59 | 18.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.26 | 1.75 |
| BLRGC | 4 | 3.70 | 13.97 | 0.26 | 1.75 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 | 0.26 | 1.75 | 0.26 | 1.75 |
| BLRVC | 4 | 3.55 | 13.42 | 0.26 | 1.75 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 | 0.26 | 1.75 | 0.26 | 1.75 |
| BLKHF | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BLPHC | 5 | 0.16 | 0.52 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.03 | 0.00 | 0.00 |
| BLPVC | 5 | 0.73 | 2.14 | 0.04 | 0.17 | 0.00 | 0.00 | 0.04 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.04 | 0.17 |
| BLQGC | 5 | 2.41 | 8.58 | 0.26 | 0.42 | 0.00 | 0.00 | 0.26 | 0.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 0.26 | 0.42 |
| BLQVC | 5 | 1.11 | 3.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.08 | 0.17 |
| BLRGC | 5 | 6.27 | 25.83 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.79 | 1072.28 |
| BLRVC | 5 | 1.84 | 6.17 | 0.08 | 0.42 | 0.00 | 0.00 | 0.08 | 0.42 | 0.00 | 0.00 | 0.08 | 0.42 | 0.00 | 0.00 | 0.08 | 0.42 | 0.08 | 0.42 |

09/14/87

Report for file CNSBL

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BLKHC | 1 | 0.360 | 0.000 | 0.460 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLPHC | 1 | 0.750 | 0.030 | 0.720 | 0.480 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLPVC | 1 | 3.030 | 0.680 | 0.940 | 0.890 | 0.720 | 0.470 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLQGC | 1 | 7.270 | 3.650 | 0.980 | 0.960 | 0.890 | 0.780 | 0.570 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLQVC | 1 | 3.510 | 0.900 | 0.950 | 0.900 | 0.760 | 0.520 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLRGC | 1 | 5.810 | 2.380 | 0.970 | 0.950 | 0.860 | 0.730 | 0.470 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLRVC | 1 | 2.700 | 0.540 | 0.940 | 0.870 | 0.690 | 0.420 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLKHF | 2 | 0.590 | 0.010 | 0.640 | 0.410 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLPHC | 2 | 0.950 | 0.050 | 0.790 | 0.570 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLPVC | 2 | 3.970 | 1.140 | 0.960 | 0.920 | 0.790 | 0.580 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLQGC | 2 | 4.660 | 1.560 | 0.970 | 0.930 | 0.830 | 0.650 | 0.370 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLQVC | 2 | 4.590 | 1.510 | 0.960 | 0.930 | 0.820 | 0.640 | 0.360 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLRGC | 2 | 3.700 | 0.990 | 0.960 | 0.910 | 0.780 | 0.560 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLRVC | 2 | 3.550 | 0.920 | 0.950 | 0.910 | 0.770 | 0.530 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLKHF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLPHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLPVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLQGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLQVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLRGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLRVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLKHF | 4 | 0.590 | 0.010 | 0.640 | 0.410 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLPHC | 4 | 0.950 | 0.050 | 0.790 | 0.570 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLPVC | 4 | 3.970 | 1.140 | 0.960 | 0.920 | 0.790 | 0.580 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLQGC | 4 | 4.660 | 1.560 | 0.970 | 0.930 | 0.830 | 0.650 | 0.370 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLQVC | 4 | 4.590 | 1.510 | 0.960 | 0.930 | 0.820 | 0.640 | 0.360 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLRGC | 4 | 3.700 | 0.990 | 0.960 | 0.910 | 0.780 | 0.560 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLRVC | 4 | 3.550 | 0.920 | 0.950 | 0.910 | 0.770 | 0.530 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLKHF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLPHC | 5 | 0.160 | 0.000 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLPVC | 5 | 0.730 | 0.020 | 0.750 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLQGC | 5 | 2.410 | 0.430 | 0.930 | 0.860 | 0.660 | 0.380 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLQVC | 5 | 1.110 | 0.080 | 0.840 | 0.670 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLRGC | 5 | 6.270 | 2.750 | 0.970 | 0.950 | 0.870 | 0.750 | 0.500 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLRVC | 5 | 1.840 | 0.250 | 0.910 | 0.810 | 0.530 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSBL

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BLKHC | 1 | 1.310 | 0.070 | 0.800 | 0.610 | 0.340 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLPHC | 1 | 2.980 | 0.360 | 0.910 | 0.830 | 0.570 | 0.380 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLPVC | 1 | 11.140 | 4.040 | 0.980 | 0.970 | 0.910 | 0.830 | 0.660 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLQGC | 1 | 30.790 | 25.250 | 0.990 | 0.990 | 0.970 | 0.940 | 0.870 | 0.680 | 0.430 | 0.100 | 0.000 | 0.000 |
| BLQVC | 1 | 13.240 | 5.520 | 0.990 | 0.970 | 0.930 | 0.850 | 0.710 | 0.380 | 0.010 | 0.000 | 0.000 | 0.000 |
| BLRGC | 1 | 23.640 | 15.690 | 0.990 | 0.980 | 0.960 | 0.920 | 0.840 | 0.590 | 0.330 | 0.010 | 0.000 | 0.000 |
| BLRVC | 1 | 9.710 | 3.150 | 0.980 | 0.960 | 0.900 | 0.810 | 0.610 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLKHF | 2 | 2.260 | 0.220 | 0.890 | 0.770 | 0.480 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLPHC | 2 | 3.950 | 0.610 | 0.940 | 0.870 | 0.680 | 0.450 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLPVC | 2 | 15.380 | 7.230 | 0.990 | 0.970 | 0.940 | 0.870 | 0.750 | 0.430 | 0.100 | 0.000 | 0.000 | 0.000 |
| BLQGC | 2 | 18.270 | 9.860 | 0.990 | 0.980 | 0.950 | 0.900 | 0.790 | 0.490 | 0.210 | 0.000 | 0.000 | 0.000 |
| BLQVC | 2 | 18.270 | 9.860 | 0.990 | 0.980 | 0.950 | 0.890 | 0.780 | 0.480 | 0.200 | 0.000 | 0.000 | 0.000 |
| BLRGC | 2 | 13.970 | 6.080 | 0.990 | 0.970 | 0.930 | 0.870 | 0.730 | 0.410 | 0.040 | 0.000 | 0.000 | 0.000 |
| BLRVC | 2 | 13.420 | 5.650 | 0.990 | 0.970 | 0.930 | 0.860 | 0.710 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 |
| BLKHF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLPHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLPVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLQGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLQVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLRGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLRVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLKHF | 4 | 2.260 | 0.220 | 0.890 | 0.770 | 0.480 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLPHC | 4 | 3.950 | 0.610 | 0.940 | 0.870 | 0.680 | 0.450 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLPVC | 4 | 15.380 | 7.230 | 0.990 | 0.970 | 0.940 | 0.870 | 0.750 | 0.430 | 0.100 | 0.000 | 0.000 | 0.000 |
| BLQGC | 4 | 18.270 | 9.860 | 0.990 | 0.980 | 0.950 | 0.900 | 0.790 | 0.490 | 0.210 | 0.000 | 0.000 | 0.000 |
| BLQVC | 4 | 18.270 | 9.860 | 0.990 | 0.980 | 0.950 | 0.890 | 0.780 | 0.480 | 0.200 | 0.000 | 0.000 | 0.000 |
| BLRGC | 4 | 13.970 | 6.080 | 0.990 | 0.970 | 0.930 | 0.870 | 0.730 | 0.410 | 0.040 | 0.000 | 0.000 | 0.000 |
| BLRVC | 4 | 13.420 | 5.650 | 0.990 | 0.970 | 0.930 | 0.860 | 0.710 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 |
| BLKHF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLPHC | 5 | 0.520 | 0.000 | 0.500 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLPVC | 5 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLQGC | 5 | 8.580 | 2.520 | 0.980 | 0.960 | 0.890 | 0.790 | 0.570 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLQVC | 5 | 3.420 | 0.470 | 0.950 | 0.900 | 0.740 | 0.490 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BLRGC | 5 | 25.830 | 18.410 | 0.990 | 0.980 | 0.960 | 0.920 | 0.850 | 0.620 | 0.370 | 0.010 | 0.000 | 0.000 |
| BLRVC | 5 | 6.170 | 1.390 | 0.970 | 0.940 | 0.850 | 0.700 | 0.450 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |

# ACTIVITY CODE: BT

# AIR TRANSPORTATION (C141), TAKE-OFF

Report for file CNSBT

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BTKHC | 1 | 0.000 | 0.000 | 1.834 | 0.000 | 0.000 | 1.834 | 1.834 | 1440 | OP | 0.360 | 1.310 | 0.290 | 1.020 | 0.090 | 0.250 |
| BTPHC | 1 | 0.000 | 2.352 | 1.636 | 0.000 | 0.000 | 2.428 | 2.428 | 1440 | OP | 0.750 | 2.980 | 0.600 | 2.260 | 0.180 | 0.590 |
| BTPVC | 1 | 2.731 | 2.061 | 0.000 | -1.030 | -0.904 | 2.061 | 2.061 | 1440 | OP | 3.030 | 11.140 | 2.320 | 8.300 | 0.900 | 2.930 |
| BTQGC | 1 | 0.000 | 2.196 | 2.864 | 0.000 | 0.000 | 2.948 | 2.948 | 1200 | OP | 7.270 | 30.790 | 5.550 | 22.800 | 2.310 | 7.860 |
| BTQVC | 1 | 2.864 | 2.196 | 0.000 | -0.910 | -0.782 | 2.196 | 2.196 | 1440 | OP | 3.510 | 13.240 | 2.680 | 9.850 | 1.050 | 3.440 |
| BTRGC | 1 | 0.000 | 1.982 | 2.652 | 0.000 | 0.000 | 2.736 | 2.736 | 1200 | OP | 5.810 | 23.640 | 4.450 | 17.550 | 1.820 | 6.100 |
| BTRVC | 1 | 2.623 | 1.954 | 0.000 | -1.127 | -1.003 | 1.954 | 1.954 | 1440 | OP | 2.700 | 9.710 | 2.060 | 7.250 | 0.800 | 2.580 |
| BTKHF | 2 | 0.000 | 0.000 | 2.230 | 0.000 | 0.000 | 2.230 | 2.230 | 60 | OP | 0.590 | 2.260 | 0.470 | 1.730 | 0.140 | 0.440 |
| BTPHC | 2 | 0.000 | 2.573 | 1.748 | 0.000 | 0.000 | 2.634 | 2.634 | 20 | OP | 0.950 | 3.950 | 0.770 | 2.990 | 0.230 | 0.780 |
| BTPVC | 2 | 0.000 | 2.283 | 1.146 | 0.000 | 0.000 | 2.314 | 2.314 | 20 | OP | 3.970 | 15.380 | 3.040 | 11.410 | 1.200 | 3.960 |
| BTQGC | 2 | 0.000 | 2.417 | 1.892 | 0.000 | 0.000 | 2.530 | 2.530 | 20 | OP | 4.660 | 18.270 | 3.580 | 13.610 | 1.440 | 4.780 |
| BTQVC | 2 | 0.000 | 2.417 | 1.301 | 0.000 | 0.000 | 2.449 | 2.449 | 20 | OP | 4.590 | 18.270 | 3.500 | 13.510 | 1.400 | 4.650 |
| BTRGC | 2 | 0.000 | 2.204 | 1.681 | 0.000 | 0.000 | 2.318 | 2.318 | 20 | OP | 3.700 | 13.970 | 2.850 | 10.460 | 1.130 | 3.710 |
| BTRVC | 2 | 0.000 | 2.176 | 1.041 | 0.000 | 0.000 | 2.207 | 2.207 | 20 | OP | 3.550 | 13.420 | 2.710 | 9.970 | 1.060 | 3.490 |
| BTKHF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTPHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTPVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTQGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTQVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTRGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTRVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTKHF | 4 | 0.000 | 0.000 | 2.230 | 0.000 | 0.000 | 2.230 | 2.230 | 60 | OP | 0.590 | 2.260 | 0.470 | 1.730 | 0.140 | 0.440 |
| BTPHC | 4 | 0.000 | 2.573 | 1.748 | 0.000 | 0.000 | 2.634 | 2.634 | 20 | OP | 0.950 | 3.950 | 0.770 | 2.990 | 0.230 | 0.780 |
| BTPVC | 4 | 0.000 | 2.283 | 1.146 | 0.000 | 0.000 | 2.314 | 2.314 | 20 | OP | 3.970 | 15.380 | 3.040 | 11.410 | 1.200 | 3.960 |
| BTQGC | 4 | 0.000 | 2.417 | 1.892 | 0.000 | 0.000 | 2.530 | 2.530 | 20 | OP | 4.660 | 18.270 | 3.580 | 13.610 | 1.440 | 4.780 |
| BTQVC | 4 | 0.000 | 2.417 | 1.301 | 0.000 | 0.000 | 2.449 | 2.449 | 20 | OP | 4.590 | 18.270 | 3.500 | 13.510 | 1.400 | 4.650 |
| BTRGC | 4 | 0.000 | 2.204 | 1.681 | 0.000 | 0.000 | 2.318 | 2.318 | 20 | OP | 3.700 | 13.970 | 2.850 | 10.460 | 1.130 | 3.710 |
| BTRVC | 4 | 0.000 | 2.176 | 1.041 | 0.000 | 0.000 | 2.207 | 2.207 | 20 | OP | 3.550 | 13.420 | 2.710 | 9.970 | 1.060 | 3.490 |
| BTKHF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTPHC | 5 | 0.000 | 1.079 | 0.378 | 0.000 | 0.000 | 1.158 | 1.158 | 1440 | OP | 0.160 | 0.520 | 0.120 | 0.410 | 0.040 | 0.100 |
| BTPVC | 5 | 1.477 | 0.778 | 0.000 | -2.158 | -2.044 | 0.779 | 0.779 | 1440 | OP | 0.730 | 2.140 | 0.550 | 1.630 | 0.200 | 0.610 |
| BTQGC | 5 | 0.000 | 1.146 | 1.857 | 0.000 | 0.000 | 1.934 | 1.934 | 1200 | OP | 2.410 | 8.580 | 1.870 | 6.480 | 0.730 | 2.350 |
| BTQVC | 5 | 1.857 | 1.146 | 0.000 | -1.816 | -1.702 | 1.146 | 1.147 | 1440 | OP | 1.110 | 3.420 | 0.840 | 2.600 | 0.310 | 0.960 |
| BTRGC | 5 | 0.000 | 1.633 | 2.777 | 0.000 | 0.000 | 2.807 | 2.807 | 1200 | OP | 6.270 | 25.830 | 4.790 | 19.160 | 1.970 | 6.640 |
| BTRVC | 5 | 2.748 | 1.602 | 0.000 | -1.014 | -0.889 | 1.603 | 1.603 | 1440 | OP | 1.840 | 6.170 | 1.400 | 4.650 | 0.530 | 1.690 |

Report for file CNSBT

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BTKHC | 1 | 0.36 | 1.31 | 0.00 | 0.07 | 0.00 | 2.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| BTPHC | 1 | 0.75 | 2.98 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| BTPVC | 1 | 3.03 | 11.14 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| BTQGC | 1 | 7.27 | 30.79 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| BTQVC | 1 | 3.51 | 13.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| BTRGC | 1 | 5.81 | 23.64 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| BTRVC | 1 | 2.70 | 9.71 | 1.72 | 21.28 | 0.00 | 0.00 | 6.66 | 49.52 | 0.00 | 0.00 | 5.55 | 13.81 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| BTKHF | 2 | 0.59 | 2.26 | 0.03 | 0.68 | 2.40 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| BTPHC | 2 | 0.95 | 3.95 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| BTPVC | 2 | 3.97 | 15.38 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| BTQGC | 2 | 4.66 | 18.27 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| BTQVC | 2 | 4.59 | 18.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| BTRGC | 2 | 3.70 | 13.97 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| BTRVC | 2 | 3.55 | 13.42 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| BTKHF | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BTPHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BTPVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BTQGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BTQVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BTRGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BTRVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BTKHF | 4 | 0.59 | 2.26 | 0.03 | 0.68 | 2.40 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| BTPHC | 4 | 0.95 | 3.95 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| BTPVC | 4 | 3.97 | 15.38 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| BTQGC | 4 | 4.66 | 18.27 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| BTQVC | 4 | 4.59 | 18.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| BTRGC | 4 | 3.70 | 13.97 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| BTRVC | 4 | 3.55 | 13.42 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| BTKHF | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BTPHC | 5 | 0.16 | 0.52 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| BTPVC | 5 | 0.73 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| BTQGC | 5 | 2.41 | 8.58 | 1.72 | 21.28 | 0.00 | 0.00 | 6.66 | 49.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| BTQVC | 5 | 1.11 | 3.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| BTRGC | 5 | 6.27 | 25.83 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| BTRVC | 5 | 1.84 | 6.17 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |

Report for file CNSBT

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BTKHC | 1 | 0.36 | 1.31 | 0.00 | 0.41 | 0.00 | 83.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.16 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| BTPHC | 1 | 0.75 | 2.98 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| BTPVC | 1 | 3.03 | 11.14 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| BTQGC | 1 | 7.27 | 30.79 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| BTQVC | 1 | 3.51 | 13.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| BTRGC | 1 | 5.81 | 23.64 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| BTRVC | 1 | 2.70 | 9.71 | 5.82 | 57.27 | 0.00 | 0.00 | 29.38 | 468.74 | 0.00 | 0.00 | 24.90 | 38.89 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| BTKHF | 2 | 0.59 | 2.26 | 0.19 | 2.85 | 67.78 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| BTPHC | 2 | 0.95 | 3.95 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| BTPVC | 2 | 3.97 | 15.38 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| BTQGC | 2 | 4.66 | 18.27 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| BTQVC | 2 | 4.59 | 18.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| BTRGC | 2 | 3.70 | 13.97 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| BTRVC | 2 | 3.55 | 13.42 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| BTKHF | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BTPHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BTPVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BTQGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BTQVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BTRGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BTRVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BTKHF | 4 | 0.59 | 2.26 | 0.19 | 2.85 | 67.78 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| BTPHC | 4 | 0.95 | 3.95 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| BTPVC | 4 | 3.97 | 15.38 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| BTQGC | 4 | 4.66 | 18.27 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| BTQVC | 4 | 4.59 | 18.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| BTRGC | 4 | 3.70 | 13.97 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| BTRVC | 4 | 3.55 | 13.42 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| BTKHF | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| BTPHC | 5 | 0.16 | 0.52 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.00 | 0.03 | 0.00 | 0.00 |
| BTPVC | 5 | 0.73 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| BTQGC | 5 | 2.41 | 8.58 | 5.82 | 57.27 | 0.00 | 0.00 | 29.38 | 468.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| BTQVC | 5 | 1.11 | 3.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| BTRGC | 5 | 6.27 | 25.83 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| BTRVC | 5 | 1.84 | 6.17 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |

Report for file CNSBT

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BTKHC | 1 | 0.360 | 0.000 | 0.460 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTPHC | 1 | 0.750 | 0.030 | 0.720 | 0.480 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTPVC | 1 | 3.030 | 0.680 | 0.940 | 0.890 | 0.720 | 0.470 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTQGC | 1 | 7.270 | 3.650 | 0.980 | 0.960 | 0.890 | 0.780 | 0.570 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTQVC | 1 | 3.510 | 0.900 | 0.950 | 0.900 | 0.760 | 0.520 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTRGC | 1 | 5.810 | 2.380 | 0.970 | 0.950 | 0.860 | 0.730 | 0.470 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTRVC | 1 | 2.700 | 0.540 | 0.940 | 0.870 | 0.690 | 0.420 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTKHF | 2 | 0.590 | 0.010 | 0.640 | 0.410 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTPHC | 2 | 0.950 | 0.050 | 0.790 | 0.570 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTPVC | 2 | 3.970 | 1.140 | 0.960 | 0.920 | 0.790 | 0.580 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTQGC | 2 | 4.660 | 1.560 | 0.970 | 0.930 | 0.830 | 0.650 | 0.370 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTQVC | 2 | 4.590 | 1.510 | 0.960 | 0.930 | 0.820 | 0.640 | 0.360 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTRGC | 2 | 3.700 | 0.990 | 0.960 | 0.910 | 0.780 | 0.560 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTRVC | 2 | 3.550 | 0.920 | 0.950 | 0.910 | 0.770 | 0.530 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTKHF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTPHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTPVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTQGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTQVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTRGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTRVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTKHF | 4 | 0.590 | 0.010 | 0.640 | 0.410 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTPHC | 4 | 0.950 | 0.050 | 0.790 | 0.570 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTPVC | 4 | 3.970 | 1.140 | 0.960 | 0.920 | 0.790 | 0.580 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTQGC | 4 | 4.660 | 1.560 | 0.970 | 0.930 | 0.830 | 0.650 | 0.370 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTQVC | 4 | 4.590 | 1.510 | 0.960 | 0.930 | 0.820 | 0.640 | 0.360 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTRGC | 4 | 3.700 | 0.990 | 0.960 | 0.910 | 0.780 | 0.560 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTRVC | 4 | 3.550 | 0.920 | 0.950 | 0.910 | 0.770 | 0.530 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTKHF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTPHC | 5 | 0.160 | 0.000 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTPVC | 5 | 0.730 | 0.020 | 0.750 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTQGC | 5 | 2.410 | 0.430 | 0.930 | 0.860 | 0.660 | 0.380 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTQVC | 5 | 1.110 | 0.080 | 0.840 | 0.670 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTRGC | 5 | 6.270 | 2.750 | 0.970 | 0.950 | 0.870 | 0.750 | 0.500 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTRVC | 5 | 1.840 | 0.250 | 0.910 | 0.810 | 0.530 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSBT

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BTKHC | 1 | 1.310 | 0.070 | 0.800 | 0.610 | 0.340 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTPHC | 1 | 2.980 | 0.360 | 0.910 | 0.830 | 0.570 | 0.380 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTPVC | 1 | 11.140 | 4.040 | 0.980 | 0.970 | 0.910 | 0.830 | 0.660 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTQGC | 1 | 30.790 | 25.250 | 0.990 | 0.990 | 0.970 | 0.940 | 0.870 | 0.680 | 0.430 | 0.100 | 0.000 | 0.000 |
| BTQVC | 1 | 13.240 | 5.520 | 0.990 | 0.970 | 0.930 | 0.850 | 0.710 | 0.380 | 0.010 | 0.000 | 0.000 | 0.000 |
| BTRGC | 1 | 23.640 | 15.690 | 0.990 | 0.980 | 0.960 | 0.920 | 0.840 | 0.590 | 0.330 | 0.010 | 0.000 | 0.000 |
| BTRVC | 1 | 9.710 | 3.150 | 0.980 | 0.960 | 0.900 | 0.810 | 0.610 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTKHF | 2 | 2.260 | 0.220 | 0.890 | 0.770 | 0.480 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTPHC | 2 | 3.950 | 0.610 | 0.940 | 0.870 | 0.680 | 0.450 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTPVC | 2 | 15.380 | 7.230 | 0.990 | 0.970 | 0.940 | 0.870 | 0.750 | 0.430 | 0.100 | 0.000 | 0.000 | 0.000 |
| BTQGC | 2 | 18.270 | 9.860 | 0.990 | 0.980 | 0.950 | 0.900 | 0.790 | 0.490 | 0.210 | 0.000 | 0.000 | 0.000 |
| BTQVC | 2 | 18.270 | 9.860 | 0.990 | 0.980 | 0.950 | 0.890 | 0.780 | 0.480 | 0.200 | 0.000 | 0.000 | 0.000 |
| BTRGC | 2 | 13.970 | 6.080 | 0.990 | 0.970 | 0.930 | 0.870 | 0.730 | 0.410 | 0.040 | 0.000 | 0.000 | 0.000 |
| BTRVC | 2 | 13.420 | 5.650 | 0.990 | 0.970 | 0.930 | 0.860 | 0.710 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 |
| BTKHF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTPHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTPVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTQGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTQVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTRGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTRVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTKHF | 4 | 2.260 | 0.220 | 0.890 | 0.770 | 0.480 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTPHC | 4 | 3.950 | 0.610 | 0.940 | 0.870 | 0.680 | 0.450 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTPVC | 4 | 15.380 | 7.230 | 0.990 | 0.970 | 0.940 | 0.870 | 0.750 | 0.430 | 0.100 | 0.000 | 0.000 | 0.000 |
| BTQGC | 4 | 18.270 | 9.860 | 0.990 | 0.980 | 0.950 | 0.900 | 0.790 | 0.490 | 0.210 | 0.000 | 0.000 | 0.000 |
| BTQVC | 4 | 18.270 | 9.860 | 0.990 | 0.980 | 0.950 | 0.890 | 0.780 | 0.480 | 0.200 | 0.000 | 0.000 | 0.000 |
| BTRGC | 4 | 13.970 | 6.080 | 0.990 | 0.970 | 0.930 | 0.870 | 0.730 | 0.410 | 0.040 | 0.000 | 0.000 | 0.000 |
| BTRVC | 4 | 13.420 | 5.650 | 0.990 | 0.970 | 0.930 | 0.860 | 0.710 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 |
| BTKHF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTPHC | 5 | 0.520 | 0.000 | 0.500 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTPVC | 5 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTQGC | 5 | 8.580 | 2.520 | 0.980 | 0.960 | 0.890 | 0.790 | 0.570 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTQVC | 5 | 3.420 | 0.470 | 0.950 | 0.900 | 0.740 | 0.490 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| BTRGC | 5 | 25.830 | 18.410 | 0.990 | 0.980 | 0.960 | 0.920 | 0.850 | 0.620 | 0.370 | 0.010 | 0.000 | 0.000 |
| BTRVC | 5 | 6.170 | 1.390 | 0.970 | 0.940 | 0.850 | 0.700 | 0.450 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |

# ACTIVITY CODE: HA

# HANDLING DUE TO AIR MODE (C5)

Report for file CNSHA

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HAKHS | 1 | 3.230 | 0.000 | 0.000 | 1.057 | 1.028 | 1.057 | 1.028 | 60 | ON | 0.140 | 0.430 | 0.110 | 0.340 | 0.030 | 0.080 |
| HAPHS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGS | 1 | 0.000 | 0.000 | -0.351 | 0.000 | 0.000 | -0.351 | -0.351 | 60 | ON | 0.070 | 0.210 | 0.050 | 0.160 | 0.020 | 0.050 |
| HARVS | 1 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAKHF | 2 | 0.000 | 0.000 | 1.929 | 0.000 | 0.000 | 1.929 | 1.929 | 10 | ON | 0.410 | 1.500 | 0.330 | 1.160 | 0.100 | 0.290 |
| HAPHS | 3 | 0.000 | 0.000 | -2.678 | 0.000 | 0.000 | -2.678 | -2.678 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVS | 3 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGS | 3 | 0.000 | 0.000 | -0.252 | 0.000 | 0.000 | -0.252 | -0.252 | 60 | ON | 0.080 | 0.250 | 0.060 | 0.180 | 0.020 | 0.060 |
| HARGS | 3 | 0.000 | 0.000 | -0.351 | 0.000 | 0.000 | -0.351 | -0.351 | 60 | ON | 0.070 | 0.210 | 0.050 | 0.160 | 0.020 | 0.050 |
| HARVS | 3 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAKHS | 4 | 3.230 | 0.000 | 0.000 | 1.057 | 1.028 | 1.057 | 1.028 | 60 | ON | 0.140 | 0.430 | 0.110 | 0.340 | 0.030 | 0.080 |
| HAPHS | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVS | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGS | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGS | 4 | 0.000 | 0.000 | -0.351 | 0.000 | 0.000 | -0.351 | -0.351 | 60 | ON | 0.070 | 0.210 | 0.050 | 0.160 | 0.020 | 0.050 |
| HARVS | 4 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAKHS | 5 | 3.230 | 0.000 | 0.000 | 1.057 | 1.028 | 1.057 | 1.028 | 60 | ON | 0.140 | 0.430 | 0.110 | 0.340 | 0.030 | 0.080 |
| HAPHS | 5 | 0.778 | 0.000 | 0.000 | -1.150 | -1.173 | -1.150 | -1.173 | 60 | ON | 0.010 | 0.020 | 0.010 | 0.010 | 0.000 | 0.000 |
| HAPVS | 5 | 1.161 | 0.000 | 0.000 | -3.015 | -2.877 | -3.015 | -2.877 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HAQGS | 5 | 1.079 | 0.000 | 0.000 | 0.548 | 0.429 | 0.548 | 0.429 | 60 | ON | 0.230 | 0.630 | 0.170 | 0.460 | 0.060 | 0.150 |
| HARGS | 5 | 1.029 | 0.000 | 0.000 | 0.503 | 0.384 | 0.503 | 0.384 | 60 | ON | 0.210 | 0.590 | 0.160 | 0.440 | 0.060 | 0.140 |
| HARVS | 5 | 1.000 | 0.000 | 0.000 | -3.160 | -3.021 | -3.160 | -3.021 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HAKHF | 6 | 0.000 | 0.000 | 1.929 | 0.000 | 0.000 | 1.929 | 1.929 | 10 | ON | 0.410 | 1.500 | 0.330 | 1.160 | 0.100 | 0.290 |
| HAPHF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGF | 6 | 0.000 | 0.000 | 0.029 | 0.000 | 0.000 | 0.029 | 0.029 | 10 | ON | 0.160 | 0.480 | 0.120 | 0.360 | 0.040 | 0.120 |
| HARVF | 6 | 0.000 | 0.000 | -0.602 | 0.000 | 0.000 | -0.602 | -0.602 | 10 | ON | 0.110 | 0.340 | 0.080 | 0.250 | 0.030 | 0.080 |
| HAKHS | 7 | 3.230 | 0.000 | 0.000 | 1.057 | 1.028 | 1.057 | 1.028 | 60 | ON | 0.140 | 0.430 | 0.110 | 0.340 | 0.030 | 0.080 |
| HAPHS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGS | 7 | 1.029 | 0.000 | 0.000 | 0.503 | 0.384 | 0.503 | 0.384 | 60 | ON | 0.210 | 0.590 | 0.160 | 0.440 | 0.060 | 0.140 |
| HARVS | 7 | 1.000 | 0.000 | 0.000 | -3.160 | -3.021 | -3.160 | -3.021 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HAKHS | 8 | 3.230 | 0.000 | 0.000 | 1.057 | 1.028 | 1.057 | 1.028 | 60 | ON | 0.140 | 0.430 | 0.110 | 0.340 | 0.030 | 0.080 |
| HAPHS | 8 | 1.068 | 0.000 | 0.000 | -0.889 | -0.913 | -0.889 | -0.913 | 60 | ON | 0.010 | 0.030 | 0.010 | 0.020 | 0.000 | 0.010 |
| HAPVS | 8 | 0.778 | 0.000 | 0.000 | -3.360 | -3.220 | -3.360 | -3.220 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |

Report for file CNSHA

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HAQGS | 8 | 1.161 | 0.000 | 0.000 | 0.622 | 0.502 | 0.622 | 0.502 | 60 | ON | 0.250 | 0.700 | 0.190 | 0.510 | 0.060 | 0.170 |
| HARGS | 8 | 1.029 | 0.000 | 0.000 | 0.503 | 0.384 | 0.503 | 0.384 | 60 | ON | 0.210 | 0.590 | 0.160 | 0.440 | 0.060 | 0.140 |
| HARVS | 8 | 1.000 | 0.000 | 0.000 | -3.160 | -3.021 | -3.160 | -3.021 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HAKHF | 9 | 0.000 | 0.000 | 1.929 | 0.000 | 0.000 | 1.929 | 1.929 | 10 | ON | 0.410 | 1.500 | 0.330 | 1.160 | 0.100 | 0.290 |
| HAPHF | 9 | 0.000 | 0.000 | -0.233 | 0.000 | 0.000 | -0.233 | -0.233 | 10 | ON | 0.030 | 0.070 | 0.020 | 0.060 | 0.010 | 0.010 |
| HAPVF | 9 | 0.000 | 0.000 | -0.824 | 0.000 | 0.000 | -0.824 | -0.824 | 10 | ON | 0.080 | 0.260 | 0.060 | 0.190 | 0.020 | 0.060 |
| HAQGF | 9 | 0.000 | 0.000 | 0.161 | 0.000 | 0.000 | 0.161 | 0.161 | 10 | ON | 0.180 | 0.570 | 0.140 | 0.430 | 0.050 | 0.140 |
| HARGF | 9 | 0.000 | 0.000 | 0.029 | 0.000 | 0.000 | 0.029 | 0.029 | 10 | ON | 0.160 | 0.480 | 0.120 | 0.360 | 0.040 | 0.120 |
| HARVF | 9 | 0.000 | 0.000 | -0.602 | 0.000 | 0.000 | -0.602 | -0.602 | 10 | ON | 0.110 | 0.340 | 0.080 | 0.250 | 0.030 | 0.080 |
| HAKHS | 10 | 3.230 | 0.000 | 0.000 | 1.057 | 1.028 | 1.057 | 1.028 | 60 | ON | 0.140 | 0.430 | 0.110 | 0.340 | 0.030 | 0.080 |
| HAPHS | 10 | 1.068 | 0.000 | 0.000 | -0.889 | -0.913 | -0.889 | -0.913 | 60 | ON | 0.010 | 0.030 | 0.010 | 0.020 | 0.000 | 0.010 |
| HAPVS | 10 | 0.778 | 0.000 | 0.000 | -3.360 | -3.220 | -3.360 | -3.220 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HAQGS | 10 | 1.161 | 0.000 | 0.000 | 0.622 | 0.502 | 0.622 | 0.502 | 60 | ON | 0.250 | 0.700 | 0.190 | 0.510 | 0.060 | 0.170 |
| HARGS | 10 | 1.029 | 0.000 | 0.000 | 0.503 | 0.384 | 0.503 | 0.384 | 60 | ON | 0.210 | 0.590 | 0.160 | 0.440 | 0.060 | 0.140 |
| HARVS | 10 | 1.000 | 0.000 | 0.000 | -3.160 | -3.021 | -3.160 | -3.021 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HAPHC | 11 | 0.000 | 1.068 | -3.155 | 0.000 | 0.000 | 1.068 | 1.068 | 60 | ON | 0.140 | 0.450 | 0.110 | 0.360 | 0.030 | 0.090 |
| HAPVC | 11 | 0.000 | 0.778 | -5.000 | 0.000 | 0.000 | 0.778 | 0.778 | 60 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| HAQGC | 11 | 0.000 | 1.161 | -0.770 | 0.000 | 0.000 | 1.166 | 1.166 | 60 | ON | 1.000 | 3.220 | 0.780 | 2.470 | 0.290 | 0.920 |
| HARGC | 11 | 0.000 | 1.330 | 0.017 | 0.000 | 0.000 | 1.351 | 1.351 | 60 | ON | 1.240 | 4.070 | 0.970 | 3.120 | 0.360 | 1.160 |
| HARVC | 11 | 0.000 | 1.301 | -5.000 | 0.000 | 0.000 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| HAPHC | 12 | 0.000 | 1.068 | -3.155 | 0.000 | 0.000 | 1.068 | 1.068 | 60 | ON | 0.140 | 0.450 | 0.110 | 0.360 | 0.030 | 0.090 |
| HAPVC | 12 | 0.000 | 0.778 | -5.000 | 0.000 | 0.000 | 0.778 | 0.778 | 60 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| HAQGC | 12 | 0.000 | 1.161 | -0.770 | 0.000 | 0.000 | 1.166 | 1.166 | 60 | ON | 1.000 | 3.220 | 0.780 | 2.470 | 0.290 | 0.920 |
| HARGC | 12 | 0.000 | 1.330 | 0.017 | 0.000 | 0.000 | 1.351 | 1.351 | 60 | ON | 1.240 | 4.070 | 0.970 | 3.120 | 0.360 | 1.160 |
| HARVC | 12 | 0.000 | 1.301 | -5.000 | 0.000 | 0.000 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| HARGS | 17 | 0.000 | 0.000 | -0.841 | 0.000 | 0.000 | -0.841 | -0.841 | 60 | ON | 0.040 | 0.110 | 0.030 | 0.080 | 0.010 | 0.020 |
| HARVS | 17 | 0.000 | 0.000 | -5.328 | 0.000 | 0.000 | -5.328 | -5.328 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGS | 18 | 0.000 | 0.000 | -0.841 | 0.000 | 0.000 | -0.841 | -0.841 | 60 | ON | 0.040 | 0.110 | 0.030 | 0.080 | 0.010 | 0.020 |
| HARVS | 18 | 0.000 | 0.000 | -5.328 | 0.000 | 0.000 | -5.328 | -5.328 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGS | 19 | 0.000 | 0.000 | -0.841 | 0.000 | 0.000 | -0.841 | -0.841 | 60 | ON | 0.040 | 0.110 | 0.030 | 0.080 | 0.010 | 0.020 |
| HARVS | 19 | 0.000 | 0.000 | -5.328 | 0.000 | 0.000 | -5.328 | -5.328 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGS | 21 | 0.000 | 0.000 | -0.841 | 0.000 | 0.000 | -0.841 | -0.841 | 60 | ON | 0.040 | 0.110 | 0.030 | 0.080 | 0.010 | 0.020 |
| HARVS | 21 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHC | 22 | 1.767 | 1.068 | 0.000 | -0.260 | -0.286 | 1.088 | 1.087 | 60 | ON | 0.140 | 0.470 | 0.110 | 0.370 | 0.030 | 0.090 |
| HAPVC | 22 | 1.477 | 0.778 | 0.000 | -2.731 | -2.593 | 0.778 | 0.778 | 60 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| HAQGC | 22 | 1.860 | 1.161 | 0.000 | 1.251 | 1.129 | 1.509 | 1.446 | 60 | ON | 1.490 | 4.600 | 1.160 | 3.510 | 0.440 | 1.300 |
| HARGC | 22 | 2.143 | 1.330 | 0.000 | 1.506 | 1.383 | 1.728 | 1.659 | 60 | ON | 1.910 | 6.040 | 490 | 4.590 | 0.570 | 1.680 |
| HARVC | 22 | 2.114 | 1.301 | 0.000 | -2.157 | -2.022 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| HAPHC | 23 | 1.767 | 1.068 | 0.000 | -0.260 | -0.286 | 1.088 | 1.087 | 60 | ON | 0.140 | 0.470 | 0.110 | 0.370 | 0.030 | 0.090 |

Report for file CNSHA

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HAPVC | 23 | 1.477 | 0.778 | 0.000 | -2.731 | -2.593 | 0.778 | 0.778 | 60 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| HAQGC | 23 | 1.860 | 1.161 | 0.000 | 1.251 | 1.129 | 1.509 | 1.446 | 60 | ON | 1.490 | 4.600 | 1.160 | 3.510 | 0.440 | 1.300 |
| HARGC | 23 | 2.143 | 1.330 | 0.000 | 1.506 | 1.383 | 1.728 | 1.659 | 60 | ON | 1.910 | 6.040 | 1.490 | 4.590 | 0.570 | 1.680 |
| HARVC | 23 | 2.114 | 1.301 | 0.000 | -2.157 | -2.022 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| HAPHC | 24 | 1.767 | 1.068 | 0.000 | -0.260 | -0.286 | 1.088 | 1.087 | 60 | ON | 0.140 | 0.470 | 0.110 | 0.370 | 0.030 | 0.090 |
| HAPVC | 24 | 1.477 | 0.778 | 0.000 | -2.731 | -2.593 | 0.778 | 0.778 | 60 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| HAQGC | 24 | 1.860 | 1.161 | 0.000 | 1.251 | 1.129 | 1.509 | 1.446 | 60 | ON | 1.490 | 4.600 | 1.160 | 3.510 | 0.440 | 1.300 |
| HARGC | 24 | 2.143 | 1.330 | 0.000 | 1.506 | 1.383 | 1.728 | 1.659 | 60 | ON | 1.910 | 6.040 | 1.490 | 4.590 | 0.570 | 1.680 |
| HARVC | 24 | 2.114 | 1.301 | 0.000 | -2.157 | -2.022 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| HAPHC | 25 | 1.767 | 1.068 | 0.000 | -0.260 | -0.286 | 1.088 | 1.087 | 60 | ON | 0.140 | 0.470 | 0.110 | 0.370 | 0.030 | 0.090 |
| HAPVC | 25 | 1.477 | 0.778 | 0.000 | -2.731 | -2.593 | 0.778 | 0.778 | 60 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| HAQGC | 25 | 1.860 | 1.161 | 0.000 | 1.251 | 1.129 | 1.509 | 1.446 | 60 | ON | 1.490 | 4.600 | 1.160 | 3.510 | 0.440 | 1.300 |
| HARGC | 25 | 2.143 | 1.330 | 0.000 | 1.506 | 1.383 | 1.728 | 1.659 | 60 | ON | 1.910 | 6.040 | 1.490 | 4.590 | 0.570 | 1.680 |
| HARVC | 25 | 2.114 | 1.301 | 0.000 | -2.157 | -2.022 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| HAKHF | 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHC | 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVC | 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGC | 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGC | 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVC | 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAKHF | 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHC | 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVC | 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGC | 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGC | 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVC | 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGC | 29 | 0.000 | 1.330 | 0.017 | 0.000 | 0.000 | 1.351 | 1.351 | 60 | ON | 1.240 | 4.070 | 0.970 | 3.120 | 0.360 | 1.160 |
| HARVC | 29 | 0.000 | 1.301 | -5.000 | 0.000 | 0.000 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| HARGC | 30 | 0.000 | 1.029 | 0.000 | 0.000 | 0.000 | 1.029 | 1.029 | 0 | ON | 0.850 | 2.700 | 0.670 | 2.080 | 0.250 | 0.770 |
| HARVC | 30 | 0.000 | 1.000 | 0.000 | 0.000 | 0.000 | 1.000 | 1.000 | 0 | ON | 0.940 | 2.840 | 0.710 | 2.150 | 0.260 | 0.800 |
| HARGC | 31 | 0.000 | 1.330 | 0.017 | 0.000 | 0.000 | 1.351 | 1.351 | 60 | ON | 1.240 | 4.070 | 0.970 | 3.120 | 0.360 | 1.160 |
| HARVC | 31 | 0.000 | 1.301 | -5.000 | 0.000 | 0.000 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| HARGS | 32 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVS | 32 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHA

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HAKHS | 1 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPHS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAQGS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARGS | 1 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARVS | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAKHF | 2 | 0.41 | 1.50 | 0.00 | 0.07 | 0.00 | 2.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| HAPHS | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAQGS | 3 | 0.08 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARGS | 3 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARVS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAKHS | 4 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPHS | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVS | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAQGS | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARGS | 4 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARVS | 4 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAKHS | 5 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPHS | 5 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVS | 5 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAQGS | 5 | 0.23 | 0.63 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARGS | 5 | 0.21 | 0.59 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARVS | 5 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAKHF | 6 | 0.41 | 1.50 | 0.00 | 0.07 | 0.00 | 2.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| HAPHF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAQGF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARGF | 6 | 0.16 | 0.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARVF | 6 | 0.11 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAKHS | 7 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPHS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAQGS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARGS | 7 | 0.21 | 0.59 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARVS | 7 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAKHS | 8 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHA

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HAPHS | 8 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVS | 8 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAQGS | 8 | 0.25 | 0.70 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARGS | 8 | 0.21 | 0.59 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARVS | 8 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAKHF | 9 | 0.41 | 1.50 | 0.00 | 0.07 | 0.00 | 2.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| HAPHF | 9 | 0.03 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVF | 9 | 0.08 | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAQGF | 9 | 0.18 | 0.57 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARGF | 9 | 0.16 | 0.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARVF | 9 | 0.11 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAKHS | 10 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPHS | 10 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVS | 10 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAQGS | 10 | 0.25 | 0.70 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARGS | 10 | 0.21 | 0.59 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARVS | 10 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPHC | 11 | 0.14 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVC | 11 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HAQGC | 11 | 1.00 | 3.22 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HARGC | 11 | 1.24 | 4.07 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HARVC | 11 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HAPHC | 12 | 0.14 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVC | 12 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HAQGC | 12 | 1.00 | 3.22 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HARGC | 12 | 1.24 | 4.07 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HARVC | 12 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HARGS | 17 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARVS | 17 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARGS | 18 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARVS | 18 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARGS | 19 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARVS | 19 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARGS | 21 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARVS | 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPHC | 22 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVC | 22 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |

Report for file CNSHA

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HAQGC | 22 | 1.49 | 4.60 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HARGC | 22 | 1.91 | 6.04 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HARVC | 22 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HAPHC | 23 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVC | 23 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HAQGC | 23 | 1.49 | 4.60 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HARGC | 23 | 1.91 | 6.04 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HARVC | 23 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HAPHC | 24 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVC | 24 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HAQGC | 24 | 1.49 | 4.60 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HARGC | 24 | 1.91 | 6.04 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HARVC | 24 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HAPHC | 25 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVC | 25 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HAQGC | 25 | 1.49 | 4.60 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HARGC | 25 | 1.91 | 6.04 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HARVC | 25 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HAKHF | 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPHC | 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVC | 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAQGC | 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARGC | 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARVC | 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAKHF | 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPHC | 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVC | 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAQGC | 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARGC | 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARVC | 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARGC | 29 | 1.24 | 4.07 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HARVC | 29 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HARGC | 30 | 0.85 | 2.70 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HARVC | 30 | 0.94 | 2.84 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HARGC | 31 | 1.24 | 4.07 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HARVC | 31 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HARGS | 32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHA

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HARVS 32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHA

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HAKHS | 1 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPHS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAQGS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARGS | 1 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARVS | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAKHF | 2 | 0.41 | 1.50 | 0.00 | 0.41 | 0.00 | 83.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.16 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| HAPHS | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAQGS | 3 | 0.08 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARGS | 3 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARVS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAKHS | 4 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPHS | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVS | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAQGS | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARGS | 4 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARVS | 4 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAKHS | 5 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPHS | 5 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVS | 5 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAQGS | 5 | 0.23 | 0.63 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HARGS | 5 | 0.21 | 0.59 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 1.33 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HARVS | 5 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAKHF | 6 | 0.41 | 1.50 | 0.00 | 0.41 | 0.00 | 83.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.16 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| HAPHF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAQGF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARGF | 6 | 0.16 | 0.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARVF | 6 | 0.11 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAKHS | 7 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPHS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAQGS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARGS | 7 | 0.21 | 0.59 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 1.33 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HARVS | 7 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAKHS | 8 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHA

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HAPHS | 8 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVS | 8 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAQGS | 8 | 0.25 | 0.70 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HARGS | 8 | 0.21 | 0.59 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 1.33 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HARVS | 8 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAKHF | 9 | 0.41 | 1.50 | 0.00 | 0.41 | 0.00 | 83.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.16 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| HAPHF | 9 | 0.03 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVF | 9 | 0.08 | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAQGF | 9 | 0.18 | 0.57 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HARGF | 9 | 0.16 | 0.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARVF | 9 | 0.11 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAKHS | 10 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPHS | 10 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVS | 10 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAQGS | 10 | 0.25 | 0.70 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HARGS | 10 | 0.21 | 0.59 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 1.33 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HARVS | 10 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPHC | 11 | 0.14 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVC | 11 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HAQGC | 11 | 1.00 | 3.22 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HARGC | 11 | 1.24 | 4.07 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HARVC | 11 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HAPHC | 12 | 0.14 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVC | 12 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HAQGC | 12 | 1.00 | 3.22 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HARGC | 12 | 1.24 | 4.07 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HARVC | 12 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HARGS | 17 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARVS | 17 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARGS | 18 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARVS | 18 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARGS | 19 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARVS | 19 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARGS | 21 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARVS | 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPHC | 22 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVC | 22 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |

Report for file CNSHA

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HAQGC 22 | 1.49 | 4.60 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HARGC 22 | 1.91 | 6.04 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HARVC 22 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HAPHC 23 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVC 23 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HAQGC 23 | 1.49 | 4.60 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HARGC 23 | 1.91 | 6.04 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HARVC 23 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HAPHC 24 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVC 24 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HAQGC 24 | 1.49 | 4.60 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HARGC 24 | 1.91 | 6.04 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HARVC 24 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HAPHC 25 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVC 25 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HAQGC 25 | 1.49 | 4.60 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HARGC 25 | 1.91 | 6.04 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HARVC 25 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HAKHF 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPHC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAQGC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARGC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARVC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAKHF 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPHC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAPVC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAQGC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARGC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARVC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARGC 29 | 1.24 | 4.07 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HARVC 29 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HARGC 30 | 0.85 | 2.70 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HARVC 30 | 0.94 | 2.84 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HARGC 31 | 1.24 | 4.07 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HARVC 31 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HARGS 32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHA

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HARVS 32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHA

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HAKHS | 1 | 0.140 | 0.000 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGS | 1 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAKHF | 2 | 0.410 | 0.000 | 0.490 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGS | 3 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGS | 3 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAKHS | 4 | 0.140 | 0.000 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHS | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVS | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGS | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGS | 4 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVS | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAKHS | 5 | 0.140 | 0.000 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHS | 5 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVS | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGS | 5 | 0.230 | 0.000 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGS | 5 | 0.210 | 0.000 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVS | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAKHF | 6 | 0.410 | 0.000 | 0.490 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGF | 6 | 0.160 | 0.000 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVF | 6 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAKHS | 7 | 0.140 | 0.000 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGS | 7 | 0.210 | 0.000 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAKHS | 8 | 0.140 | 0.000 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHS | 8 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHA

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HAPVS 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGS 8 | 0.250 | 0.000 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGS 8 | 0.210 | 0.000 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVS 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAKHF 9 | 0.410 | 0.000 | 0.490 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHF 9 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVF 9 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .000 | 0.000 | 0.000 | 0.000 |
| HAQGF 9 | 0.180 | 0.000 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGF 9 | 0.160 | 0.000 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVF 9 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAKHS 10 | 0.140 | 0.000 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHS 10 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVS 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGS 10 | 0.250 | 0.000 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGS 10 | 0.210 | 0.000 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVS 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHC 11 | 0.140 | 0.000 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVC 11 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGC 11 | 1.000 | 0.060 | 0.830 | 0.660 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGC 11 | 1.240 | 0.100 | 0.860 | 0.730 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVC 11 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHC 12 | 0.140 | 0.000 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVC 12 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGC 12 | 1.000 | 0.060 | 0.830 | 0.660 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGC 12 | 1.240 | 0.100 | 0.860 | 0.730 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVC 12 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGS 17 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVS 17 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGS 18 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVS 18 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGS 19 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVS 19 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGS 21 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVS 21 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHC 22 | 0.140 | 0.000 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVC 22 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGC 22 | 1.490 | 0.160 | 0.890 | 0.770 | 0.460 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGC 22 | 1.910 | 0.270 | 0.910 | 0.820 | 0.560 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHA

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HARVC 22 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHC 23 | 0.140 | 0.000 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVC 23 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGC 23 | 1.490 | 0.160 | 0.890 | 0.770 | 0.460 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGC 23 | 1.910 | 0.270 | 0.910 | 0.820 | 0.560 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVC 23 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHC 24 | 0.140 | 0.000 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVC 24 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGC 24 | 1.490 | 0.160 | 0.890 | 0.770 | 0.460 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGC 24 | 1.910 | 0.270 | 0.910 | 0.820 | 0.560 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVC 24 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHC 25 | 0.140 | 0.000 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVC 25 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGC 25 | 1.490 | 0.160 | 0.890 | 0.770 | 0.460 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGC 25 | 1.910 | 0.270 | 0.910 | 0.820 | 0.560 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVC 25 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAKHF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAKHF 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGC 29 | 1.240 | 0.100 | 0.860 | 0.730 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVC 29 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGC 30 | 0.850 | 0.040 | 0.800 | 0.590 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVC 30 | 0.940 | 0.050 | 0.810 | 0.610 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGC 31 | 1.240 | 0.100 | 0.860 | 0.730 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVC 31 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGS 32 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVS 32 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHA

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HAKHS | 1 | 0.430 | 0.000 | 0.470 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGS | 1 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVS | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAKHF | 2 | 1.500 | 0.090 | 0.830 | 0.660 | 0.380 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGS | 3 | 0.250 | 0.000 | 0.330 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGS | 3 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAKHS | 4 | 0.430 | 0.000 | 0.470 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHS | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVS | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGS | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGS | 4 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVS | 4 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAKHS | 5 | 0.430 | 0.000 | 0.470 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHS | 5 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVS | 5 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGS | 5 | 0.630 | 0.010 | 0.670 | 0.430 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGS | 5 | 0.590 | 0.010 | 0.650 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVS | 5 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAKHF | 6 | 1.500 | 0.090 | 0.830 | 0.660 | 0.380 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGF | 6 | 0.480 | 0.000 | 0.580 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVF | 6 | 0.340 | 0.000 | 0.440 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAKHS | 7 | 0.430 | 0.000 | 0.470 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGS | 7 | 0.590 | 0.010 | 0.650 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVS | 7 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAKHS | 8 | 0.430 | 0.000 | 0.470 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHS | 8 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHA

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HAPVS 8 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGS 8 | 0.700 | 0.010 | 0.700 | 0.460 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGS 8 | 0.590 | 0.010 | 0.650 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVS 8 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAKHF 9 | 1.500 | 0.090 | 0.830 | 0.660 | 0.380 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHF 9 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVF 9 | 0.260 | 0.000 | 0.340 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGF 9 | 0.570 | 0.000 | 0.650 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGF 9 | 0.480 | 0.000 | 0.580 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVF 9 | 0.340 | 0.000 | 0.440 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAKHS 10 | 0.430 | 0.000 | 0.470 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHS 10 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVS 10 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGS 10 | 0.700 | 0.010 | 0.700 | 0.460 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGS 10 | 0.590 | 0.010 | 0.650 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVS 10 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHC 11 | 0.450 | 0.000 | 0.480 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVC 11 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGC 11 | 3.220 | 0.420 | 0.950 | 0.890 | 0.730 | 0.470 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGC 11 | 4.070 | 0.650 | 0.960 | 0.910 | 0.780 | 0.570 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVC 11 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHC 12 | 0.450 | 0.000 | 0.480 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVC 12 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGC 12 | 3.220 | 0.420 | 0.950 | 0.890 | 0.730 | 0.470 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGC 12 | 4.070 | 0.650 | 0.960 | 0.910 | 0.780 | 0.570 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVC 12 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGS 17 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVS 17 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGS 18 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVS 18 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGS 19 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVS 19 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGS 21 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVS 21 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHC 22 | 0.470 | 0.000 | 0.480 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVC 22 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGC 22 | 4.600 | 0.810 | 0.960 | 0.920 | 0.810 | 0.620 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGC 22 | 6.040 | 1.330 | 0.970 | 0.940 | 0.850 | 0.700 | 0.450 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHA

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HARVC 22 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHC 23 | 0.470 | 0.000 | 0.480 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVC 23 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGC 23 | 4.600 | 0.810 | 0.960 | 0.920 | 0.810 | 0.620 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGC 23 | 6.040 | 1.330 | 0.970 | 0.940 | 0.850 | 0.700 | 0.450 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVC 23 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHC 24 | 0.470 | 0.000 | 0.480 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVC 24 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGC 24 | 4.600 | 0.810 | 0.960 | 0.920 | 0.810 | 0.620 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGC 24 | 6.040 | 1.330 | 0.970 | 0.940 | 0.850 | 0.700 | 0.450 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVC 24 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHC 25 | 0.470 | 0.000 | 0.480 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVC 25 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGC 25 | 4.600 | 0.810 | 0.960 | 0.920 | 0.810 | 0.620 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGC 25 | 6.040 | 1.330 | 0.970 | 0.940 | 0.850 | 0.700 | 0.450 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVC 25 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAKHF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAKHF 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPHC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAPVC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HAQGC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGC 29 | 4.070 | 0.650 | 0.960 | 0.910 | 0.780 | 0.570 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVC 29 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGC 30 | 2.700 | 0.300 | 0.940 | 0.870 | 0.680 | 0.420 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVC 30 | 2.840 | 0.330 | 0.940 | 0.880 | 0.690 | 0.430 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGC 31 | 4.070 | 0.650 | 0.960 | 0.910 | 0.780 | 0.570 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVC 31 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARGS 32 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HARVS 32 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

# ACTIVITY CODE: HB

# HANDLING DUE TO AIR MODE (C141)

Report for file CNSHB

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HBKHS | 1 | 3.230 | 0.000 | 0.000 | 1.057 | 1.028 | 1.057 | 1.028 | 60 | ON | 0.140 | 0.430 | 0.110 | 0.340 | 0.030 | 0.080 |
| HBPHS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGS | 1 | 0.000 | 0.000 | -0.351 | 0.000 | 0.000 | -0.351 | -0.351 | 60 | ON | 0.070 | 0.210 | 0.050 | 0.160 | 0.020 | 0.050 |
| HBRVS | 1 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBKHF | 2 | 0.000 | 0.000 | 1.929 | 0.000 | 0.000 | 1.929 | 1.929 | 10 | ON | 0.410 | 1.500 | 0.330 | 1.160 | 0.100 | 0.290 |
| HBPHS | 3 | 0.000 | 0.000 | -2.678 | 0.000 | 0.000 | -2.678 | -2.678 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVS | 3 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGS | 3 | 0.000 | 0.000 | -0.252 | 0.000 | 0.000 | -0.252 | -0.252 | 60 | ON | 0.080 | 0.250 | 0.060 | 0.180 | 0.020 | 0.060 |
| HBRGS | 3 | 0.000 | 0.000 | -0.351 | 0.000 | 0.000 | -0.351 | -0.351 | 60 | ON | 0.070 | 0.210 | 0.050 | 0.160 | 0.020 | 0.050 |
| HBRVS | 3 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBKHS | 4 | 3.230 | 0.000 | 0.000 | 1.057 | 1.028 | 1.057 | 1.028 | 60 | ON | 0.140 | 0.430 | 0.110 | 0.340 | 0.030 | 0.080 |
| HBPHS | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVS | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGS | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGS | 4 | 0.000 | 0.000 | -0.351 | 0.000 | 0.000 | -0.351 | -0.351 | 60 | ON | 0.070 | 0.210 | 0.050 | 0.160 | 0.020 | 0.050 |
| HBRVS | 4 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBKHS | 5 | 3.230 | 0.000 | 0.000 | 1.057 | 1.028 | 1.057 | 1.028 | 60 | ON | 0.140 | 0.430 | 0.110 | 0.340 | 0.030 | 0.080 |
| HBPHS | 5 | 0.778 | 0.000 | 0.000 | -1.150 | -1.173 | -1.150 | -1.173 | 60 | ON | 0.010 | 0.020 | 0.010 | 0.010 | 0.000 | 0.000 |
| HBPVS | 5 | 1.161 | 0.000 | 0.000 | -3.015 | -2.877 | -3.015 | -2.877 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HBQGS | 5 | 1.079 | 0.000 | 0.000 | 0.548 | 0.429 | 0.548 | 0.429 | 60 | ON | 0.230 | 0.630 | 0.170 | 0.460 | 0.060 | 0.150 |
| HBRGS | 5 | 1.029 | 0.000 | 0.000 | 0.503 | 0.384 | 0.503 | 0.384 | 60 | ON | 0.210 | 0.590 | 0.160 | 0.440 | 0.060 | 0.140 |
| HBRVS | 5 | 1.000 | 0.000 | 0.000 | -3.160 | -3.021 | -3.160 | -3.021 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HBKHF | 6 | 0.000 | 0.000 | 1.929 | 0.000 | 0.000 | 1.929 | 1.929 | 10 | ON | 0.410 | 1.500 | 0.330 | 1.160 | 0.100 | 0.290 |
| HBPHF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGF | 6 | 0.000 | 0.000 | 0.029 | 0.000 | 0.000 | 0.029 | 0.029 | 10 | ON | 0.160 | 0.480 | 0.120 | 0.360 | 0.040 | 0.120 |
| HBRVF | 6 | 0.000 | 0.000 | -0.602 | 0.000 | 0.000 | -0.602 | -0.602 | 10 | ON | 0.110 | 0.340 | 0.080 | 0.250 | 0.030 | 0.080 |
| HBKHS | 7 | 3.230 | 0.000 | 0.000 | 1.057 | 1.028 | 1.057 | 1.028 | 60 | ON | 0.140 | 0.430 | 0.110 | 0.340 | 0.030 | 0.080 |
| HBPHS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGS | 7 | 1.029 | 0.000 | 0.000 | 0.503 | 0.384 | 0.503 | 0.384 | 60 | ON | 0.210 | 0.590 | 0.160 | 0.440 | 0.060 | 0.140 |
| HBRVS | 7 | 1.000 | 0.000 | 0.000 | -3.160 | -3.021 | -3.160 | -3.021 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HBKHS | 8 | 3.230 | 0.000 | 0.000 | 1.057 | 1.028 | 1.057 | 1.028 | 60 | ON | 0.140 | 0.430 | 0.110 | 0.340 | 0.030 | 0.080 |
| HBPHS | 8 | 1.068 | 0.000 | 0.000 | -0.889 | -0.913 | -0.889 | -0.913 | 60 | ON | 0.010 | 0.030 | 0.010 | 0.020 | 0.000 | 0.010 |
| HBPVS | 8 | 0.778 | 0.000 | 0.000 | -3.360 | -3.220 | -3.360 | -3.220 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |

Report for file CNSHB

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HBQGS | 8 | 1.161 | 0.000 | 0.000 | 0.622 | 0.502 | 0.622 | 0.502 | 60 | ON | 0.250 | 0.700 | 0.190 | 0.510 | 0.060 | 0.170 |
| HBRGS | 8 | 1.029 | 0.000 | 0.000 | 0.503 | 0.384 | 0.503 | 0.384 | 60 | ON | 0.210 | 0.590 | 0.160 | 0.440 | 0.060 | 0.140 |
| HBRVS | 8 | 1.000 | 0.000 | 0.000 | -3.160 | -3.021 | -3.160 | -3.021 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HBKHF | 9 | 0.000 | 0.000 | 1.929 | 0.000 | 0.000 | 1.929 | 1.929 | 10 | ON | 0.410 | 1.500 | 0.330 | 1.160 | 0.100 | 0.290 |
| HBPHF | 9 | 0.000 | 0.000 | -0.233 | 0.000 | 0.000 | -0.233 | -0.233 | 10 | ON | 0.030 | 0.070 | 0.020 | 0.060 | 0.010 | 0.010 |
| HBPVF | 9 | 0.000 | 0.000 | -0.824 | 0.000 | 0.000 | -0.824 | -0.824 | 10 | ON | 0.080 | 0.260 | 0.060 | 0.190 | 0.020 | 0.060 |
| HBQGF | 9 | 0.000 | 0.000 | 0.161 | 0.000 | 0.000 | 0.161 | 0.161 | 10 | ON | 0.180 | 0.570 | 0.140 | 0.430 | 0.050 | 0.140 |
| HBRGF | 9 | 0.000 | 0.000 | 0.029 | 0.000 | 0.000 | 0.029 | 0.029 | 10 | ON | 0.160 | 0.480 | 0.120 | 0.360 | 0.040 | 0.120 |
| HBRVF | 9 | 0.000 | 0.000 | -0.602 | 0.000 | 0.000 | -0.602 | -0.602 | 10 | ON | 0.110 | 0.340 | 0.080 | 0.250 | 0.030 | 0.080 |
| HBKHS | 10 | 3.230 | 0.000 | 0.000 | 1.057 | 1.028 | 1.057 | 1.028 | 60 | ON | 0.140 | 0.430 | 0.110 | 0.340 | 0.030 | 0.080 |
| HBPHS | 10 | 1.068 | 0.000 | 0.000 | -0.889 | -0.913 | -0.889 | -0.913 | 60 | ON | 0.010 | 0.030 | 0.010 | 0.020 | 0.000 | 0.010 |
| HBPVS | 10 | 0.778 | 0.000 | 0.000 | -3.360 | -3.220 | -3.360 | -3.220 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HBQGS | 10 | 1.161 | 0.000 | 0.000 | 0.622 | 0.502 | 0.622 | 0.502 | 60 | ON | 0.250 | 0.700 | 0.190 | 0.510 | 0.060 | 0.170 |
| HBRGS | 10 | 1.029 | 0.000 | 0.000 | 0.503 | 0.384 | 0.503 | 0.384 | 60 | ON | 0.210 | 0.590 | 0.160 | 0.440 | 0.060 | 0.140 |
| HBRVS | 10 | 1.000 | 0.000 | 0.000 | -3.160 | -3.021 | -3.160 | -3.021 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HBPHC | 11 | 0.000 | 1.068 | -3.155 | 0.000 | 0.000 | 1.068 | 1.068 | 60 | ON | 0.140 | 0.450 | 0.110 | 0.360 | 0.030 | 0.090 |
| HBPVC | 11 | 0.000 | 0.778 | -5.000 | 0.000 | 0.000 | 0.778 | 0.778 | 60 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| HBQGC | 11 | 0.000 | 1.161 | -0.770 | 0.000 | 0.000 | 1.166 | 1.166 | 60 | ON | 1.000 | 3.220 | 0.780 | 2.470 | 0.290 | 0.920 |
| HBRGC | 11 | 0.000 | 1.330 | 0.017 | 0.000 | 0.000 | 1.351 | 1.351 | 60 | ON | 1.240 | 4.070 | 0.970 | 3.120 | 0.360 | 1.160 |
| HBRVC | 11 | 0.000 | 1.301 | -5.000 | 0.000 | 0.000 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| HBPHC | 12 | 0.000 | 1.068 | -3.155 | 0.000 | 0.000 | 1.068 | 1.068 | 60 | ON | 0.140 | 0.450 | 0.110 | 0.360 | 0.030 | 0.090 |
| HBPVC | 12 | 0.000 | 0.778 | -5.000 | 0.000 | 0.000 | 0.778 | 0.778 | 60 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| HBQGC | 12 | 0.000 | 1.161 | -0.770 | 0.000 | 0.000 | 1.166 | 1.166 | 60 | ON | 1.000 | 3.220 | 0.780 | 2.470 | 0.290 | 0.920 |
| HBRGC | 12 | 0.000 | 1.330 | 0.017 | 0.000 | 0.000 | 1.351 | 1.351 | 60 | ON | 1.240 | 4.070 | 0.970 | 3.120 | 0.360 | 1.160 |
| HBRVC | 12 | 0.000 | 1.301 | -5.000 | 0.000 | 0.000 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| HBRGS | 17 | 0.000 | 0.000 | -0.841 | 0.000 | 0.000 | -0.841 | -0.841 | 60 | ON | 0.040 | 0.110 | 0.030 | 0.080 | 0.010 | 0.020 |
| HBRVS | 17 | 0.000 | 0.000 | -5.328 | 0.000 | 0.000 | -5.328 | -5.328 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGS | 18 | 0.000 | 0.000 | -0.841 | 0.000 | 0.000 | -0.841 | -0.841 | 60 | ON | 0.040 | 0.110 | 0.030 | 0.080 | 0.010 | 0.020 |
| HBRVS | 18 | 0.000 | 0.000 | -5.328 | 0.000 | 0.000 | -5.328 | -5.328 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGS | 19 | 0.000 | 0.000 | -0.841 | 0.000 | 0.000 | -0.841 | -0.841 | 60 | ON | 0.040 | 0.110 | 0.030 | 0.080 | 0.010 | 0.020 |
| HBRVS | 19 | 0.000 | 0.000 | -5.328 | 0.000 | 0.000 | -5.328 | -5.328 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGS | 21 | 0.000 | 0.000 | -0.841 | 0.000 | 0.000 | -0.841 | -0.841 | 60 | ON | 0.040 | 0.110 | 0.030 | 0.080 | 0.010 | 0.020 |
| HBRVS | 21 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHC | 22 | 1.767 | 1.068 | 0.000 | -0.260 | -0.286 | 1.088 | 1.087 | 60 | ON | 0.140 | 0.470 | 0.110 | 0.370 | 0.030 | 0.090 |
| HBPVC | 22 | 1.477 | 0.778 | 0.000 | -2.731 | -2.593 | 0.778 | 0.778 | 60 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| HBQGC | 22 | 1.860 | 1.161 | 0.000 | 1.251 | 1.129 | 1.509 | 1.446 | 60 | ON | 1.490 | 4.600 | 1.160 | 3.510 | 0.440 | 1.300 |
| HBRGC | 22 | 2.143 | 1.330 | 0.000 | 1.506 | 1.383 | 1.728 | 1.659 | 60 | ON | 1.910 | 6.040 | 1.490 | 4.590 | 0.570 | 1.680 |
| HBRVC | 22 | 2.114 | 1.301 | 0.000 | -2.157 | -2.022 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| HBPHC | 23 | 1.767 | 1.068 | 0.000 | -0.260 | -0.286 | 1.088 | 1.087 | 60 | ON | 0.140 | 0.470 | 0.110 | 0.370 | 0.030 | 0.090 |

Report for file CNSHB

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HBPVC | 23 | 1.477 | 0.778 | 0.000 | -2.731 | -2.593 | 0.778 | 0.778 | 60 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| HBQGC | 23 | 1.860 | 1.161 | 0.000 | 1.251 | 1.129 | 1.509 | 1.446 | 60 | ON | 1.490 | 4.600 | 1.160 | 3.510 | 0.440 | 1.300 |
| HBRGC | 23 | 2.143 | 1.330 | 0.000 | 1.506 | 1.383 | 1.728 | 1.659 | 60 | ON | 1.910 | 6.040 | 1.490 | 4.590 | 0.570 | 1.680 |
| HBRVC | 23 | 2.114 | 1.301 | 0.000 | -2.157 | -2.022 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| HBPHC | 24 | 1.767 | 1.068 | 0.000 | -0.260 | -0.286 | 1.088 | 1.087 | 60 | ON | 0.140 | 0.470 | 0.110 | 0.370 | 0.030 | 0.090 |
| HBPVC | 24 | 1.477 | 0.778 | 0.000 | -2.731 | -2.593 | 0.778 | 0.778 | 60 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| HBQGC | 24 | 1.860 | 1.161 | 0.000 | 1.251 | 1.129 | 1.509 | 1.446 | 60 | ON | 1.490 | 4.600 | 1.160 | 3.510 | 0.440 | 1.300 |
| HBRGC | 24 | 2.143 | 1.330 | 0.000 | 1.506 | 1.383 | 1.728 | 1.659 | 60 | ON | 1.910 | 6.040 | 1.490 | 4.590 | 0.570 | 1.680 |
| HBRVC | 24 | 2.114 | 1.301 | 0.000 | -2.157 | -2.022 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| HBPHC | 25 | 1.767 | 1.068 | 0.000 | -0.260 | -0.286 | 1.088 | 1.087 | 60 | ON | 0.140 | 0.470 | 0.110 | 0.370 | 0.030 | 0.090 |
| HBPVC | 25 | 1.477 | 0.778 | 0.000 | -2.731 | -2.593 | 0.778 | 0.778 | 60 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| HBQGC | 25 | 1.860 | 1.161 | 0.000 | 1.251 | 1.129 | 1.509 | 1.446 | 60 | ON | 1.490 | 4.600 | 1.160 | 3.510 | 0.440 | 1.300 |
| HBRGC | 25 | 2.143 | 1.330 | 0.000 | 1.506 | 1.383 | 1.728 | 1.659 | 60 | ON | 1.910 | 6.040 | 1.490 | 4.590 | 0.570 | 1.680 |
| HBRVC | 25 | 2.114 | 1.301 | 0.000 | -2.157 | -2.022 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| HBKHF | 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHC | 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVC | 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGC | 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGC | 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVC | 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBKHF | 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHC | 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVC | 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGC | 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGC | 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVC | 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGC | 29 | 0.000 | 1.330 | 0.017 | 0.000 | 0.000 | 1.351 | 1.351 | 60 | ON | 1.240 | 4.070 | 0.970 | 3.120 | 0.360 | 1.160 |
| HBRVC | 29 | 0.000 | 1.301 | -5.000 | 0.000 | 0.000 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| HBRGC | 30 | 0.000 | 1.029 | 0.000 | 0.000 | 0.000 | 1.029 | 1.029 | 0 | ON | 0.850 | 2.700 | 0.670 | 2.080 | 0.250 | 0.770 |
| HBRVC | 30 | 0.000 | 1.000 | 0.000 | 0.000 | 0.000 | 1.000 | 1.000 | 0 | ON | 0.940 | 2.840 | 0.710 | 2.150 | 0.260 | 0.800 |
| HBRGC | 31 | 0.000 | 1.330 | 0.017 | 0.000 | 0.000 | 1.351 | 1.351 | 60 | ON | 1.240 | 4.070 | 0.970 | 3.120 | 0.360 | 1.160 |
| HBRVC | 31 | 0.000 | 1.301 | -5.000 | 0.000 | 0.000 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| HBRGS | 32 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVS | 32 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHB

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HBKNS | 1 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPHS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBQGS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRGS | 1 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRVS | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBKHF | 2 | 0.41 | 1.50 | 0.00 | 0.07 | 0.00 | 2.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| HBPHS | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBQGS | 3 | 0.08 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRGS | 3 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRVS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBKHS | 4 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPHS | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVS | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBQGS | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRGS | 4 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRVS | 4 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBKHS | 5 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPHS | 5 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVS | 5 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBQGS | 5 | 0.23 | 0.63 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRGS | 5 | 0.21 | 0.59 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRVS | 5 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBKHF | 6 | 0.41 | 1.50 | 0.00 | 0.07 | 0.00 | 2.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| HBPHF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBQGF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRGF | 6 | 0.16 | 0.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRVF | 6 | 0.11 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBKHS | 7 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPHS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBQGS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRGS | 7 | 0.21 | 0.59 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRVS | 7 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBKHS | 8 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHB

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HBPHS 8 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVS 8 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBQGS 8 | 0.25 | 0.70 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRGS 8 | 0.21 | 0.59 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRVS 8 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBKHF 9 | 0.41 | 1.50 | 0.00 | 0.07 | 0.00 | 2.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| HBPHF 9 | 0.03 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVF 9 | 0.08 | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBQGF 9 | 0.18 | 0.57 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRGF 9 | 0.16 | 0.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRVF 9 | 0.11 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBKHS 10 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPHS 10 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVS 10 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBQGS 10 | 0.25 | 0.70 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRGS 10 | 0.21 | 0.59 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRVS 10 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPHC 11 | 0.14 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVC 11 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HBQGC 11 | 1.00 | 3.22 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HBRGC 11 | 1.24 | 4.07 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HBRVC 11 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HBPHC 12 | 0.14 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVC 12 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HBQGC 12 | 1.00 | 3.22 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HBRGC 12 | 1.24 | 4.07 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HBRVC 12 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HBRGS 17 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRVS 17 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRGS 18 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRVS 18 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRGS 19 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRVS 19 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRGS 21 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRVS 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPHC 22 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVC 22 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |

Report for file CNSHB

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HBQGC 22 | 1.49 | 4.60 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HBRGC 22 | 1.91 | 6.04 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HBRVC 22 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HBPHC 23 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVC 23 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HBQGC 23 | 1.49 | 4.60 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HBRGC 23 | 1.91 | 6.04 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HBRVC 23 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HBPHC 24 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVC 24 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HBQGC 24 | 1.49 | 4.60 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HBRGC 24 | 1.91 | 6.04 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HBRVC 24 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HBPHC 25 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVC 25 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HBQGC 25 | 1.49 | 4.60 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HBRGC 25 | 1.91 | 6.04 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HBRVC 25 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HBKHF 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPHC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBQGC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRGC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRVC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBKHF 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPHC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBQGC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRGC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRVC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRGC 29 | 1.24 | 4.07 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HBRVC 29 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HBRGC 30 | 0.85 | 2.70 | 0.03 | 9.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HBRVC 30 | 0.94 | 2.84 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HBRGC 31 | 1.24 | 4.07 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HBRVC 31 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HBRGS 32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHB

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HBRVS 32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHB

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HBKHS | 1 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPHS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBQGS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRGS | 1 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRVS | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBKHF | 2 | 0.41 | 1.50 | 0.00 | 0.41 | 0.00 | 83.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.16 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| HBPHS | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBQGS | 3 | 0.08 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRGS | 3 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRVS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBKHS | 4 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPHS | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVS | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBQGS | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRGS | 4 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRVS | 4 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBKHS | 5 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPHS | 5 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVS | 5 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBQGS | 5 | 0.23 | 0.63 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HBRGS | 5 | 0.21 | 0.59 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 1.33 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HBRVS | 5 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBKHF | 6 | 0.41 | 1.50 | 0.00 | 0.41 | 0.00 | 83.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.16 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| HBPHF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBQGF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRGF | 6 | 0.16 | 0.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRVF | 6 | 0.11 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBKHS | 7 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPHS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBQGS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRGS | 7 | 0.21 | 0.59 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 1.33 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HBRVS | 7 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBKHS | 8 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHB

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HBPHS | 8 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVS | 8 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBQGS | 8 | 0.25 | 0.70 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HBRGS | 8 | 0.21 | 0.59 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 1.33 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HBRVS | 8 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBKHF | 9 | 0.41 | 1.50 | 0.00 | 0.41 | 0.00 | 83.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.16 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| HBPHF | 9 | 0.03 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVF | 9 | 0.08 | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBQGF | 9 | 0.18 | 0.57 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HBRGF | 9 | 0.16 | 0.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRVF | 9 | 0.11 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBKHS | 10 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPHS | 10 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVS | 10 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBQGS | 10 | 0.25 | 0.70 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HBRGS | 10 | 0.21 | 0.59 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 1.33 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HBRVS | 10 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPHC | 11 | [illegible] | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVC | 11 | | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HBQGC | 11 | 1.00 | 3.22 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HBRGC | 11 | 1.24 | 4.07 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HBRVC | 11 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HBPHC | 12 | 0.14 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVC | 12 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HBQGC | 12 | 1.00 | 3.22 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HBRGC | 12 | 1.24 | 4.07 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HBRVC | 12 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HBRGS | 17 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRVS | 17 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRGS | 18 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRVS | 18 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRGS | 19 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRVS | 19 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRGS | 21 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRVS | 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPHC | 22 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVC | 22 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |

Report for file CNSHB

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HBQGC 22 | 1.49 | 4.60 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HBRGC 22 | 1.91 | 6.04 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HBRVC 22 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HBPHC 23 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVC 23 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HBQGC 23 | 1.49 | 4.60 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HBRGC 23 | 1.91 | 6.04 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HBRVC 23 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HBPHC 24 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVC 24 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HBQGC 24 | 1.49 | 4.60 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HBRGC 24 | 1.91 | 6.04 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HBRVC 24 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HBPHC 25 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVC 25 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HBQGC 25 | 1.49 | 4.60 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HBRGC 25 | 1.91 | 6.04 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HBRVC 25 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HBKHF 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPHC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBQGC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRGC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRVC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBKHF 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPHC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBPVC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBQGC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRGC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRVC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HBRGC 29 | 1.24 | 4.07 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HBRVC 29 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HBRGC 30 | 0.85 | 2.70 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HBRVC 30 | 0.94 | 2.84 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HBRGC 31 | 1.24 | 4.07 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HBRVC 31 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HBRGS 32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHB

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HBRVS 32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHB

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HBKHS | 1 | 0.140 | 0.000 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGS | 1 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBKHF | 2 | 0.410 | 0.000 | 0.490 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGS | 3 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGS | 3 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBKHS | 4 | 0.140 | 0.000 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHS | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVS | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGS | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGS | 4 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVS | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBKHS | 5 | 0.140 | 0.000 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHS | 5 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVS | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGS | 5 | 0.230 | 0.000 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGS | 5 | 0.210 | 0.000 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVS | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBKHF | 6 | 0.410 | 0.000 | 0.490 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGF | 6 | 0.160 | 0.000 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVF | 6 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBKHS | 7 | 0.140 | 0.000 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGS | 7 | 0.210 | 0.000 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBKHS | 8 | 0.140 | 0.000 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHS | 8 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHB

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HBPVS 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGS 8 | 0.250 | 0.000 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGS 8 | 0.210 | 0.000 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVS 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBKHF 9 | 0.410 | 0.000 | 0.490 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHF 9 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVF 9 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGF 9 | 0.180 | 0.000 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGF 9 | 0.160 | 0.000 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVF 9 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBKHS 10 | 0.140 | 0.000 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHS 10 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVS 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGS 10 | 0.250 | 0.000 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGS 10 | 0.210 | 0.000 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVS 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHC 11 | 0.140 | 0.000 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVC 11 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGC 11 | 1.000 | 0.060 | 0.830 | 0.660 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGC 11 | 1.240 | 0.100 | 0.860 | 0.730 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVC 11 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHC 12 | 0.140 | 0.000 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVC 12 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGC 12 | 1.000 | 0.060 | 0.830 | 0.660 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGC 12 | 1.240 | 0.100 | 0.860 | 0.730 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVC 12 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGS 17 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVS 17 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGS 18 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVS 18 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGS 19 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVS 19 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGS 21 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVS 21 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHC 22 | 0.140 | 0.000 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVC 22 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGC 22 | 1.490 | 0.160 | 0.890 | 0.770 | 0.460 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGC 22 | 1.910 | 0.270 | 0.910 | 0.820 | 0.560 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHB

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HBRVC 22 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHC 23 | 0.140 | 0.000 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVC 23 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGC 23 | 1.490 | 0.160 | 0.890 | 0.770 | 0.460 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGC 23 | 1.910 | 0.270 | 0.910 | 0.820 | 0.560 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVC 23 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHC 24 | 0.140 | 0.000 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVC 24 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGC 24 | 1.490 | 0.160 | 0.890 | 0.770 | 0.460 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGC 24 | 1.910 | 0.270 | 0.910 | 0.820 | 0.560 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVC 24 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHC 25 | 0.140 | 0.000 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVC 25 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGC 25 | 1.490 | 0.160 | 0.890 | 0.770 | 0.460 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGC 25 | 1.910 | 0.270 | 0.910 | 0.820 | 0.560 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVC 25 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBKHF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBKHF 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGC 29 | 1.240 | 0.100 | 0.860 | 0.730 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVC 29 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGC 30 | 0.850 | 0.040 | 0.800 | 0.590 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVC 30 | 0.940 | 0.050 | 0.810 | 0.610 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGC 31 | 1.240 | 0.100 | 0.860 | 0.730 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVC 31 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGS 32 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVS 32 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHB

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HBKHS | 1 | 0.430 | 0.000 | 0.470 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGS | 1 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVS | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBKHF | 2 | 1.500 | 0.090 | 0.830 | 0.660 | 0.380 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGS | 3 | 0.250 | 0.000 | 0.330 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGS | 3 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBKHS | 4 | 0.430 | 0.000 | 0.470 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHS | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVS | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGS | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGS | 4 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVS | 4 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBKHS | 5 | 0.430 | 0.000 | 0.470 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHS | 5 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVS | 5 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGS | 5 | 0.630 | 0.010 | 0.670 | 0.430 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGS | 5 | 0.590 | 0.010 | 0.650 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVS | 5 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBKHF | 6 | 1.500 | 0.090 | 0.830 | 0.660 | 0.380 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGF | 6 | 0.480 | 0.000 | 0.580 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVF | 6 | 0.340 | 0.000 | 0.440 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBKHS | 7 | 0.430 | 0.000 | 0.470 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGS | 7 | 0.590 | 0.010 | 0.650 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVS | 7 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBKHS | 8 | 0.430 | 0.000 | 0.470 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHS | 8 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHB

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HBPVS | 8 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGS | 8 | 0.700 | 0.010 | 0.700 | 0.460 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGS | 8 | 0.590 | 0.010 | 0.650 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVS | 8 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBKHF | 9 | 1.500 | 0.090 | 0.830 | 0.660 | 0.380 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHF | 9 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVF | 9 | 0.260 | 0.000 | 0.340 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGF | 9 | 0.570 | 0.000 | 0.650 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGF | 9 | 0.480 | 0.000 | 0.580 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVF | 9 | 0.340 | 0.000 | 0.440 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBKHS | 10 | 0.430 | 0.000 | 0.470 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHS | 10 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVS | 10 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGS | 10 | 0.700 | 0.010 | 0.700 | 0.460 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGS | 10 | 0.590 | 0.010 | 0.650 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVS | 10 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHC | 11 | 0.450 | 0.000 | 0.480 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVC | 11 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGC | 11 | 3.220 | 0.420 | 0.950 | 0.890 | 0.730 | 0.470 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGC | 11 | 4.070 | 0.650 | 0.960 | 0.910 | 0.780 | 0.570 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVC | 11 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHC | 12 | 0.450 | 0.000 | 0.480 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVC | 12 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGC | 12 | 3.220 | 0.420 | 0.950 | 0.890 | 0.730 | 0.470 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGC | 12 | 4.070 | 0.650 | 0.960 | 0.910 | 0.780 | 0.570 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVC | 12 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGS | 17 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVS | 17 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGS | 18 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVS | 18 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGS | 19 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVS | 19 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGS | 21 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVS | 21 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHC | 22 | 0.470 | 0.000 | 0.480 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVC | 22 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGC | 22 | 4.600 | 0.810 | 0.960 | 0.920 | 0.810 | 0.620 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGC | 22 | 6.040 | 1.330 | 0.970 | 0.940 | 0.850 | 0.700 | 0.450 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHB

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HBRVC 22 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHC 23 | 0.470 | 0.000 | 0.480 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVC 23 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGC 23 | 4.600 | 0.810 | 0.960 | 0.920 | 0.810 | 0.620 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGC 23 | 6.040 | 1.330 | 0.970 | 0.940 | 0.850 | 0.700 | 0.450 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVC 23 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHC 24 | 0.470 | 0.000 | 0.480 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVC 24 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGC 24 | 4.600 | 0.810 | 0.960 | 0.920 | 0.810 | 0.620 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGC 24 | 6.040 | 1.330 | 0.970 | 0.940 | 0.850 | 0.700 | 0.450 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVC 24 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHC 25 | 0.470 | 0.000 | 0.480 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVC 25 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGC 25 | 4.600 | 0.810 | 0.960 | 0.920 | 0.810 | 0.620 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGC 25 | 6.040 | 1.330 | 0.970 | 0.940 | 0.850 | 0.700 | 0.450 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVC 25 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBKHF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBKHF 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPHC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBPVC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBQGC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGC 29 | 4.070 | 0.650 | 0.960 | 0.910 | 0.780 | 0.570 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVC 29 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGC 30 | 2.700 | 0.300 | 0.940 | 0.870 | 0.680 | 0.420 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVC 30 | 2.840 | 0.330 | 0.940 | 0.880 | 0.690 | 0.430 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGC 31 | 4.070 | 0.650 | 0.960 | 0.910 | 0.780 | 0.570 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVC 31 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRGS 32 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HBRVS 32 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

# ACTIVITY CODE: HF

# HANDLING AT THE DISPOSAL FACILITY

Report for file CNSHF

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HFBGS | 1 | 2.342 | 0.000 | 0.000 | 1.685 | 1.562 | 1.685 | 1.562 | 60 | ON | 0.910 | 3.010 | 0.690 | 2.220 | 0.250 | 0.720 |
| HFDHS | 1 | 0.778 | 0.000 | 0.000 | -1.150 | -1.173 | -1.150 | -1.173 | 60 | ON | 0.010 | 0.020 | 0.010 | 0.010 | 0.000 | 0.000 |
| HFCGS | 1 | 0.204 | 0.000 | 0.000 | -0.239 | -0.355 | -0.239 | -0.355 | 60 | ON | 0.080 | 0.210 | 0.060 | 0.160 | 0.020 | 0.050 |
| HFCHS | 1 | 0.505 | 0.000 | 0.000 | -1.395 | -1.418 | -1.395 | -1.418 | 60 | ON | 0.010 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| HFKGS | 1 | 3.176 | 0.000 | 0.000 | 2.436 | 2.312 | 2.436 | 2.312 | 60 | ON | 2.230 | 8.350 | 1.680 | 6.130 | 0.630 | 1.940 |
| HFKHS | 1 | 3.230 | 0.000 | 0.000 | 1.057 | 1.028 | 1.057 | 1.028 | 60 | ON | 0.140 | 0.430 | 0.110 | 0.340 | 0.030 | 0.080 |
| HFKVS | 1 | 3.204 | 0.000 | 0.000 | -1.176 | -1.042 | -1.176 | -1.042 | 60 | ON | 0.040 | 0.150 | 0.030 | 0.100 | 0.010 | 0.030 |
| HFMVS | 1 | 1.021 | 0.000 | 0.000 | -3.141 | -3.002 | -3.141 | -3.002 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HFPGS | 1 | 0.813 | 0.000 | 0.000 | 0.309 | 0.190 | 0.309 | 0.190 | 60 | ON | 0.170 | 0.450 | 0.130 | 0.330 | 0.040 | 0.110 |
| HFPHS | 1 | 1.068 | 0.000 | 0.000 | -0.889 | -0.913 | -0.889 | -0.913 | 60 | ON | 0.010 | 0.030 | 0.010 | 0.020 | 0.000 | 0.010 |
| HFPVS | 1 | 0.778 | 0.000 | 0.000 | -3.360 | -3.220 | -3.360 | -3.220 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HFQGS | 1 | 1.161 | 0.000 | 0.000 | 0.622 | 0.502 | 0.622 | 0.502 | 60 | ON | 0.250 | 0.700 | 0.190 | 0.510 | 0.060 | 0.170 |
| HFQVS | 1 | 1.161 | 0.000 | 0.000 | -3.015 | -2.877 | -3.015 | -2.877 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HFRGS | 1 | 1.029 | 0.000 | 0.000 | 0.503 | 0.384 | 0.503 | 0.384 | 60 | ON | 0.210 | 0.590 | 0.160 | 0.440 | 0.060 | 0.140 |
| HFRVS | 1 | 1.000 | 0.000 | 0.000 | -3.160 | -3.021 | -3.160 | -3.021 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HFSVS | 1 | 3.132 | 0.000 | 0.000 | -1.241 | -1.107 | -1.241 | -1.107 | 60 | ON | 0.040 | 0.140 | 0.030 | 0.100 | 0.010 | 0.030 |
| HFBGC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFDHC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCGC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCHC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKGC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKHC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKVC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFMVC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPGC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPHC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPVC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQGS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQVS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRGC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRVC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFSVC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFBGF | 3 | 0.000 | 0.000 | 1.342 | 0.000 | 0.000 | 1.342 | 1.342 | 10 | ON | 0.780 | 2.670 | 0.590 | 2.010 | 0.210 | 0.700 |
| HFDHF | 3 | 0.000 | 0.000 | -0.523 | 0.000 | 0.000 | -0.523 | -0.523 | 10 | ON | 0.020 | 0.050 | 0.010 | 0.040 | 0.000 | 0.010 |
| HFCGF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCHF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKGF | 3 | 0.000 | 0.000 | 2.176 | 0.000 | 0.000 | 2.176 | 2.176 | 10 | ON | 2.040 | 7.780 | 1.580 | 5.820 | 0.590 | 1.980 |
| HFKHF | 3 | 0.000 | 0.000 | 1.929 | 0.000 | 0.000 | 1.929 | 1.929 | 10 | ON | 0.410 | 1.500 | 0.330 | 1.160 | 0.100 | 0.290 |
| HFKVF | 3 | 0.000 | 0.000 | 1.602 | 0.000 | 0.000 | 1.602 | 1.602 | 10 | ON | 1.640 | 6.060 | 1.250 | 4.480 | 0.460 | 1.560 |

Report for file CNSHF

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HFMVF | 3 | 0.000 | 0.000 | -0.581 | 0.000 | 0.000 | -0.581 | -0.581 | 10 | ON | 0.120 | 0.350 | 0.090 | 0.260 | 0.030 | 0.080 |
| HFPGF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPHF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPVF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQGF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQVF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRGF | 3 | 0.000 | 0.000 | 0.029 | 0.000 | 0.000 | 0.029 | 0.029 | 10 | ON | 0.160 | 0.480 | 0.120 | 0.360 | 0.040 | 0.120 |
| HFRVF | 3 | 0.000 | 0.000 | -0.602 | 0.000 | 0.000 | -0.602 | -0.602 | 10 | ON | 0.110 | 0.340 | 0.080 | 0.250 | 0.030 | 0.080 |
| HFSVF | 3 | 0.000 | 0.000 | 1.530 | 0.000 | 0.000 | 1.530 | 1.530 | 10 | ON | 1.510 | 5.510 | 1.150 | 4.080 | 0.430 | 1.430 |
| HFSVS | 4 | 0.000 | 0.000 | -4.046 | 0.000 | 0.000 | -4.046 | -4.046 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFBGF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFDHC | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCGC | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCHC | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKGF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKHF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKVF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFMVC | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPGC | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPHC | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPVC | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQGC | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQVC | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRGC | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRVC | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFSVF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFBGS | 7 | 2.342 | 0.000 | 0.000 | 1.685 | 1.562 | 1.685 | 1.562 | 60 | ON | 0.910 | 3.010 | 0.690 | 2.220 | 0.250 | 0.720 |
| HFDHS | 7 | 0.778 | 0.000 | 0.000 | -1.150 | -1.173 | -1.150 | -1.173 | 60 | ON | 0.010 | 0.020 | 0.010 | 0.010 | 0.000 | 0.000 |
| HFCGS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCHS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKGS | 7 | 3.176 | 0.000 | 0.000 | 2.436 | 2.312 | 2.436 | 2.312 | 60 | ON | 2.230 | 8.350 | 1.680 | 6.130 | 0.630 | 1.940 |
| HFKHS | 7 | 3.230 | 0.000 | 0.000 | 1.057 | 1.028 | 1.057 | 1.028 | 60 | ON | 0.140 | 0.430 | 0.110 | 0.340 | 0.030 | 0.080 |
| HFKVS | 7 | 3.204 | 0.000 | 0.000 | -1.176 | -1.042 | -1.176 | -1.042 | 60 | ON | 0.040 | 0.150 | 0.030 | 0.100 | 0.010 | 0.030 |
| HFMVS | 7 | 1.021 | 0.000 | 0.000 | -3.141 | -3.002 | -3.141 | -3.002 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HFPGS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPHS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQGS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHF

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HFRGS | 7 | 1.029 | 0.000 | 0.000 | 0.503 | 0.384 | 0.503 | 0.384 | 60 | ON | 0.210 | 0.590 | 0.160 | 0.440 | 0.060 | 0.140 |
| HFRVS | 7 | 1.000 | 0.000 | 0.000 | -3.160 | -3.021 | -3.160 | -3.021 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HFSVS | 7 | 3.132 | 0.000 | 0.000 | -1.241 | -1.107 | -1.241 | -1.107 | 60 | ON | 0.040 | 0.140 | 0.030 | 0.100 | 0.010 | 0.030 |
| HFBGC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFDHC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCGC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCHC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKGC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKHC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKVC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFMVC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPGC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPHC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPVC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQGC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQVC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRGC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRVC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFSVC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFSVC | 9 | 0.000 | 0.000 | -3.854 | 0.000 | 0.000 | -3.854 | -3.854 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFBGC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFDHC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCGC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCHC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKGC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKHC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKVC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFMVC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPGC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPHC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPVC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQGC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQVC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRGC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRVC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFSVC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFDHC | 11 | 1.477 | 0.778 | 0.000 | -0.521 | -0.546 | 0.799 | 0.798 | 60 | ON | 0.100 | 0.310 | 0.080 | 0.250 | 0.020 | 0.060 |
| HFCGC | 11 | 0.903 | 0.204 | 0.000 | 0.390 | 0.271 | 0.608 | 0.540 | 60 | ON | 0.510 | 1.460 | 0.410 | 1.120 | 0.150 | 0.410 |
| HFCHC | 11 | 1.204 | 0.505 | 0.000 | -0.766 | -0.791 | 0.528 | 0.526 | 60 | ON | 0.070 | 0.210 | 0.060 | 0.170 | 0.020 | 0.040 |

Report for file CNSHF

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HFMVC | 11 | 2.197 | 1.498 | 0.000 | -2.083 | -1.947 | 1.498 | 1.498 | 60 | ON | 1.640 | 5.390 | 1.250 | 4.060 | 0.470 | 1.490 |
| HFPGC | 11 | 1.512 | 0.813 | 0.000 | 0.938 | 0.817 | 1.181 | 1.116 | 60 | ON | 1.020 | 3.020 | 0.800 | 2.320 | 0.300 | 0.860 |
| HFPHC | 11 | 1.767 | 1.068 | 0.000 | -0.260 | -0.286 | 1.088 | 1.087 | 60 | ON | 0.140 | 0.470 | 0.110 | 0.370 | 0.030 | 0.090 |
| HFPVC | 11 | 1.477 | 0.778 | 0.000 | -2.731 | -2.593 | 0.778 | 0.778 | 60 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| HFQGC | 11 | 1.860 | 1.161 | 0.000 | 1.251 | 1.129 | 1.509 | 1.446 | 60 | ON | 1.490 | 4.600 | 1.160 | 3.510 | 0.440 | 1.300 |
| HFQVC | 11 | 1.860 | 1.161 | 0.000 | -2.386 | -2.250 | 1.161 | 1.161 | 60 | ON | 1.120 | 3.490 | 0.850 | 2.650 | 0.310 | 0.980 |
| HFRGC | 11 | 2.143 | 1.330 | 0.000 | 1.506 | 1.383 | 1.728 | 1.659 | 60 | ON | 1.910 | 6.040 | 1.490 | 4.590 | 0.570 | 1.680 |
| HFRVC | 11 | 2.114 | 1.301 | 0.000 | -2.157 | -2.022 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| HFDHC | 12 | 0.000 | 0.778 | 0.000 | 0.000 | 0.000 | 0.778 | 0.778 | 0 | ON | 0.100 | 0.300 | 0.080 | 0.240 | 0.020 | 0.060 |
| HFCGC | 12 | 0.000 | 0.204 | 0.000 | 0.000 | 0.000 | 0.204 | 0.204 | 0 | ON | 0.320 | 0.960 | 0.250 | 0.740 | 0.090 | 0.270 |
| HFCHC | 12 | 0.000 | 0.505 | 0.000 | 0.000 | 0.000 | 0.505 | 0.505 | 0 | ON | 0.070 | 0.210 | 0.050 | 0.170 | 0.020 | 0.040 |
| HFMVC | 12 | 0.000 | 1.021 | 0.000 | 0.000 | 0.000 | 1.021 | 1.021 | 0 | ON | 0.960 | 2.910 | 0.730 | 2.210 | 0.260 | 0.820 |
| HFPGC | 12 | 0.000 | 0.813 | 0.000 | 0.000 | 0.000 | 0.813 | 0.813 | 0 | ON | 0.660 | 2.060 | 0.520 | 1.580 | 0.190 | 0.590 |
| HFPHC | 12 | 0.000 | 1.068 | 0.000 | 0.000 | 0.000 | 1.068 | 1.068 | 0 | ON | 0.140 | 0.450 | 0.110 | 0.360 | 0.030 | 0.090 |
| HFPVC | 12 | 0.000 | 0.778 | 0.000 | 0.000 | 0.000 | 0.778 | 0.778 | 0 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| HFQGC | 12 | 0.000 | 1.161 | 0.000 | 0.000 | 0.000 | 1.161 | 1.161 | 0 | ON | 0.990 | 3.200 | 0.780 | 2.450 | 0.290 | 0.910 |
| HFQVC | 12 | 0.000 | 1.161 | 0.000 | 0.000 | 0.000 | 1.161 | 1.161 | 0 | ON | 1.120 | 3.490 | 0.850 | 2.640 | 0.310 | 0.980 |
| HFRGC | 12 | 0.000 | 1.029 | 0.000 | 0.000 | 0.000 | 1.029 | 1.029 | 0 | ON | 0.850 | 2.700 | 0.670 | 2.080 | 0.250 | 0.770 |
| HFRVC | 12 | 0.000 | 1.000 | 0.000 | 0.000 | 0.000 | 1.000 | 1.000 | 0 | ON | 0.940 | 2.840 | 0.710 | 2.150 | 0.260 | 0.800 |
| HFDHC | 13 | 0.000 | 0.778 | -2.886 | 0.000 | 0.000 | 0.778 | 0.778 | 60 | ON | 0.100 | 0.300 | 0.080 | 0.240 | 0.020 | 0.060 |
| HFCGC | 13 | 0.000 | 0.204 | -0.796 | 0.000 | 0.000 | 0.245 | 0.245 | 60 | ON | 0.330 | 1.010 | 0.260 | 0.780 | 0.090 | 0.280 |
| HFCHC | 13 | 0.000 | 0.505 | -3.097 | 0.000 | 0.000 | 0.505 | 0.505 | 60 | ON | 0.070 | 0.210 | 0.050 | 0.170 | 0.020 | 0.040 |
| HFMVC | 13 | 0.000 | 1.498 | -4.337 | 0.000 | 0.000 | 1.498 | 1.498 | 60 | ON | 1.640 | 5.390 | 1.250 | 4.060 | 0.470 | 1.480 |
| HFPGC | 13 | 0.000 | 0.813 | -0.569 | 0.000 | 0.000 | 0.831 | 0.831 | 60 | ON | 0.670 | 2.100 | 0.530 | 1.620 | 0.190 | 0.600 |
| HFPHC | 13 | 0.000 | 1.068 | -2.638 | 0.000 | 0.000 | 1.068 | 1.068 | 60 | ON | 0.140 | 0.450 | 0.110 | 0.360 | 0.030 | 0.090 |
| HFPVC | 13 | 0.000 | 0.778 | -5.155 | 0.000 | 0.000 | 0.778 | 0.778 | 60 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| HFQGC | 13 | 0.000 | 1.161 | -2.441 | 0.000 | 0.000 | 1.161 | 1.161 | 60 | ON | 0.990 | 3.200 | 0.780 | 2.450 | 0.290 | 0.910 |
| HFQVC | 13 | 0.000 | 1.161 | -4.658 | 0.000 | 0.000 | 1.161 | 1.161 | 60 | ON | 1.120 | 3.490 | 0.850 | 2.640 | 0.310 | 0.980 |
| HFRGC | 13 | 0.000 | 1.330 | 0.017 | 0.000 | 0.000 | 1.351 | 1.351 | 60 | ON | 1.240 | 4.070 | 0.970 | 3.120 | 0.360 | 1.160 |
| HFRVC | 13 | 0.000 | 1.301 | -4.387 | 0.000 | 0.000 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| HFDHC | 14 | 1.477 | 0.778 | 0.000 | -0.521 | -0.546 | 0.799 | 0.798 | 60 | ON | 0.100 | 0.310 | 0.080 | 0.250 | 0.020 | 0.060 |
| HFCGC | 14 | 0.903 | 0.204 | 0.000 | 0.390 | 0.271 | 0.608 | 0.540 | 60 | ON | 0.510 | 1.460 | 0.410 | 1.120 | 0.150 | 0.410 |
| HFCHC | 14 | 1.204 | 0.505 | 0.000 | -0.766 | -0.791 | 0.528 | 0.526 | 60 | ON | 0.070 | 0.210 | 0.060 | 0.170 | 0.020 | 0.040 |
| HFMVC | 14 | 2.197 | 1.498 | 0.000 | -2.083 | -1.947 | 1.498 | 1.498 | 60 | ON | 1.640 | 5.390 | 1.250 | 4.060 | 0.470 | 1.490 |
| HFPGC | 14 | 1.512 | 0.813 | 0.000 | 0.938 | 0.817 | 1.181 | 1.116 | 60 | ON | 1.020 | 3.020 | 0.800 | 2.320 | 0.300 | 0.860 |
| HFPHC | 14 | 1.767 | 1.068 | 0.000 | -0.260 | -0.286 | 1.088 | 1.087 | 60 | ON | 0.140 | 0.470 | 0.110 | 0.370 | 0.030 | 0.090 |
| HFPVC | 14 | 1.477 | 0.778 | 0.000 | -2.731 | -2.593 | 0.778 | 0.778 | 60 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| HFQGC | 14 | 1.860 | 1.161 | 0.000 | 1.251 | 1.129 | 1.509 | 1.446 | 60 | ON | 1.490 | 4.600 | 1.160 | 3.510 | 0.440 | 1.300 |
| HFQVC | 14 | 1.860 | 1.161 | 0.000 | -2.386 | -2.250 | 1.161 | 1.161 | 60 | ON | 1.120 | 3.490 | 0.850 | 2.650 | 0.310 | 0.980 |

Report for file CNSHF

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HFRGC 14 | 2.143 | 1.330 | 0.000 | 1.506 | 1.383 | 1.728 | 1.659 | 60 | ON | 1.910 | 6.040 | 1.490 | 4.590 | 0.570 | 1.680 |
| HFRVC 14 | 2.114 | 1.301 | 0.000 | -2.157 | -2.022 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |

Report for file CNSHF

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HFBGS | 1 | 0.91 | 3.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HFDHS | 1 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFCGS | 1 | 0.08 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFCHS | 1 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFKGS | 1 | 2.23 | 8.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 0.00 | 0.00 |
| HFKHS | 1 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFKVS | 1 | 0.04 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFMVS | 1 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPGS | 1 | 0.17 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPHS | 1 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPVS | 1 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFQGS | 1 | 0.25 | 0.70 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HFQVS | 1 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFRGS | 1 | 0.21 | 0.59 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 1.33 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HFRVS | 1 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFSVS | 1 | 0.04 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFBGC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFDHC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFCGC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFCHC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFKGC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFKHC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFKVC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFMVC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPGC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPHC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPVC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFQGS | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFQVS | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFRGC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFRVC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFSVC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFBGF | 3 | 0.78 | 2.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HFDHF | 3 | 0.02 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFCGF | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFCHF | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFKGF | 3 | 2.04 | 7.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 0.00 | 0.00 |

Report for file CNSHF

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HFKHF | 3 | 0.41 | 1.50 | 0.00 | 0.41 | 0.00 | 83.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.16 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| HFKVF | 3 | 1.64 | 6.06 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 3.46 | 16.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.00 | 0.00 |
| HFMVF | 3 | 0.12 | 0.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPGF | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPHF | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPVF | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFQGF | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFQVF | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFRGF | 3 | 0.16 | 0.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFRVF | 3 | 0.11 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFSVF | 3 | 1.51 | 5.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HFSVS | 4 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFBGF | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFDHC | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFCGC | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFCHC | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFKGF | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFKHF | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFKVF | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFMVC | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPGC | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPHC | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPVC | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFQGC | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFQVC | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFRGC | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFRVC | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFSVF | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFBGS | 7 | 0.91 | 3.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HFDHS | 7 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFCGS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFCHS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFKGS | 7 | 2.23 | 8.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 0.00 | 0.00 |
| HFKHS | 7 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFKVS | 7 | 0.04 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFMVS | 7 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPGS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHF

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HFPHS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPVS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFQGS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFQVS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFRGS | 7 | 0.21 | 0.59 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 1.33 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HFRVS | 7 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFSVS | 7 | 0.04 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFBGC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFDHC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFCGC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFCHC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFKGC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFKHC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFKVC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFMVC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPGC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPHC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPVC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFQGC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFQVC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFRGC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFRVC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFSVC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFSVC | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFBGC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFDHC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFCGC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFCHC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFKGC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFKHC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFKVC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFMVC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPGC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPHC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPVC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFQGC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFQVC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHF

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HFRGC 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFRVC 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFSVC 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFDHC 11 | 0.10 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFCGC 11 | 0.51 | 1.46 | 0.19 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.05 | 0.00 | 0.00 |
| HFCHC 11 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFMVC 11 | 1.64 | 5.39 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HFPGC 11 | 1.02 | 3.02 | 0.63 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HFPHC 11 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPVC 11 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HFQGC 11 | 1.49 | 4.60 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HFQVC 11 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HFRGC 11 | 1.91 | 6.04 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HFRVC 11 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HFDHC 12 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFCGC 12 | 0.32 | 0.96 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 |
| HFCHC 12 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFMVC 12 | 0.96 | 2.91 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HFPGC 12 | 0.66 | 2.06 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HFPHC 12 | 0.14 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPVC 12 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HFQGC 12 | 0.99 | 3.20 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HFQVC 12 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HFRGC 12 | 0.85 | 2.70 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HFRVC 12 | 0.94 | 2.84 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HFDHC 13 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFCGC 13 | 0.33 | 1.01 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 |
| HFCHC 13 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFMVC 13 | 1.64 | 5.39 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HFPGC 13 | 0.67 | 2.10 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HFPHC 13 | 0.14 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPVC 13 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HFQGC 13 | 0.99 | 3.20 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HFQVC 13 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HFRGC 13 | 1.24 | 4.07 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HFRVC 13 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HFDHC 14 | 0.10 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHF

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | HAZARD D'STANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HFCGC 14 | 0.51 | 1.46 | 0.19 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.05 | 0.00 | 0.00 |
| HFCHC 14 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFMVC 14 | 1.64 | 5.39 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HFPGC 14 | 1.02 | 3.02 | 0.63 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HFPHC 14 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPVC 14 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HFQGC 14 | 1.49 | 4.60 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HFQVC 14 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HFRGC 14 | 1.91 | 6.04 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HFRVC 14 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |

Report for file CNSHF

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HFBGS | 1 | 0.91 | 3.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HFDHS | 1 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFCGS | 1 | 0.08 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFCHS | 1 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFKGS | 1 | 2.23 | 8.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.00 | 0.00 |
| HFKHS | 1 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFKVS | 1 | 0.04 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFMVS | 1 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPGS | 1 | 0.17 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPHS | 1 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPVS | 1 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFQGS | 1 | 0.25 | 0.70 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFQVS | 1 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFRGS | 1 | 0.21 | 0.59 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFRVS | 1 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFSVS | 1 | 0.04 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFBGC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFDHC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFCGC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFCHC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFKGC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFKHC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFKVC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFMVC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPGC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPHC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPVC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFQGS | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFQVS | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFRGC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFRVC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFSVC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFBGF | 3 | 0.78 | 2.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HFDHF | 3 | 0.02 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFCGF | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFCHF | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFKGF | 3 | 2.04 | 7.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.00 | 0.00 |

Report for file CNSHF

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HFKNF | 3 | 0.41 | 1.50 | 0.00 | 0.07 | 0.00 | 2.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| HFKVF | 3 | 1.64 | 6.06 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.86 | 9.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.00 | 0.00 |
| HFMVF | 3 | 0.12 | 0.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPGF | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPHF | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPVF | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFQGF | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFQVF | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFRGF | 3 | 0.16 | 0.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFRVF | 3 | 0.11 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFSVF | 3 | 1.51 | 5.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HFSVS | 4 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFBGF | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFDHC | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFCGC | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFCHC | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFKGF | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFKHF | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFKVF | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFMVC | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPGC | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPHC | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPVC | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFQGC | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFQVC | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFRGC | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFRVC | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFSVF | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFBGS | 7 | 0.91 | 3.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HFDHS | 7 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFCGS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFCHS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFKGS | 7 | 2.23 | 8.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.00 | 0.00 |
| HFKHS | 7 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFKVS | 7 | 0.04 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFMVS | 7 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPGS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHF

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MFPHS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFPVS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFQGS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFQVS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFRGS | 7 | 0.21 | 0.59 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFRVS | 7 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFSVS | 7 | 0.04 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFBGC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFDHC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFCGC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFCHC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFKGC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFKHC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFKVC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFMVC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFPGC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFPHC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFPVC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFQGC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFQVC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFRGC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFRVC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFSVC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFSVC | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFBGC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFDHC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFCGC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFCHC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFKGC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFKHC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFKVC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFMVC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFPGC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFPHC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFPVC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFQGC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MFQVC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHF

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HFRGC 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFRVC 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFSVC 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFDHC 11 | 0.10 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFCGC 11 | 0.51 | 1.46 | 0.03 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 |
| HFCHC 11 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFMVC 11 | 1.64 | 5.39 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HFPGC 11 | 1.02 | 3.02 | 0.15 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HFPHC 11 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPVC 11 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HFQGC 11 | 1.49 | 4.60 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HFQVC 11 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HFRGC 11 | 1.91 | 6.04 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HFRVC 11 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HFDHC 12 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFCGC 12 | 0.32 | 0.96 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFCHC 12 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFMVC 12 | 0.96 | 2.91 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HFPGC 12 | 0.66 | 2.06 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HFPHC 12 | 0.14 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPVC 12 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HFQGC 12 | 0.99 | 3.20 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HFQVC 12 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HFRGC 12 | 0.85 | 2.70 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HFRVC 12 | 0.94 | 2.84 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HFDHC 13 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFCGC 13 | 0.33 | 1.01 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| HFCHC 13 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFMVC 13 | 1.64 | 5.39 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HFPGC 13 | 0.67 | 2.10 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HFPHC 13 | 0.14 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPVC 13 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HFQGC 13 | 0.99 | 3.20 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HFQVC 13 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HFRGC 13 | 1.24 | 4.07 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HFRVC 13 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HFDHC 14 | 0.10 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHF

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HFCGC 14 | 0.51 | 1.46 | 0.03 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 |
| HFCHC 14 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFMVC 14 | 1.64 | 5.39 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HFPGC 14 | 1.02 | 3.02 | 0.15 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HFPHC 14 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HFPVC 14 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HFQGC 14 | 1.49 | 4.60 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HFQVC 14 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HFRGC 14 | 1.91 | 6.04 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HFRVC 14 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |

Report for file CNSHF

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HFBGS | 1 | 0.910 | 0.050 | 0.800 | 0.600 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFDHS | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCGS | 1 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCHS | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKGS | 1 | 2.230 | 0.370 | 0.920 | 0.840 | 0.600 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKHS | 1 | 0.140 | 0.000 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKVS | 1 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFMVS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPGS | 1 | 0.170 | 0.000 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPHS | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPVS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQGS | 1 | 0.250 | 0.000 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQVS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRGS | 1 | 0.210 | 0.000 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRVS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFSVS | 1 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFBGC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFDHC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCGC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCHC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKGC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKHC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKVC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFMVC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPGC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPHC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPVC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQGS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQVS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRGC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRVC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFSVC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFBGF | 3 | 0.780 | 0.030 | 0.760 | 0.530 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFDHF | 3 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCGF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCHF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKGF | 3 | 2.040 | 0.310 | 0.920 | 0.830 | 0.580 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKHF | 3 | 0.410 | 0.000 | 0.490 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHF

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HFKVF | 3 | 1.640 | 0.190 | 0.890 | 0.780 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFMVF | 3 | 0.120 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPGF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPHF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPVF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQGF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQVF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRGF | 3 | 0.160 | 0.000 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRVF | 3 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFSVF | 3 | 1.510 | 0.160 | 0.880 | 0.760 | 0.450 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFSVS | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFBGF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFDHC | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCGC | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCHC | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKGF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKHF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKVF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFMVC | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPGC | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPHC | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPVC | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQGC | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQVC | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRGC | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRVC | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFSVF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFBGS | 7 | 0.910 | 0.050 | 0.800 | 0.600 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFDHS | 7 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCGS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCHS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKGS | 7 | 2.230 | 0.370 | 0.920 | 0.840 | 0.600 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKHS | 7 | 0.140 | 0.000 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKVS | 7 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFMVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPGS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPHS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHF

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HFQGS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRGS | 7 | 0.210 | 0.000 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFSVS | 7 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFBGC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFDHC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCGC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCHC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKGC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKHC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKVC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFMVC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPGC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPHC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPVC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQGC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQVC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRGC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRVC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFSVC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFSVC | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFBGC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFDHC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCGC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCHC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKGC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKHC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKVC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFMVC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPGC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPHC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPVC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQGC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQVC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRGC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRVC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFSVC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHF

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HFDHC 11 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCGC 11 | 0.510 | 0.000 | 0.660 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCHC 11 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFMVC 11 | 1.640 | 0.190 | 0.890 | 0.790 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPGC 11 | 1.020 | 0.060 | 0.830 | 0.660 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPHC 11 | 0.140 | 0.000 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPVC 11 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQGC 11 | 1.490 | 0.160 | 0.890 | 0.770 | 0.460 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQVC 11 | 1.120 | 0.080 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRGC 11 | 1.910 | 0.270 | 0.910 | 0.820 | 0.560 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRVC 11 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFDHC 12 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCGC 12 | 0.320 | 0.000 | 0.460 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCHC 12 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFMVC 12 | 0.960 | 0.060 | 0.810 | 0.620 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPGC 12 | 0.660 | 0.020 | 0.740 | 0.480 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPHC 12 | 0.140 | 0.000 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPVC 12 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQGC 12 | 0.990 | 0.060 | 0.830 | 0.660 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQVC 12 | 1.120 | 0.080 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRGC 12 | 0.850 | 0.040 | 0.800 | 0.590 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRVC 12 | 0.940 | 0.050 | 0.810 | 0.610 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFDHC 13 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCGC 13 | 0.330 | 0.000 | 0.480 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCHC 13 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFMVC 13 | 1.640 | 0.190 | 0.890 | 0.790 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPGC 13 | 0.670 | 0.020 | 0.740 | 0.490 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPHC 13 | 0.140 | 0.000 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPVC 13 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQGC 13 | 0.990 | 0.060 | 0.830 | 0.660 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQVC 13 | 1.120 | 0.080 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRGC 13 | 1.240 | 0.100 | 0.860 | 0.730 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRVC 13 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFDHC 14 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCGC 14 | 0.510 | 0.000 | 0.660 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCHC 14 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFMVC 14 | 1.640 | 0.190 | 0.890 | 0.790 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPGC 14 | 1.020 | 0.060 | 0.830 | 0.660 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHF

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HFPHC 14 | 0.140 | 0.000 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPVC 14 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQGC 14 | 1.490 | 0.160 | 0.890 | 0.770 | 0.460 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQVC 14 | 1.120 | 0.080 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRGC 14 | 1.910 | 0.270 | 0.910 | 0.820 | 0.560 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRVC 14 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHF

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HFBGS | 1 | 3.010 | 0.370 | 0.930 | 0.860 | 0.650 | 0.410 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFDHS | 1 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCGS | 1 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCHS | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKGS | 1 | 8.350 | 2.400 | 0.970 | 0.950 | 0.870 | 0.740 | 0.490 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKHS | 1 | 0.430 | 0.000 | 0.470 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKVS | 1 | 0.150 | 0.000 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFMVS | 1 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPGS | 1 | 0.450 | 0.000 | 0.540 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPHS | 1 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPVS | 1 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQGS | 1 | 0.700 | 0.010 | 0.700 | 0.460 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQVS | 1 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRGS | 1 | 0.590 | 0.010 | 0.650 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRVS | 1 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFSVS | 1 | 0.140 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFBGC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFDHC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCGC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCHC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKGC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKHC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKVC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFMVC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPGC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPHC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPVC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQGS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQVS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRGC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRVC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFSVC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFBGF | 3 | 2.670 | 0.290 | 0.930 | 0.860 | 0.640 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFDHF | 3 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCGF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCHF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKGF | 3 | 7.780 | 2.110 | 0.970 | 0.950 | 0.870 | 0.750 | 0.500 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKHF | 3 | 1.500 | 0.090 | 0.830 | 0.660 | 0.380 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHF

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HFKVF | 3 | 6.060 | 1.340 | 0.970 | 0.940 | 0.840 | 0.680 | 0.430 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFMVF | 3 | 0.350 | 0.000 | 0.450 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPGF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPHF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPVF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQGF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQVF | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRGF | 3 | 0.480 | 0.000 | 0.580 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRVF | 3 | 0.340 | 0.000 | 0.440 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFSVF | 3 | 5.510 | 1.130 | 0.960 | 0.930 | 0.820 | 0.650 | 0.390 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFSVS | 4 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFBGF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFDHC | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCGC | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCHC | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKGF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKHF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKVF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFMVC | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPGC | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPHC | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPVC | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQGC | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQVC | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRGC | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRVC | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFSVF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFBGS | 7 | 3.010 | 0.370 | 0.930 | 0.860 | 0.650 | 0.410 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFDHS | 7 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCGS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCHS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKGS | 7 | 8.350 | 2.400 | 0.970 | 0.950 | 0.870 | 0.740 | 0.490 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKHS | 7 | 0.430 | 0.000 | 0.470 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKVS | 7 | 0.150 | 0.000 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFMVS | 7 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPGS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPHS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHF

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HFQGS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRGS | 7 | 0.590 | 0.010 | 0.650 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRVS | 7 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFSVS | 7 | 0.140 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFBGC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFDHC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCGC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCHC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKGC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKHC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKVC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFMVC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPGC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPHC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPVC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQGC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQVC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRGC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRVC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFSVC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFSVC | 9 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFBGC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFDHC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCGC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCHC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKGC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKHC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFKVC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFMVC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPGC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPHC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPVC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQGC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQVC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRGC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRVC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFSVC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHF

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HFDHC 11 | 0.310 | 0.000 | 0.400 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCGC 11 | 1.460 | 0.090 | 0.880 | 0.760 | 0.440 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCHC 11 | 0.210 | 0.000 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFMVC 11 | 5.390 | 1.080 | 0.970 | 0.930 | 0.830 | 0.660 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPGC 11 | 3.020 | 0.370 | 0.940 | 0.880 | 0.710 | 0.450 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPHC 11 | 0.470 | 0.000 | 0.480 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPVC 11 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQGC 11 | 4.600 | 0.810 | 0.960 | 0.920 | 0.810 | 0.620 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQVC 11 | 3.490 | 0.490 | 0.950 | 0.900 | 0.750 | 0.490 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRGC 11 | 6.040 | 1.330 | 0.970 | 0.940 | 0.850 | 0.700 | 0.450 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRVC 11 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFDHC 12 | 0.300 | 0.000 | 0.390 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCGC 12 | 0.960 | 0.030 | 0.810 | 0.620 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCHC 12 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFMVC 12 | 2.910 | 0.350 | 0.940 | 0.880 | 0.700 | 0.440 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPGC 12 | 2.060 | 0.180 | 0.920 | 0.830 | 0.580 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPHC 12 | 0.450 | 0.000 | 0.480 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPVC 12 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQGC 12 | 3.200 | 0.410 | 0.950 | 0.890 | 0.730 | 0.470 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQVC 12 | 3.490 | 0.490 | 0.950 | 0.900 | 0.750 | 0.490 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRGC 12 | 2.700 | 0.300 | 0.940 | 0.870 | 0.680 | 0.420 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRVC 12 | 2.840 | 0.330 | 0.940 | 0.880 | 0.690 | 0.430 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFDHC 13 | 0.300 | 0.000 | 0.390 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCGC 13 | 1.010 | 0.040 | 0.820 | 0.640 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCHC 13 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFMVC 13 | 5.390 | 1.080 | 0.970 | 0.930 | 0.830 | 0.660 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPGC 13 | 2.100 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPHC 13 | 0.450 | 0.000 | 0.480 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPVC 13 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQGC 13 | 3.200 | 0.410 | 0.950 | 0.890 | 0.730 | 0.470 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQVC 13 | 3.490 | 0.490 | 0.950 | 0.900 | 0.750 | 0.490 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRGC 13 | 4.070 | 0.650 | 0.960 | 0.910 | 0.780 | 0.570 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRVC 13 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFDHC 14 | 0.310 | 0.000 | 0.400 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCGC 14 | 1.460 | 0.090 | 0.880 | 0.760 | 0.440 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFCHC 14 | 0.210 | 0.000 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFMVC 14 | 5.390 | 1.080 | 0.970 | 0.930 | 0.830 | 0.660 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPGC 14 | 3.020 | 0.370 | 0.940 | 0.880 | 0.710 | 0.450 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHF

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HFPHC 14 | 0.470 | 0.000 | 0.480 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFPVC 14 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQGC 14 | 4.600 | 0.810 | 0.960 | 0.920 | 0.810 | 0.620 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFQVC 14 | 3.490 | 0.490 | 0.950 | 0.900 | 0.750 | 0.490 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRGC 14 | 6.040 | 1.330 | 0.970 | 0.940 | 0.850 | 0.700 | 0.450 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HFRVC 14 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

# ACTIVITY CODE: HQ

# HANDLING, ON-SITE
# - AWAY FROM THE DISPOSAL FACILITY -

Report for file CNSHO

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HOBGC | 1 | 0.000 | 0.000 | 0.629 | 0.000 | 0.000 | 0.629 | 0.629 | 60 | ON | 0.250 | 0.830 | 0.190 | 0.610 | 0.060 | 0.200 |
| HODHC | 1 | 0.000 | 0.000 | -2.886 | 0.000 | 0.000 | -2.886 | -2.886 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCGC | 1 | 0.000 | 0.000 | -0.963 | 0.000 | 0.000 | -0.963 | -0.963 | 60 | ON | 0.030 | 0.090 | 0.020 | 0.070 | 0.010 | 0.020 |
| HOCHC | 1 | 0.000 | 0.000 | -2.886 | 0.000 | 0.000 | -2.886 | -2.886 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKGC | 1 | 0.000 | 0.000 | 0.806 | 0.000 | 0.000 | 0.806 | 0.806 | 60 | ON | 0.310 | 1.060 | 0.230 | 0.780 | 0.080 | 0.260 |
| HOKHC | 1 | 0.000 | 0.000 | -1.602 | 0.000 | 0.000 | -1.602 | -1.602 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| HOKVC | 1 | 0.000 | 0.000 | -3.569 | 0.000 | 0.000 | -3.569 | -3.569 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| HOMVC | 1 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPGC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPHC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQGC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORGC | 1 | 0.000 | 0.000 | -0.351 | 0.000 | 0.000 | -0.351 | -0.351 | 60 | ON | 0.070 | 0.210 | 0.050 | 0.160 | 0.020 | 0.050 |
| HORVC | 1 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOSVC | 1 | 0.000 | 0.000 | -3.569 | 0.000 | 0.000 | -3.569 | -3.569 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| HOKHF | 2 | 0.000 | 0.000 | 1.929 | 0.000 | 0.000 | 1.929 | 1.929 | 10 | ON | 0.410 | 1.500 | 0.330 | 1.160 | 0.100 | 0.290 |
| HOBGC | 3 | 0.000 | 0.000 | 0.629 | 0.000 | 0.000 | 0.629 | 0.629 | 60 | ON | 0.250 | 0.830 | 0.190 | 0.610 | 0.060 | 0.200 |
| HODHC | 3 | 0.000 | 0.000 | -2.886 | 0.000 | 0.000 | -2.886 | -2.886 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCGC | 3 | 0.000 | 0.000 | -0.963 | 0.000 | 0.000 | -0.963 | -0.963 | 60 | ON | 0.030 | 0.090 | 0.020 | 0.070 | 0.010 | 0.020 |
| HOCHC | 3 | 0.000 | 0.000 | -2.886 | 0.000 | 0.000 | -2.886 | -2.886 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOMVC | 3 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPGC | 3 | 0.000 | 0.000 | -0.620 | 0.000 | 0.000 | -0.620 | -0.620 | 60 | ON | 0.050 | 0.150 | 0.040 | 0.110 | 0.010 | 0.030 |
| HOPHC | 3 | 0.000 | 0.000 | -2.678 | 0.000 | 0.000 | -2.678 | -2.678 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPVC | 3 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQGC | 3 | 0.000 | 0.000 | -0.252 | 0.000 | 0.000 | -0.252 | -0.252 | 60 | ON | 0.080 | 0.250 | 0.060 | 0.180 | 0.020 | 0.060 |
| HOQVC | 3 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORGC | 3 | 0.000 | 0.000 | -0.351 | 0.000 | 0.000 | -0.351 | -0.351 | 60 | ON | 0.070 | 0.210 | 0.050 | 0.160 | 0.020 | 0.050 |
| HORVC | 3 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOSVC | 3 | 0.000 | 0.000 | -3.569 | 0.000 | 0.000 | -3.569 | -3.569 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| HOBGC | 4 | 0.000 | 0.000 | 0.629 | 0.000 | 0.000 | 0.629 | 0.629 | 60 | ON | 0.250 | 0.830 | 0.190 | 0.610 | 0.060 | 0.200 |
| HODHC | 4 | 0.000 | 0.000 | -2.886 | 0.000 | 0.000 | -2.886 | -2.886 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCGC | 4 | 0.000 | 0.000 | -0.963 | 0.000 | 0.000 | -0.963 | -0.963 | 60 | ON | 0.030 | 0.090 | 0.020 | 0.070 | 0.010 | 0.020 |
| HOCHC | 4 | 0.000 | 0.000 | -2.886 | 0.000 | 0.000 | -2.886 | -2.886 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKGC | 4 | 0.000 | 0.000 | 0.806 | 0.000 | 0.000 | 0.806 | 0.806 | 60 | ON | 0.310 | 1.060 | 0.230 | 0.780 | 0.080 | 0.260 |
| HOKHC | 4 | 0.000 | 0.000 | -1.602 | 0.000 | 0.000 | -1.602 | -1.602 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| HOKVC | 4 | 0.000 | 0.000 | -3.569 | 0.000 | 0.000 | -3.569 | -3.569 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| HOMVC | 4 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPGC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHO

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HOPHC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPVC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQGC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQVC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORGC | 4 | 0.000 | 0.000 | -0.351 | 0.000 | 0.000 | -0.351 | -0.351 | 60 | ON | 0.070 | 0.210 | 0.050 | 0.160 | 0.020 | 0.050 |
| HORVC | 4 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOSVC | 4 | 0.000 | 0.000 | -3.569 | 0.000 | 0.000 | -3.569 | -3.569 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| HOBGS | 5 | 2.342 | 0.000 | 0.000 | 1.685 | 1.562 | 1.685 | 1.562 | 60 | ON | 0.910 | 3.010 | 0.690 | 2.220 | 0.250 | 0.720 |
| HODHS | 5 | 0.778 | 0.000 | 0.000 | -1.150 | -1.173 | -1.150 | -1.173 | 60 | ON | 0.010 | 0.020 | 0.010 | 0.010 | 0.000 | 0.000 |
| HOCGS | 5 | 0.204 | 0.000 | 0.000 | -0.239 | -0.355 | -0.239 | -0.355 | 60 | ON | 0.080 | 0.210 | 0.060 | 0.160 | 0.020 | 0.050 |
| HOCHS | 5 | 0.505 | 0.000 | 0.000 | -1.395 | -1.418 | -1.395 | -1.418 | 60 | ON | 0.010 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| HOKGS | 5 | 3.176 | 0.000 | 0.000 | 2.436 | 2.312 | 2.436 | 2.312 | 60 | ON | 2.230 | 8.350 | 1.680 | 6.130 | 0.630 | 1.940 |
| HOKHS | 5 | 3.230 | 0.000 | 0.000 | 1.057 | 1.028 | 1.057 | 1.028 | 60 | ON | 0.140 | 0.430 | 0.110 | 0.340 | 0.030 | 0.080 |
| HOKVS | 5 | 3.204 | 0.000 | 0.000 | -1.176 | -1.042 | -1.176 | -1.042 | 60 | ON | 0.040 | 0.150 | 0.030 | 0.100 | 0.010 | 0.030 |
| HOMVS | 5 | 1.021 | 0.000 | 0.000 | -3.141 | -3.002 | -3.141 | -3.002 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HOPGS | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPHS | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPVS | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQGS | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQVS | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORGS | 5 | 1.029 | 0.000 | 0.000 | 0.503 | 0.384 | 0.503 | 0.384 | 60 | ON | 0.210 | 0.590 | 0.160 | 0.440 | 0.060 | 0.140 |
| HORVS | 5 | 1.000 | 0.000 | 0.000 | -3.160 | -3.021 | -3.160 | -3.021 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HOSVS | 5 | 3.132 | 0.000 | 0.000 | -1.241 | -1.107 | -1.241 | -1.107 | 60 | ON | 0.040 | 0.140 | 0.030 | 0.100 | 0.010 | 0.030 |
| HOBGF | 6 | 0.000 | 0.000 | 1.342 | 0.000 | 0.000 | 1.342 | 1.342 | 10 | ON | 0.780 | 2.670 | 0.590 | 2.010 | 0.210 | 0.700 |
| HODHF | 6 | 0.000 | 0.000 | -0.523 | 0.000 | 0.000 | -0.523 | -0.523 | 10 | ON | 0.020 | 0.050 | 0.010 | 0.040 | 0.000 | 0.010 |
| HOCGF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCHF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKGF | 6 | 0.000 | 0.000 | 2.176 | 0.000 | 0.000 | 2.176 | 2.176 | 10 | ON | 2.040 | 7.780 | 1.580 | 5.820 | 0.590 | 1.980 |
| HOKHF | 6 | 0.000 | 0.000 | 1.929 | 0.000 | 0.000 | 1.929 | 1.929 | 10 | ON | 0.410 | 1.500 | 0.330 | 1.160 | 0.100 | 0.290 |
| HOKVF | 6 | 0.000 | 0.000 | 1.602 | 0.000 | 0.000 | 1.602 | 1.602 | 10 | ON | 1.640 | 6.060 | 1.250 | 4.480 | 0.460 | 1.560 |
| HOMVF | 6 | 0.000 | 0.000 | -0.581 | 0.000 | 0.000 | -0.581 | -0.581 | 10 | ON | 0.120 | 0.350 | 0.090 | 0.260 | 0.030 | 0.080 |
| HOPGF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPHF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPVF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQGF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQVF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORGF | 6 | 0.000 | 0.000 | 0.029 | 0.000 | 0.000 | 0.029 | 0.029 | 10 | ON | 0.160 | 0.480 | 0.120 | 0.360 | 0.040 | 0.120 |
| HORVF | 6 | 0.000 | 0.000 | -0.602 | 0.000 | 0.000 | -0.602 | -0.602 | 10 | ON | 0.110 | 0.340 | 0.080 | 0.250 | 0.030 | 0.080 |
| HOSVF | 6 | 0.000 | 0.000 | 1.530 | 0.000 | 0.000 | 1.530 | 1.530 | 10 | ON | 1.510 | 5.510 | 1.150 | 4.080 | 0.430 | 1.430 |

Report for file CNSHO

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HOBGS | 7 | 2.342 | 0.000 | 0.000 | 1.685 | 1.562 | 1.685 | 1.562 | 60 | ON | 0.910 | 3.010 | 0.690 | 2.220 | 0.250 | 0.720 |
| HODHS | 7 | 0.778 | 0.000 | 0.000 | -1.150 | -1.173 | -1.150 | -1.173 | 60 | ON | 0.010 | 0.020 | 0.010 | 0.010 | 0.000 | 0.000 |
| HOCGS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCHS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKGS | 7 | 3.176 | 0.000 | 0.000 | 2.436 | 2.312 | 2.436 | 2.312 | 60 | ON | 2.230 | 8.350 | 1.680 | 6.130 | 0.630 | 1.940 |
| HOKHS | 7 | 3.230 | 0.000 | 0.000 | 1.057 | 1.028 | 1.057 | 1.028 | 60 | ON | 0.140 | 0.430 | 0.110 | 0.340 | 0.030 | 0.080 |
| HOKVS | 7 | 3.204 | 0.000 | 0.000 | -1.176 | -1.042 | -1.176 | -1.042 | 60 | ON | 0.040 | 0.150 | 0.030 | 0.100 | 0.010 | 0.030 |
| HOMVS | 7 | 1.021 | 0.000 | 0.000 | -3.141 | -3.002 | -3.141 | -3.002 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HOPGS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPHS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQGS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORGS | 7 | 1.029 | 0.000 | 0.000 | 0.503 | 0.384 | 0.503 | 0.384 | 60 | ON | 0.210 | 0.590 | 0.160 | 0.440 | 0.060 | 0.140 |
| HORVS | 7 | 1.000 | 0.000 | 0.000 | -3.160 | -3.021 | -3.160 | -3.021 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HOSVS | 7 | 3.132 | 0.000 | 0.000 | -1.241 | -1.107 | -1.241 | -1.107 | 60 | ON | 0.040 | 0.140 | 0.030 | 0.100 | 0.010 | 0.030 |
| HODHC | 11 | 0.000 | 0.778 | -2.886 | 0.000 | 0.000 | 0.778 | 0.778 | 60 | ON | 0.100 | 0.300 | 0.080 | 0.240 | 0.020 | 0.060 |
| HOCGC | 11 | 0.000 | 0.204 | -0.796 | 0.000 | 0.000 | 0.245 | 0.245 | 60 | ON | 0.330 | 1.010 | 0.260 | 0.780 | 0.090 | 0.280 |
| HOCHC | 11 | 0.000 | 0.505 | -3.097 | 0.000 | 0.000 | 0.505 | 0.505 | 60 | ON | 0.070 | 0.210 | 0.050 | 0.170 | 0.020 | 0.040 |
| HOMVC | 11 | 0.000 | 1.498 | -4.398 | 0.000 | 0.000 | 1.498 | 1.498 | 60 | ON | 1.640 | 5.390 | 1.250 | 4.060 | 0.470 | 1.480 |
| HOPGC | 11 | 0.000 | 0.813 | -0.959 | 0.000 | 0.000 | 0.820 | 0.820 | 60 | ON | 0.660 | 2.070 | 0.520 | 1.600 | 0.190 | 0.590 |
| HOPHC | 11 | 0.000 | 1.068 | -3.155 | 0.000 | 0.000 | 1.068 | 1.068 | 60 | ON | 0.140 | 0.450 | 0.110 | 0.360 | 0.030 | 0.090 |
| HOPVC | 11 | 0.000 | 0.778 | -5.000 | 0.000 | 0.000 | 0.778 | 0.778 | 60 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| HOQGC | 11 | 0.000 | 1.161 | -0.770 | 0.000 | 0.000 | 1.166 | 1.166 | 60 | ON | 1.000 | 3.220 | 0.780 | 2.470 | 0.290 | 0.920 |
| HOQVC | 11 | 0.000 | 1.161 | -5.000 | 0.000 | 0.000 | 1.161 | 1.161 | 60 | ON | 1.120 | 3.490 | 0.850 | 2.640 | 0.310 | 0.980 |
| HORGC | 11 | 0.000 | 1.330 | 0.017 | 0.000 | 0.000 | 1.351 | 1.351 | 60 | ON | 1.240 | 4.070 | 0.970 | 3.120 | 0.360 | 1.160 |
| HORVC | 11 | 0.000 | 1.301 | -5.000 | 0.000 | 0.000 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| HODHC | 12 | 0.000 | 0.778 | -2.886 | 0.000 | 0.000 | 0.778 | 0.778 | 60 | ON | 0.100 | 0.300 | 0.080 | 0.240 | 0.020 | 0.060 |
| HOCGC | 12 | 0.000 | 0.204 | -0.796 | 0.000 | 0.000 | 0.245 | 0.245 | 60 | ON | 0.330 | 1.010 | 0.260 | 0.780 | 0.090 | 0.280 |
| HOCHC | 12 | 0.000 | 0.505 | -3.097 | 0.000 | 0.000 | 0.505 | 0.505 | 60 | ON | 0.070 | 0.210 | 0.050 | 0.170 | 0.020 | 0.040 |
| HOMVC | 12 | 0.000 | 1.498 | -4.398 | 0.000 | 0.000 | 1.498 | 1.498 | 60 | ON | 1.640 | 5.390 | 1.250 | 4.060 | 0.470 | 1.480 |
| HOPGC | 12 | 0.000 | 0.813 | -0.959 | 0.000 | 0.000 | 0.820 | 0.820 | 60 | ON | 0.660 | 2.070 | 0.520 | 1.600 | 0.190 | 0.590 |
| HOPHC | 12 | 0.000 | 1.068 | -3.155 | 0.000 | 0.000 | 1.068 | 1.068 | 60 | ON | 0.140 | 0.450 | 0.110 | 0.360 | 0.030 | 0.090 |
| HOPVC | 12 | 0.000 | 0.778 | -5.000 | 0.000 | 0.000 | 0.778 | 0.778 | 60 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| HOQGC | 12 | 0.000 | 1.161 | -0.770 | 0.000 | 0.000 | 1.166 | 1.166 | 60 | ON | 1.000 | 3.220 | 0.780 | 2.470 | 0.290 | 0.920 |
| HOQVC | 12 | 0.000 | 1.161 | -5.000 | 0.000 | 0.000 | 1.161 | 1.161 | 60 | ON | 1.120 | 3.490 | 0.850 | 2.640 | 0.310 | 0.980 |
| HORGC | 12 | 0.000 | 1.330 | 0.017 | 0.000 | 0.000 | 1.351 | 1.351 | 60 | ON | 1.240 | 4.070 | 0.970 | 3.120 | 0.360 | 1.160 |
| HORVC | 12 | 0.000 | 1.301 | -5.000 | 0.000 | 0.000 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| HODHC | 22 | 1.477 | 0.778 | 0.000 | -0.521 | -0.546 | 0.799 | 0.798 | 60 | ON | 0.100 | 0.310 | 0.080 | 0.250 | 0.020 | 0.060 |

Report for file CNSHO

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HOCGC 22 | 0.903 | 0.204 | 0.000 | 0.390 | 0.271 | 0.608 | 0.540 | 60 | ON | 0.510 | 1.460 | 0.410 | 1.120 | 0.150 | 0.410 |
| HOCHC 22 | 1.204 | 0.505 | 0.000 | -0.766 | -0.791 | 0.528 | 0.526 | 60 | ON | 0.070 | 0.210 | 0.060 | 0.170 | 0.020 | 0.040 |
| HOMVC 22 | 2.540 | 1.498 | 0.000 | -1.774 | -1.639 | 1.498 | 1.498 | 60 | ON | 1.640 | 5.390 | 1.250 | 4.060 | 0.470 | 1.490 |
| HOPGC 22 | 1.512 | 0.813 | 0.000 | 0.938 | 0.817 | 1.181 | 1.116 | 60 | ON | 1.020 | 3.020 | 0.800 | 2.320 | 0.300 | 0.860 |
| HOPHC 22 | 1.767 | 1.068 | 0.000 | -0.260 | -0.286 | 1.088 | 1.087 | 60 | ON | 0.140 | 0.470 | 0.110 | 0.370 | 0.030 | 0.090 |
| HOPVC 22 | 1.477 | 0.778 | 0.000 | -2.731 | -2.593 | 0.778 | 0.778 | 60 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| HOQGC 22 | 1.860 | 1.161 | 0.000 | 1.251 | 1.129 | 1.509 | 1.446 | 60 | ON | 1.490 | 4.600 | 1.160 | 3.510 | 0.440 | 1.300 |
| HOQVC 22 | 1.860 | 1.161 | 0.000 | -2.386 | -2.250 | 1.161 | 1.161 | 60 | ON | 1.120 | 3.490 | 0.850 | 2.650 | 0.310 | 0.980 |
| HORGC 22 | 2.143 | 1.330 | 0.000 | 1.506 | 1.383 | 1.728 | 1.659 | 60 | ON | 1.910 | 6.040 | 1.490 | 4.590 | 0.570 | 1.680 |
| HORVC 22 | 2.114 | 1.301 | 0.000 | -2.157 | -2.022 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| HODHC 24 | 1.477 | 0.778 | 0.000 | -0.521 | -0.546 | 0.799 | 0.798 | 60 | ON | 0.100 | 0.310 | 0.080 | 0.250 | 0.020 | 0.060 |
| HOCGC 24 | 0.903 | 0.204 | 0.000 | 0.390 | 0.271 | 0.608 | 0.540 | 60 | ON | 0.510 | 1.460 | 0.410 | 1.120 | 0.150 | 0.410 |
| HOCHC 24 | 1.204 | 0.505 | 0.000 | -0.766 | -0.791 | 0.528 | 0.526 | 60 | ON | 0.070 | 0.210 | 0.060 | 0.170 | 0.020 | 0.040 |
| HOMVC 24 | 2.540 | 1.498 | 0.000 | -1.774 | -1.639 | 1.498 | 1.498 | 60 | ON | 1.640 | 5.390 | 1.250 | 4.060 | 0.470 | 1.490 |
| HOPGC 24 | 1.512 | 0.813 | 0.000 | 0.938 | 0.817 | 1.181 | 1.116 | 60 | ON | 1.020 | 3.020 | 0.800 | 2.320 | 0.300 | 0.860 |
| HOPHC 24 | 1.767 | 1.068 | 0.000 | -0.260 | -0.286 | 1.088 | 1.087 | 60 | ON | 0.140 | 0.470 | 0.110 | 0.370 | 0.030 | 0.090 |
| HOPVC 24 | 1.477 | 0.778 | 0.000 | -2.731 | -2.593 | 0.778 | 0.778 | 60 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| HOQGC 24 | 1.860 | 1.161 | 0.000 | 1.251 | 1.129 | 1.509 | 1.446 | 60 | ON | 1.490 | 4.600 | 1.160 | 3.510 | 0.440 | 1.300 |
| HOQVC 24 | 1.860 | 1.161 | 0.000 | -2.386 | -2.250 | 1.161 | 1.161 | 60 | ON | 1.120 | 3.490 | 0.850 | 2.650 | 0.310 | 0.980 |
| HORGC 24 | 2.143 | 1.330 | 0.000 | 1.506 | 1.383 | 1.728 | 1.659 | 60 | ON | 1.910 | 6.040 | 1.490 | 4.590 | 0.570 | 1.680 |
| HORVC 24 | 2.114 | 1.301 | 0.000 | -2.157 | -2.022 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| HOBGF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HODHC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCGC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCHC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKGF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKHF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKVF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOMVC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPGC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPHC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPVC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQGC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQVC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORGC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORVC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOSVF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HOBGC | 1 | 0.25 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HODHC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCGC | 1 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCHC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOKGC | 1 | 0.31 | 1.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| HOKHC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOKVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOMVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPGC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPHC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPVC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOQGC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOQVC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HORGC | 1 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HORVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOSVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOKHF | 2 | 0.41 | 1.50 | 0.00 | 0.07 | 0.00 | 2.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| HOBGC | 3 | 0.25 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HODHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCGC | 3 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOMVC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPGC | 3 | 0.05 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPVC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOQGC | 3 | 0.08 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOQVC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HORGC | 3 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HORVC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOSVC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOBGC | 4 | 0.25 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HODHC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCGC | 4 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCHC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOKGC | 4 | 0.31 | 1.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| HOKHC | 4 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOKVC | 4 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HOMVC | 4 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPGC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPHC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPVC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOQGC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOQVC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HORGC | 4 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HORVC | 4 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOSVC | 4 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOBGS | 5 | 0.91 | 3.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HODHS | 5 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCGS | 5 | 0.08 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCHS | 5 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOKGS | 5 | 2.23 | 8.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.00 | 0.00 |
| HOKHS | 5 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOKVS | 5 | 0.04 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOMVS | 5 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPGS | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPHS | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPVS | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOQGS | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOQVS | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HORGS | 5 | 0.21 | 0.59 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HORVS | 5 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOSVS | 5 | 0.04 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOBGF | 6 | 0.78 | 2.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HODHF | 6 | 0.02 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCGF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCHF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOKGF | 6 | 2.04 | 7.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.00 | 0.00 |
| HOKHF | 6 | 0.41 | 1.50 | 0.00 | 0.07 | 0.00 | 2.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| HOKVF | 6 | 1.64 | 6.06 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.86 | 9.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.00 | 0.00 |
| HOMVF | 6 | 0.12 | 0.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPGF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPHF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPVF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOQGF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HOQVF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HORGF | 6 | 0.16 | 0.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HORVF | 6 | 0.11 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOSVF | 6 | 1.51 | 5.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HOBGS | 7 | 0.91 | 3.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HODHS | 7 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCGS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCHS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOKGS | 7 | 2.23 | 8.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.00 | 0.00 |
| HOKHS | 7 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOKVS | 7 | 0.04 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOMVS | 7 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPGS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPHS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPVS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOQGS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOQVS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HORGS | 7 | 0.21 | 0.59 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HORVS | 7 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOSVS | 7 | 0.04 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HODHC | 11 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCGC | 11 | 0.33 | 1.01 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| HOCHC | 11 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOMVC | 11 | 1.64 | 5.39 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HOPGC | 11 | 0.66 | 2.07 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HOPHC | 11 | 0.14 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPVC | 11 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HOQGC | 11 | 1.00 | 3.22 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HOQVC | 11 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HORGC | 11 | 1.24 | 4.07 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HORVC | 11 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HODHC | 12 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCGC | 12 | 0.33 | 1.01 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| HOCHC | 12 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOMVC | 12 | 1.64 | 5.39 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HOPGC | 12 | 0.66 | 2.07 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HOPHC | 12 | 0.14 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HOPVC 12 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HOQGC 12 | 1.00 | 3.22 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HOQVC 12 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HORGC 12 | 1.24 | 4.07 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HORVC 12 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HODHC 22 | 0.10 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCGC 22 | 0.51 | 1.46 | 0.03 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 |
| HOCHC 22 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOMVC 22 | 1.64 | 5.39 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HOPGC 22 | 1.02 | 3.02 | 0.15 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HOPHC 22 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPVC 22 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HOQGC 22 | 1.49 | 4.60 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HOQVC 22 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HORGC 22 | 1.91 | 6.04 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HORVC 22 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HODHC 24 | 0.10 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCGC 24 | 0.51 | 1.46 | 0.03 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 |
| HOCHC 24 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOMVC 24 | 1.64 | 5.39 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HOPGC 24 | 1.02 | 3.02 | 0.15 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HOPHC 24 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPVC 24 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HOQGC 24 | 1.49 | 4.60 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HOQVC 24 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HORGC 24 | 1.91 | 6.04 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HORVC 24 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HOBGF 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HODHC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCGC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCHC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOKGF 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOKHF 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOKVF 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOMVC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPGC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPHC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HOPVC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOQGC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOQVC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HORGC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HORVC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOSVF 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HOBGC | 1 | 0.25 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HODHC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCGC | 1 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCHC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOKGC | 1 | 0.31 | 1.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 |
| HOKHC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOKVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOMVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPGC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPHC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPVC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOQGC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOQVC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HORGC | 1 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HORVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOSVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOKHF | 2 | 0.41 | 1.50 | 0.00 | 0.41 | 0.00 | 83.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.16 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| HOBGC | 3 | 0.25 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HODHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCGC | 3 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOMVC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPGC | 3 | 0.05 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPVC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOQGC | 3 | 0.08 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOQVC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HORGC | 3 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HORVC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOSVC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOBGC | 4 | 0.25 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HODHC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCGC | 4 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCHC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOKGC | 4 | 0.31 | 1.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 |
| HOKHC | 4 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOKVC | 4 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HOMVC | 4 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPGC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPHC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPVC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOQGC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOQVC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HORGC | 4 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HORVC | 4 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOSVC | 4 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOBGS | 5 | 0.91 | 3.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HODHS | 5 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCGS | 5 | 0.08 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCHS | 5 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOKGS | 5 | 2.23 | 8.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 0.00 | 0.00 |
| HOKHS | 5 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOKVS | 5 | 0.04 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOMVS | 5 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPGS | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPHS | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPVS | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOQGS | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOQVS | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HORGS | 5 | 0.21 | 0.59 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 1.33 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HORVS | 5 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOSVS | 5 | 0.04 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOBGF | 6 | 0.78 | 2.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HODHF | 6 | 0.02 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCGF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCHF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOKGF | 6 | 2.04 | 7.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 0.00 | 0.00 |
| HOKHF | 6 | 0.41 | 1.50 | 0.00 | 0.41 | 0.00 | 83.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.16 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| HOKVF | 6 | 1.64 | 6.06 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 3.46 | 16.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.00 | 0.00 |
| HOMVF | 6 | 0.12 | 0.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPGF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPHF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPVF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOQGF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HOQVF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HORGF | 6 | 0.16 | 0.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HORVF | 6 | 0.11 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOSVF | 6 | 1.51 | 5.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HOBGS | 7 | 0.91 | 3.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HODHS | 7 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCGS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCHS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOKGS | 7 | 2.23 | 8.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 0.00 | 0.00 |
| HOKHS | 7 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOKVS | 7 | 0.04 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOMVS | 7 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPGS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPHS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPVS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOQGS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOQVS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HORGS | 7 | 0.21 | 0.59 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 1.33 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HORVS | 7 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOSVS | 7 | 0.04 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HODHC | 11 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCGC | 11 | 0.33 | 1.01 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 |
| HOCHC | 11 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOMVC | 11 | 1.64 | 5.39 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HOPGC | 11 | 0.66 | 2.07 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HOPHC | 11 | 0.14 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPVC | 11 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HOQGC | 11 | 1.00 | 3.22 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HOQVC | 11 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HORGC | 11 | 1.24 | 4.07 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HORVC | 11 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HODHC | 12 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCGC | 12 | 0.33 | 1.01 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 |
| HOCHC | 12 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOMVC | 12 | 1.64 | 5.39 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HOPGC | 12 | 0.66 | 2.07 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HOPHC | 12 | 0.14 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HOPVC | 12 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HOQGC | 12 | 1.00 | 3.22 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HOQVC | 12 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HORGC | 12 | 1.24 | 4.07 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HORVC | 12 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HODHC | 22 | 0.10 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCGC | 22 | 0.51 | 1.46 | 0.19 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.05 | 0.00 | 0.00 |
| HOCHC | 22 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOMVC | 22 | 1.64 | 5.39 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HOPGC | 22 | 1.02 | 3.02 | 0.63 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HOPHC | 22 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPVC | 22 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HOQGC | 22 | 1.49 | 4.60 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HOQVC | 22 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HORGC | 22 | 1.91 | 6.04 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HORVC | 22 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HODHC | 24 | 0.10 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCGC | 24 | 0.51 | 1.46 | 0.19 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.05 | 0.00 | 0.00 |
| HOCHC | 24 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOMVC | 24 | 1.64 | 5.39 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HOPGC | 24 | 1.02 | 3.02 | 0.63 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HOPHC | 24 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPVC | 24 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HOQGC | 24 | 1.49 | 4.60 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HOQVC | 24 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HORGC | 24 | 1.91 | 6.04 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HORVC | 24 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HOBGF | 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HODHC | 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCGC | 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOCHC | 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOKGF | 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOKHF | 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOKVF | 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOMVC | 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPGC | 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOPHC | 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HOPVC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOQGC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOQVC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HORGC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HORVC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HOSVF 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HOBGC | 1 | 0.250 | 0.000 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HODHC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCGC | 1 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCHC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKGC | 1 | 0.310 | 0.000 | 0.440 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKHC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOMVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPGC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPHC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQGC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORGC | 1 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOSVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKHF | 2 | 0.410 | 0.000 | 0.490 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOBGC | 3 | 0.250 | 0.000 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HODHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCGC | 3 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOMVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPGC | 3 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQGC | 3 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORGC | 3 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOSVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOBGC | 4 | 0.250 | 0.000 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HODHC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCGC | 4 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCHC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKGC | 4 | 0.310 | 0.000 | 0.440 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKHC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKVC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOMVC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HOPGC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPHC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPVC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQGC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQVC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORGC | 4 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORVC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOSVC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOBGS | 5 | 0.910 | 0.050 | 0.800 | 0.600 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HODHS | 5 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCGS | 5 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCHS | 5 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKGS | 5 | 2.230 | 0.370 | 0.920 | 0.840 | 0.600 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKHS | 5 | 0.140 | 0.000 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKVS | 5 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOMVS | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPGS | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPHS | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPVS | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQGS | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQVS | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORGS | 5 | 0.210 | 0.000 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORVS | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOSVS | 5 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOBGF | 6 | 0.780 | 0.030 | 0.760 | 0.530 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HODHF | 6 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCGF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCHF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKGF | 6 | 2.040 | 0.310 | 0.920 | 0.830 | 0.580 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKHF | 6 | 0.410 | 0.000 | 0.490 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKVF | 6 | 1.640 | 0.190 | 0.890 | 0.780 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOMVF | 6 | 0.120 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPGF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPHF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPVF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQGF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQVF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORGF | 6 | 0.160 | 0.000 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HORVF 6 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOSVF 6 | 1.510 | 0.160 | 0.880 | 0.760 | 0.450 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOBGS 7 | 0.910 | 0.050 | 0.800 | 0.600 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HODHS 7 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCGS 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCHS 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKGS 7 | 2.230 | 0.370 | 0.920 | 0.840 | 0.600 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKHS 7 | 0.140 | 0.000 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKVS 7 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOMVS 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPGS 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPHS 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPVS 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQGS 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQVS 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORGS 7 | 0.210 | 0.000 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORVS 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOSVS 7 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HODHC 11 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCGC 11 | 0.330 | 0.000 | 0.480 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCHC 11 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOMVC 11 | 1.640 | 0.190 | 0.890 | 0.790 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPGC 11 | 0.660 | 0.020 | 0.740 | 0.490 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPHC 11 | 0.140 | 0.000 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPVC 11 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQGC 11 | 1.000 | 0.060 | 0.830 | 0.660 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQVC 11 | 1.120 | 0.080 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORGC 11 | 1.240 | 0.100 | 0.860 | 0.730 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORVC 11 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HODHC 12 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCGC 12 | 0.330 | 0.000 | 0.480 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCHC 12 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOMVC 12 | 1.640 | 0.190 | 0.890 | 0.790 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPGC 12 | 0.660 | 0.020 | 0.740 | 0.490 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPHC 12 | 0.140 | 0.000 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPVC 12 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQGC 12 | 1.000 | 0.060 | 0.830 | 0.660 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQVC 12 | 1.120 | 0.080 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HORGC 12 | 1.240 | 0.100 | 0.860 | 0.730 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORVC 12 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HODHC 22 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCGC 22 | 0.510 | 0.000 | 0.660 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCHC 22 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOMVC 22 | 1.640 | 0.190 | 0.890 | 0.790 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPGC 22 | 1.020 | 0.060 | 0.830 | 0.660 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPHC 22 | 0.140 | 0.000 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPVC 22 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQGC 22 | 1.490 | 0.160 | 0.890 | 0.770 | 0.460 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQVC 22 | 1.120 | 0.080 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORGC 22 | 1.910 | 0.270 | 0.910 | 0.820 | 0.560 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORVC 22 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HODHC 24 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCGC 24 | 0.510 | 0.000 | 0.660 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCHC 24 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOMVC 24 | 1.640 | 0.190 | 0.890 | 0.790 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPGC 24 | 1.020 | 0.060 | 0.830 | 0.660 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPHC 24 | 0.140 | 0.000 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPVC 24 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQGC 24 | 1.490 | 0.160 | 0.890 | 0.770 | 0.460 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQVC 24 | 1.120 | 0.080 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORGC 24 | 1.910 | 0.270 | 0.910 | 0.820 | 0.560 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORVC 24 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOBGF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HODHC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCGC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCHC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKGF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKHF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKVF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOMVC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPGC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPHC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPVC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQGC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQVC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORGC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HORVC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOSVF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HOBGC | 1 | 0.830 | 0.020 | 0.750 | 0.500 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HODHC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCGC | 1 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCHC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKGC | 1 | 1.060 | 0.040 | 0.810 | 0.610 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKHC | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKVC | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOMVC | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPGC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPHC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQGC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORGC | 1 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORVC | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOSVC | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKHF | 2 | 1.500 | 0.090 | 0.830 | 0.660 | 0.380 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOBGC | 3 | 0.830 | 0.020 | 0.750 | 0.500 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HODHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCGC | 3 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOMVC | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPGC | 3 | 0.150 | 0.000 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPVC | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQGC | 3 | 0.250 | 0.000 | 0.330 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQVC | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORGC | 3 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORVC | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOSVC | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOBGC | 4 | 0.830 | 0.020 | 0.750 | 0.500 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HODHC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCGC | 4 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCHC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKGC | 4 | 1.060 | 0.040 | 0.810 | 0.610 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKHC | 4 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKVC | 4 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOMVC | 4 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HOPGC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPHC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPVC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQGC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQVC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORGC | 4 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORVC | 4 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOSVC | 4 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOBGS | 5 | 3.010 | 0.370 | 0.930 | 0.860 | 0.650 | 0.410 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HODHS | 5 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCGS | 5 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCHS | 5 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKGS | 5 | 8.350 | 2.400 | 0.970 | 0.950 | 0.870 | 0.740 | 0.490 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKHS | 5 | 0.430 | 0.000 | 0.470 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKVS | 5 | 0.150 | 0.000 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOMVS | 5 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPGS | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPHS | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPVS | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQGS | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQVS | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORGS | 5 | 0.590 | 0.010 | 0.650 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORVS | 5 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOSVS | 5 | 0.140 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOBGF | 6 | 2.670 | 0.290 | 0.930 | 0.860 | 0.640 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HODHF | 6 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCGF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCHF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKGF | 6 | 7.780 | 2.110 | 0.970 | 0.950 | 0.870 | 0.750 | 0.500 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKHF | 6 | 1.500 | 0.090 | 0.830 | 0.660 | 0.380 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKVF | 6 | 6.060 | 1.340 | 0.970 | 0.940 | 0.840 | 0.680 | 0.430 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOMVF | 6 | 0.350 | 0.000 | 0.450 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPGF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPHF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPVF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQGF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQVF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORGF | 6 | 0.480 | 0.000 | 0.580 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HORVF | 6 | 0.340 | 0.000 | 0.440 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOSVF | 6 | 5.510 | 1.130 | 0.960 | 0.930 | 0.820 | 0.650 | 0.390 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOBGS | 7 | 3.010 | 0.370 | 0.930 | 0.860 | 0.650 | 0.410 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HODHS | 7 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCGS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCHS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKGS | 7 | 8.350 | 2.400 | 0.970 | 0.950 | 0.870 | 0.740 | 0.490 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKHS | 7 | 0.430 | 0.000 | 0.470 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKVS | 7 | 0.150 | 0.000 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOMVS | 7 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPGS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPHS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQGS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORGS | 7 | 0.590 | 0.010 | 0.650 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORVS | 7 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOSVS | 7 | 0.140 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HODHC | 11 | 0.300 | 0.000 | 0.390 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCGC | 11 | 1.010 | 0.040 | 0.820 | 0.640 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCHC | 11 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOMVC | 11 | 5.390 | 1.080 | 0.970 | 0.930 | 0.830 | 0.660 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPGC | 11 | 2.070 | 0.180 | 0.920 | 0.830 | 0.580 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPHC | 11 | 0.450 | 0.000 | 0.480 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPVC | 11 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQGC | 11 | 3.220 | 0.420 | 0.950 | 0.890 | 0.730 | 0.470 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQVC | 11 | 3.490 | 0.490 | 0.950 | 0.900 | 0.750 | 0.490 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORGC | 11 | 4.070 | 0.650 | 0.960 | 0.910 | 0.780 | 0.570 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORVC | 11 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HODHC | 12 | 0.300 | 0.000 | 0.390 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCGC | 12 | 1.010 | 0.040 | 0.820 | 0.64^ | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCHC | 12 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOMVC | 12 | 5.390 | 1.080 | 0.970 | 0.930 | 0.830 | 0.660 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPGC | 12 | 2.070 | 0.180 | 0.920 | 0.830 | 0.580 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPHC | 12 | 0.450 | 0.000 | 0.480 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPVC | 12 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQGC | 12 | 3.220 | 0.420 | 0.950 | 0.890 | 0.730 | 0.470 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQVC | 12 | 3.490 | 0.490 | 0.950 | 0.900 | 0.750 | 0.490 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HORGC 12 | 4.070 | 0.650 | 0.960 | 0.910 | 0.780 | 0.570 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORVC 12 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HODHC 22 | 0.310 | 0.000 | 0.400 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCGC 22 | 1.460 | 0.090 | 0.880 | 0.760 | 0.440 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCHC 22 | 0.210 | 0.000 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOMVC 22 | 5.390 | 1.080 | 0.970 | 0.930 | 0.830 | 0.660 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPGC 22 | 3.020 | 0.370 | 0.940 | 0.880 | 0.710 | 0.450 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPHC 22 | 0.470 | 0.000 | 0.480 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPVC 22 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQGC 22 | 4.600 | 0.810 | 0.960 | 0.920 | 0.810 | 0.620 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQVC 22 | 3.490 | 0.490 | 0.950 | 0.900 | 0.750 | 0.490 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORGC 22 | 6.040 | 1.330 | 0.970 | 0.940 | 0.850 | 0.700 | 0.450 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORVC 22 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HODHC 24 | 0.310 | 0.000 | 0.400 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCGC 24 | 1.460 | 0.090 | 0.880 | 0.760 | 0.440 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCHC 24 | 0.210 | 0.000 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOMVC 24 | 5.390 | 1.080 | 0.970 | 0.930 | 0.830 | 0.660 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPGC 24 | 3.020 | 0.370 | 0.940 | 0.880 | 0.710 | 0.450 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPHC 24 | 0.470 | 0.000 | 0.480 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPVC 24 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQGC 24 | 4.600 | 0.810 | 0.960 | 0.920 | 0.810 | 0.620 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQVC 24 | 3.490 | 0.490 | 0.950 | 0.900 | 0.750 | 0.490 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORGC 24 | 6.040 | 1.330 | 0.970 | 0.940 | 0.850 | 0.700 | 0.450 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORVC 24 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOBGF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HODHC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCGC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOCHC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKGF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKHF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOKVF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOMVC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPGC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPHC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOPVC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQGC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOQVC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HORGC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HORVC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HOSVF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

# ACTIVITY CODE: HR

# HANDLING DUE TO RAIL MODE

Report for file CNSHR

*CONSEQUENCE ESTIMATES*
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | LOG OF EVAPORATED QUANTITY(LB) VAPOR | WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRBGC | 1 | 0.000 | 0.000 | 0.629 | 0.000 | 0.000 | 0.629 | 0.629 | 60 | ON | 0.250 | 0.830 | 0.190 | 0.610 | 0.060 | 0.200 |
| HRDHC | 1 | 0.000 | 0.000 | -2.886 | 0.000 | 0.000 | -2.886 | -2.886 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGC | 1 | 0.000 | 0.000 | -0.963 | 0.000 | 0.000 | -0.963 | -0.963 | 60 | ON | 0.030 | 0.090 | 0.020 | 0.070 | 0.010 | 0.020 |
| HRCHC | 1 | 0.000 | 0.000 | -2.886 | 0.000 | 0.000 | -2.886 | -2.886 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKGC | 1 | 0.000 | 0.000 | 0.806 | 0.000 | 0.000 | 0.806 | 0.806 | 60 | ON | 0.310 | 1.060 | 0.230 | 0.780 | 0.080 | 0.260 |
| HRKHC | 1 | 0.000 | 0.000 | -1.602 | 0.000 | 0.000 | -1.602 | -1.602 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| HRKVC | 1 | 0.000 | 0.000 | -3.569 | 0.000 | 0.000 | -3.569 | -3.569 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| HRMVC | 1 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC | 1 | 0.000 | 0.000 | -0.351 | 0.000 | 0.000 | -0.351 | -0.351 | 60 | ON | 0.070 | 0.210 | 0.050 | 0.160 | 0.020 | 0.050 |
| HRRVC | 1 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRSVC | 1 | 0.000 | 0.000 | -3.569 | 0.000 | 0.000 | -3.569 | -3.569 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| HRKHF | 2 | 0.000 | 0.000 | 1.929 | 0.000 | 0.000 | 1.929 | 1.929 | 10 | ON | 0.410 | 1.500 | 0.330 | 1.160 | 0.100 | 0.290 |
| HRBGC | 3 | 0.000 | 0.000 | 0.629 | 0.000 | 0.000 | 0.629 | 0.629 | 60 | ON | 0.250 | 0.830 | 0.190 | 0.610 | 0.060 | 0.200 |
| HRDHC | 3 | 0.000 | 0.000 | -2.886 | 0.000 | 0.000 | -2.886 | -2.886 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGC | 3 | 0.000 | 0.000 | -0.963 | 0.000 | 0.000 | -0.963 | -0.963 | 60 | ON | 0.030 | 0.090 | 0.020 | 0.070 | 0.010 | 0.020 |
| HRCHC | 3 | 0.000 | 0.000 | -2.886 | 0.000 | 0.000 | -2.886 | -2.886 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVC | 3 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGC | 3 | 0.000 | 0.000 | -0.620 | 0.000 | 0.000 | -0.620 | -0.620 | 60 | ON | 0.050 | 0.150 | 0.040 | 0.110 | 0.010 | 0.030 |
| HRPHC | 3 | 0.000 | 0.000 | -2.678 | 0.000 | 0.000 | -2.678 | -2.678 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVC | 3 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGC | 3 | 0.000 | 0.000 | -0.252 | 0.000 | 0.000 | -0.252 | -0.252 | 60 | ON | 0.080 | 0.250 | 0.060 | 0.180 | 0.020 | 0.060 |
| HRQVC | 3 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC | 3 | 0.000 | 0.000 | -0.351 | 0.000 | 0.000 | -0.351 | -0.351 | 60 | ON | 0.070 | 0.210 | 0.050 | 0.160 | 0.020 | 0.050 |
| HRRVC | 3 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRSVC | 3 | 0.000 | 0.000 | -3.569 | 0.000 | 0.000 | -3.569 | -3.569 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| HRBGC | 4 | 0.000 | 0.000 | 0.629 | 0.000 | 0.000 | 0.629 | 0.629 | 60 | ON | 0.250 | 0.830 | 0.190 | 0.610 | 0.060 | 0.200 |
| HRDHC | 4 | 0.000 | 0.000 | -2.886 | 0.000 | 0.000 | -2.886 | -2.886 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGC | 4 | 0.000 | 0.000 | -0.963 | 0.000 | 0.000 | -0.963 | -0.963 | 60 | ON | 0.030 | 0.090 | 0.020 | 0.070 | 0.010 | 0.020 |
| HRCHC | 4 | 0.000 | 0.000 | -2.886 | 0.000 | 0.000 | -2.886 | -2.886 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKGC | 4 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKHC | 4 | 0.000 | 0.000 | -0.620 | 0.000 | 0.000 | -0.620 | -0.620 | 60 | ON | 0.020 | 0.040 | 0.010 | 0.030 | 0.000 | 0.010 |
| HRKVC | 4 | 0.000 | 0.000 | -2.678 | 0.000 | 0.000 | -2.678 | -2.678 | 60 | ON | 0.010 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HRMVC | 4 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRPHC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC | 4 | 0.000 | 0.000 | -0.351 | 0.000 | 0.000 | -0.351 | -0.351 | 60 | ON | 0.070 | 0.210 | 0.050 | 0.160 | 0.020 | 0.050 |
| HRRVC | 4 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRSVC | 4 | 0.000 | 0.000 | -3.569 | 0.000 | 0.000 | -3.569 | -3.569 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| HRBGS | 5 | 2.342 | 0.000 | 0.000 | 1.685 | 1.562 | 1.685 | 1.562 | 60 | ON | 0.910 | 3.010 | 0.690 | 2.220 | 0.250 | 0.720 |
| HRDHS | 5 | 0.778 | 0.000 | 0.000 | -1.150 | -1.173 | -1.150 | -1.173 | 60 | ON | 0.010 | 0.020 | 0.010 | 0.010 | 0.000 | 0.000 |
| HRCGS | 5 | 0.204 | 0.000 | 0.000 | -0.239 | -0.355 | -0.239 | -0.355 | 60 | ON | 0.080 | 0.210 | 0.060 | 0.160 | 0.020 | 0.050 |
| HRCHS | 5 | 0.505 | 0.000 | 0.000 | -1.395 | -1.418 | -1.395 | -1.418 | 60 | ON | 0.010 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| HRKGS | 5 | 3.176 | 0.000 | 0.000 | 2.436 | 2.312 | 2.436 | 2.312 | 60 | ON | 2.230 | 8.350 | 1.680 | 6.130 | 0.630 | 1.940 |
| HRKHS | 5 | 3.230 | 0.000 | 0.000 | 1.057 | 1.028 | 1.057 | 1.028 | 60 | ON | 0.140 | 0.430 | 0.110 | 0.340 | 0.030 | 0.080 |
| HRKVS | 5 | 3.204 | 0.000 | 0.000 | -1.176 | -1.042 | -1.176 | -1.042 | 60 | ON | 0.040 | 0.150 | 0.030 | 0.100 | 0.010 | 0.030 |
| HRMVS | 5 | 1.021 | 0.000 | 0.000 | -3.141 | -3.002 | -3.141 | -3.002 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HRPGS | 5 | 0.813 | 0.000 | 0.000 | 0.309 | 0.190 | 0.309 | 0.190 | 60 | ON | 0.170 | 0.450 | 0.130 | 0.330 | 0.040 | 0.110 |
| HRPHS | 5 | 1.079 | 0.000 | 0.000 | -0.879 | -0.903 | -0.879 | -0.903 | 60 | ON | 0.010 | 0.030 | 0.010 | 0.020 | 0.000 | 0.010 |
| HRPVS | 5 | 0.778 | 0.000 | 0.000 | -3.360 | -3.220 | -3.360 | -3.220 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HRQGS | 5 | 1.161 | 0.000 | 0.000 | 0.622 | 0.502 | 0.622 | 0.502 | 60 | ON | 0.250 | 0.700 | 0.190 | 0.510 | 0.060 | 0.170 |
| HRQVS | 5 | 1.161 | 0.000 | 0.000 | -3.015 | -2.877 | -3.015 | -2.877 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HRRGS | 5 | 1.029 | 0.000 | 0.000 | 0.503 | 0.384 | 0.503 | 0.384 | 60 | ON | 0.210 | 0.590 | 0.160 | 0.440 | 0.060 | 0.140 |
| HRRVS | 5 | 1.000 | 0.000 | 0.000 | -3.160 | -3.021 | -3.160 | -3.021 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HRSVS | 5 | 3.132 | 0.000 | 0.000 | -1.241 | -1.107 | -1.241 | -1.107 | 60 | ON | 0.040 | 0.140 | 0.030 | 0.100 | 0.010 | 0.030 |
| HRBGF | 6 | 0.000 | 0.000 | 1.342 | 0.000 | 0.000 | 1.342 | 1.342 | 10 | ON | 0.780 | 2.670 | 0.590 | 2.010 | 0.210 | 0.700 |
| HRDHF | 6 | 0.000 | 0.000 | -0.523 | 0.000 | 0.000 | -0.523 | -0.523 | 10 | ON | 0.020 | 0.050 | 0.010 | 0.040 | 0.000 | 0.010 |
| HRCGF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKGF | 6 | 0.000 | 0.000 | 2.176 | 0.000 | 0.000 | 2.176 | 2.176 | 10 | ON | 2.040 | 7.780 | 1.580 | 5.820 | 0.590 | 1.980 |
| HRKHF | 6 | 0.000 | 0.000 | 1.929 | 0.000 | 0.000 | 1.929 | 1.929 | 10 | ON | 0.410 | 1.500 | 0.330 | 1.160 | 0.100 | 0.290 |
| HRKVF | 6 | 0.000 | 0.000 | 1.602 | 0.000 | 0.000 | 1.602 | 1.602 | 10 | ON | 1.640 | 6.060 | 1.250 | 4.480 | 0.460 | 1.560 |
| HRMVF | 6 | 0.000 | 0.000 | -0.581 | 0.000 | 0.000 | -0.581 | -0.581 | 10 | ON | 0.120 | 0.350 | 0.090 | 0.260 | 0.030 | 0.080 |
| HRPGF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGF | 6 | 0.000 | 0.000 | 0.029 | 0.000 | 0.000 | 0.029 | 0.029 | 10 | ON | 0.160 | 0.480 | 0.120 | 0.360 | 0.040 | 0.120 |
| HRRVF | 6 | 0.000 | 0.000 | -0.602 | 0.000 | 0.000 | -0.602 | -0.602 | 10 | ON | 0.110 | 0.340 | 0.080 | 0.250 | 0.030 | 0.080 |
| HRSVF | 6 | 0.000 | 0.000 | 1.530 | 0.000 | 0.000 | 1.530 | 1.530 | 10 | ON | 1.510 | 5.510 | 1.150 | 4.080 | 0.430 | 1.430 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRBGS | 7 | 2.342 | 0.000 | 0.000 | 1.685 | 1.562 | 1.685 | 1.562 | 60 | ON | 0.910 | 3.010 | 0.690 | 2.220 | 0.250 | 0.720 |
| HRDHS | 7 | 0.778 | 0.000 | 0.000 | -1.150 | -1.173 | -1.150 | -1.173 | 60 | ON | 0.010 | 0.020 | 0.010 | 0.010 | 0.000 | 0.000 |
| HRCGS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKGS | 7 | 3.176 | 0.000 | 0.000 | 2.436 | 2.312 | 2.436 | 2.312 | 60 | ON | 2.230 | 8.350 | 1.680 | 6.130 | 0.630 | 1.940 |
| HRKHS | 7 | 3.230 | 0.000 | 0.000 | 1.057 | 1.028 | 1.057 | 1.028 | 60 | ON | 0.140 | 0.430 | 0.110 | 0.340 | 0.030 | 0.080 |
| HRKVS | 7 | 3.204 | 0.000 | 0.000 | -1.176 | -1.042 | -1.176 | -1.042 | 60 | ON | 0.040 | 0.150 | 0.030 | 0.100 | 0.010 | 0.030 |
| HRMVS | 7 | 1.021 | 0.000 | 0.000 | -3.141 | -3.002 | -3.141 | -3.002 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HRPGS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGS | 7 | 1.029 | 0.000 | 0.000 | 0.503 | 0.384 | 0.503 | 0.384 | 60 | ON | 0.210 | 0.590 | 0.160 | 0.440 | 0.060 | 0.140 |
| HRRVS | 7 | 1.000 | 0.000 | 0.000 | -3.160 | -3.021 | -3.160 | -3.021 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HRSVS | 7 | 3.132 | 0.000 | 0.000 | -1.241 | -1.107 | -1.241 | -1.107 | 60 | ON | 0.040 | 0.140 | 0.030 | 0.100 | 0.010 | 0.030 |
| HRBGS | 8 | 2.342 | 0.000 | 0.000 | 1.685 | 1.562 | 1.685 | 1.562 | 60 | ON | 0.910 | 3.010 | 0.690 | 2.220 | 0.250 | 0.720 |
| HRDHS | 8 | 0.778 | 0.000 | 0.000 | -1.150 | -1.173 | -1.150 | -1.173 | 60 | ON | 0.010 | 0.020 | 0.010 | 0.010 | 0.000 | 0.000 |
| HRCGS | 8 | 0.204 | 0.000 | 0.000 | -0.239 | -0.355 | -0.239 | -0.355 | 60 | ON | 0.080 | 0.210 | 0.060 | 0.160 | 0.020 | 0.050 |
| HRCHS | 8 | 0.505 | 0.000 | 0.000 | -1.395 | -1.418 | -1.395 | -1.418 | 60 | ON | 0.010 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| HRKGS | 8 | 3.176 | 0.000 | 0.000 | 2.436 | 2.312 | 2.436 | 2.312 | 60 | ON | 2.230 | 8.350 | 1.680 | 6.130 | 0.630 | 1.940 |
| HRKHS | 8 | 3.230 | 0.000 | 0.000 | 1.057 | 1.028 | 1.057 | 1.028 | 60 | ON | 0.140 | 0.430 | 0.110 | 0.340 | 0.030 | 0.080 |
| HRKVS | 8 | 3.204 | 0.000 | 0.000 | -1.176 | -1.042 | -1.176 | -1.042 | 60 | ON | 0.040 | 0.150 | 0.030 | 0.100 | 0.010 | 0.030 |
| HRMVS | 8 | 1.021 | 0.000 | 0.000 | -3.141 | -3.002 | -3.141 | -3.002 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HRPGS | 8 | 0.813 | 0.000 | 0.000 | 0.309 | 0.190 | 0.309 | 0.190 | 60 | ON | 0.170 | 0.450 | 0.130 | 0.330 | 0.040 | 0.110 |
| HRPHS | 8 | 1.068 | 0.000 | 0.000 | -0.889 | -0.913 | -0.889 | -0.913 | 60 | ON | 0.010 | 0.030 | 0.010 | 0.020 | 0.000 | 0.010 |
| HRPVS | 8 | 0.778 | 0.000 | 0.000 | -3.360 | -3.220 | -3.360 | -3.220 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HRQGS | 8 | 1.161 | 0.000 | 0.000 | 0.622 | 0.502 | 0.622 | 0.502 | 60 | ON | 0.250 | 0.700 | 0.190 | 0.510 | 0.060 | 0.170 |
| HRQVS | 8 | 1.161 | 0.000 | 0.000 | -3.015 | -2.877 | -3.015 | -2.877 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HRRGS | 8 | 1.029 | 0.000 | 0.000 | 0.503 | 0.384 | 0.503 | 0.384 | 60 | ON | 0.210 | 0.590 | 0.160 | 0.440 | 0.060 | 0.140 |
| HRRVS | 8 | 1.000 | 0.000 | 0.000 | -3.160 | -3.021 | -3.160 | -3.021 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HRSVS | 8 | 3.132 | 0.000 | 0.000 | -1.241 | -1.107 | -1.241 | -1.107 | 60 | ON | 0.040 | 0.140 | 0.030 | 0.100 | 0.010 | 0.030 |
| HRBGF | 9 | 0.000 | 0.000 | 1.342 | 0.000 | 0.000 | 1.342 | 1.342 | 10 | ON | 0.780 | 2.670 | 0.590 | 2.010 | 0.210 | 0.700 |
| HRDHF | 9 | 0.000 | 0.000 | -0.523 | 0.000 | 0.000 | -0.523 | -0.523 | 10 | ON | 0.020 | 0.050 | 0.010 | 0.040 | 0.000 | 0.010 |
| HRCGF | 9 | 0.000 | 0.000 | -0.796 | 0.000 | 0.000 | -0.796 | -0.796 | 10 | ON | 0.050 | 0.160 | 0.040 | 0.120 | 0.010 | 0.030 |
| HRCHF | 9 | 0.000 | 0.000 | -0.796 | 0.000 | 0.000 | -0.796 | -0.796 | 10 | ON | 0.010 | 0.030 | 0.010 | 0.030 | 0.000 | 0.010 |
| HRKGF | 9 | 0.000 | 0.000 | 2.176 | 0.000 | 0.000 | 2.176 | 2.176 | 10 | ON | 2.040 | 7.780 | 1.580 | 5.820 | 0.590 | 1.980 |
| HRKHF | 9 | 0.000 | 0.000 | 1.929 | 0.000 | 0.000 | 1.929 | 1.929 | 10 | ON | 0.410 | 1.500 | 0.330 | 1.160 | 0.100 | 0.290 |
| HRKVF | 9 | 0.000 | 0.000 | 1.602 | 0.000 | 0.000 | 1.602 | 1.602 | 10 | ON | 1.640 | 6.060 | 1.250 | 4.480 | 0.460 | 1.560 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRMVF | 9 | 0.000 | 0.000 | -0.581 | 0.000 | 0.000 | -0.581 | -0.581 | 10 | ON | 0.120 | 0.350 | 0.090 | 0.260 | 0.030 | 0.080 |
| HRPGF | 9 | 0.000 | 0.000 | -0.187 | 0.000 | 0.000 | -0.187 | -0.187 | 10 | ON | 0.120 | 0.360 | 0.090 | 0.270 | 0.030 | 0.090 |
| HRPHF | 9 | 0.000 | 0.000 | -0.233 | 0.000 | 0.000 | -0.233 | -0.233 | 10 | ON | 0.030 | 0.070 | 0.020 | 0.060 | 0.010 | 0.010 |
| HRPVF | 9 | 0.000 | 0.000 | -0.824 | 0.000 | 0.000 | -0.824 | -0.824 | 10 | ON | 0.080 | 0.260 | 0.060 | 0.190 | 0.020 | 0.060 |
| HRQGF | 9 | 0.000 | 0.000 | 0.161 | 0.000 | 0.000 | 0.161 | 0.161 | 10 | ON | 0.180 | 0.570 | 0.140 | 0.430 | 0.050 | 0.140 |
| HRQVF | 9 | 0.000 | 0.000 | -0.441 | 0.000 | 0.000 | -0.441 | -0.441 | 10 | ON | 0.140 | 0.420 | 0.100 | 0.310 | 0.040 | 0.100 |
| HRRGF | 9 | 0.000 | 0.000 | 0.029 | 0.000 | 0.000 | 0.029 | 0.029 | 10 | ON | 0.160 | 0.480 | 0.120 | 0.360 | 0.040 | 0.120 |
| HRRVF | 9 | 0.000 | 0.000 | -0.602 | 0.000 | 0.000 | -0.602 | -0.602 | 10 | ON | 0.110 | 0.340 | 0.080 | 0.250 | 0.030 | 0.080 |
| HRSVF | 9 | 0.000 | 0.000 | 1.530 | 0.000 | 0.000 | 1.530 | 1.530 | 10 | ON | 1.510 | 5.510 | 1.150 | 4.080 | 0.430 | 1.430 |
| HRBGS | 10 | 2.342 | 0.000 | 0.000 | 1.685 | 1.562 | 1.685 | 1.562 | 60 | ON | 0.910 | 3.010 | 0.690 | 2.220 | 0.250 | 0.720 |
| HRDHS | 10 | 0.778 | 0.000 | 0.000 | -1.150 | -1.173 | -1.150 | -1.173 | 60 | ON | 0.010 | 0.020 | 0.010 | 0.010 | 0.000 | 0.000 |
| HRCGS | 10 | 0.204 | 0.000 | 0.000 | -0.239 | -0.355 | -0.239 | -0.355 | 60 | ON | 0.080 | 0.210 | 0.060 | 0.160 | 0.020 | 0.050 |
| HRCHS | 10 | 0.505 | 0.000 | 0.000 | -1.395 | -1.418 | -1.395 | -1.418 | 60 | ON | 0.010 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| HRKGS | 10 | 3.176 | 0.000 | 0.000 | 2.436 | 2.312 | 2.436 | 2.312 | 60 | ON | 2.230 | 8.350 | 1.680 | 6.130 | 0.630 | 1.940 |
| HRKHS | 10 | 3.230 | 0.000 | 0.000 | 1.057 | 1.028 | 1.057 | 1.028 | 60 | ON | 0.140 | 0.430 | 0.110 | 0.340 | 0.030 | 0.080 |
| HRKVS | 10 | 3.204 | 0.000 | 0.000 | -1.176 | -1.042 | -1.176 | -1.042 | 60 | ON | 0.040 | 0.150 | 0.030 | 0.100 | 0.010 | 0.030 |
| HRMVS | 10 | 1.021 | 0.000 | 0.000 | -3.141 | -3.002 | -3.141 | -3.002 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HRPGS | 10 | 0.813 | 0.000 | 0.000 | 0.309 | 0.190 | 0.309 | 0.190 | 60 | ON | 0.170 | 0.450 | 0.130 | 0.330 | 0.040 | 0.110 |
| HRPHS | 10 | 1.068 | 0.000 | 0.000 | -0.889 | -0.913 | -0.889 | -0.913 | 60 | ON | 0.010 | 0.030 | 0.010 | 0.020 | 0.000 | 0.010 |
| HRPVS | 10 | 0.778 | 0.000 | 0.000 | -3.360 | -3.220 | -3.360 | -3.220 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HRQGS | 10 | 1.161 | 0.000 | 0.000 | 0.622 | 0.502 | 0.622 | 0.502 | 60 | ON | 0.250 | 0.700 | 0.190 | 0.510 | 0.060 | 0.170 |
| HRQVS | 10 | 1.161 | 0.000 | 0.000 | -3.015 | -2.877 | -3.015 | -2.877 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HRRGS | 10 | 1.029 | 0.000 | 0.000 | 0.503 | 0.384 | 0.503 | 0.384 | 60 | ON | 0.210 | 0.590 | 0.160 | 0.440 | 0.060 | 0.140 |
| HRRVS | 10 | 1.000 | 0.000 | 0.000 | -3.160 | -3.021 | -3.160 | -3.021 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HRSVS | 10 | 3.132 | 0.000 | 0.000 | -1.241 | -1.107 | -1.241 | -1.107 | 60 | ON | 0.040 | 0.140 | 0.030 | 0.100 | 0.010 | 0.030 |
| HRDHC | 11 | 0.000 | 0.778 | -2.886 | 0.000 | 0.000 | 0.778 | 0.778 | 60 | ON | 0.100 | 0.300 | 0.080 | 0.240 | 0.020 | 0.060 |
| HRCGC | 11 | 0.000 | 0.204 | -0.796 | 0.000 | 0.000 | 0.245 | 0.245 | 60 | ON | 0.330 | 1.010 | 0.260 | 0.780 | 0.090 | 0.280 |
| HRCHC | 11 | 0.000 | 0.505 | -3.097 | 0.000 | 0.000 | 0.505 | 0.505 | 60 | ON | 0.070 | 0.210 | 0.050 | 0.170 | 0.020 | 0.040 |
| HRMVC | 11 | 0.000 | 1.498 | -4.398 | 0.000 | 0.000 | 1.498 | 1.498 | 60 | ON | 1.640 | 5.390 | 1.250 | 4.060 | 0.470 | 1.480 |
| HRPGC | 11 | 0.000 | 0.813 | -0.959 | 0.000 | 0.000 | 0.820 | 0.820 | 60 | ON | 0.660 | 2.070 | 0.520 | 1.600 | 0.190 | 0.590 |
| HRPHC | 11 | 0.000 | 1.068 | -3.155 | 0.000 | 0.000 | 1.068 | 1.068 | 60 | ON | 0.140 | 0.450 | 0.110 | 0.360 | 0.030 | 0.090 |
| HRPVC | 11 | 0.000 | 0.778 | -5.000 | 0.000 | 0.000 | 0.778 | 0.778 | 60 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| HRQGC | 11 | 0.000 | 1.161 | -0.770 | 0.000 | 0.000 | 1.166 | 1.166 | 60 | ON | 1.000 | 3.220 | 0.780 | 2.470 | 0.290 | 0.920 |
| HRQVC | 11 | 0.000 | 1.161 | -5.000 | 0.000 | 0.000 | 1.161 | 1.161 | 60 | ON | 1.120 | 3.490 | 0.850 | 2.640 | 0.310 | 0.980 |
| HRRGC | 11 | 0.000 | 1.330 | 0.017 | 0.000 | 0.000 | 1.351 | 1.351 | 60 | ON | 1.240 | 4.070 | 0.970 | 3.120 | 0.360 | 1.160 |
| HRRVC | 11 | 0.000 | 1.301 | -5.000 | 0.000 | 0.000 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| HRDHC | 12 | 0.000 | 0.778 | -2.886 | 0.000 | 0.000 | 0.778 | 0.778 | 60 | ON | 0.100 | 0.300 | 0.080 | 0.240 | 0.020 | 0.060 |
| HRCGC | 12 | 0.000 | 0.204 | -0.796 | 0.000 | 0.000 | 0.245 | 0.245 | 60 | ON | 0.330 | 1.010 | 0.260 | 0.780 | 0.090 | 0.280 |
| HRCHC | 12 | 0.000 | 0.505 | -3.097 | 0.000 | 0.000 | 0.505 | 0.505 | 60 | ON | 0.070 | 0.210 | 0.050 | 0.170 | 0.020 | 0.040 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRMVC | 12 | 0.000 | 1.498 | -4.398 | 0.000 | 0.000 | 1.498 | 1.49[illegible] | 60 | ON | 1.640 | 5.390 | 1.250 | 4.060 | 0.470 | 1.480 |
| HRPGC | 12 | 0.000 | 0.813 | -0.959 | 0.000 | 0.000 | 0.820 | 0.820 | 60 | ON | 0.660 | 2.070 | 0.520 | 1.600 | 0.190 | 0.590 |
| HRPHC | 12 | 0.000 | 1.068 | -3.155 | 0.000 | 0.000 | 1.068 | 1.068 | 60 | ON | 0.140 | 0.450 | 0.110 | 0.360 | 0.030 | 0.090 |
| HRPVC | 12 | 0.000 | 0.778 | -5.000 | 0.000 | 0.000 | 0.778 | 0.778 | 60 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| HRQGC | 12 | 0.000 | 1.161 | -0.770 | 0.000 | 0.000 | 1.166 | 1.166 | 60 | ON | 1.000 | 3.220 | 0.780 | 2.470 | 0.290 | 0.920 |
| HRQVC | 12 | 0.000 | 1.161 | -5.000 | 0.000 | 0.000 | 1.161 | 1.161 | 60 | ON | 1.120 | 3.490 | 0.850 | 2.640 | 0.310 | 0.980 |
| HRRGC | 12 | 0.000 | 1.330 | 0.017 | 0.000 | 0.000 | 1.351 | 1.351 | 60 | ON | 1.240 | 4.070 | 0.970 | 3.120 | 0.360 | 1.160 |
| HRRVC | 12 | 0.000 | 1.301 | -5.000 | 0.000 | 0.000 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| HRBGC | 17 | 0.000 | 0.000 | -0.108 | 0.000 | 0.000 | -0.108 | -0.108 | 60 | ON | 0.100 | 0.300 | 0.070 | 0.220 | 0.030 | 0.070 |
| HRRGC | 17 | 0.000 | 0.000 | -0.841 | 0.000 | 0.000 | -0.841 | -0.841 | 60 | ON | 0.040 | 0.110 | 0.030 | 0.080 | 0.010 | 0.020 |
| HRRVC | 17 | 0.000 | 0.000 | -5.328 | 0.000 | 0.000 | -5.328 | -5.328 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGC | 18 | 0.000 | 0.000 | -0.108 | 0.000 | 0.000 | -0.108 | -0.108 | 60 | ON | 0.100 | 0.300 | 0.070 | 0.220 | 0.030 | 0.070 |
| HRRGC | 18 | 0.000 | 0.000 | -0.841 | 0.000 | 0.000 | -0.841 | -0.841 | 60 | ON | 0.040 | 0.110 | 0.030 | 0.080 | 0.010 | 0.020 |
| HRRVC | 18 | 0.000 | 0.000 | -5.328 | 0.000 | 0.000 | -5.328 | -5.328 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGC | 19 | 0.000 | 0.000 | -0.108 | 0.000 | 0.000 | -0.108 | -0.108 | 60 | ON | 0.100 | 0.300 | 0.070 | 0.220 | 0.030 | 0.070 |
| HRRGC | 19 | 0.000 | 0.000 | -0.841 | 0.000 | 0.000 | -0.841 | -0.841 | 60 | ON | 0.040 | 0.110 | 0.030 | 0.080 | 0.010 | 0.020 |
| HRRVC | 19 | 0.000 | 0.000 | -5.328 | 0.000 | 0.000 | -5.328 | -5.328 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGC | 21 | 0.000 | 0.000 | -0.108 | 0.000 | 0.000 | -0.108 | -0.108 | 60 | ON | 0.100 | 0.300 | 0.070 | 0.220 | 0.030 | 0.070 |
| HRRGC | 21 | 0.000 | 0.000 | -0.841 | 0.000 | 0.000 | -0.841 | -0.841 | 60 | ON | 0.040 | 0.110 | 0.030 | 0.080 | 0.010 | 0.020 |
| HRRVC | 21 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHC | 22 | 1.477 | 0.778 | 0.000 | -0.521 | -0.546 | 0.799 | 0.798 | 60 | ON | 0.100 | 0.310 | 0.080 | 0.250 | 0.020 | 0.060 |
| HRCGC | 22 | 0.903 | 0.204 | 0.000 | 0.390 | 0.271 | 0.608 | 0.540 | 60 | ON | 0.510 | 1.460 | 0.410 | 1.120 | 0.150 | 0.410 |
| HRCHC | 22 | 1.204 | 0.505 | 0.000 | -0.766 | -0.791 | 0.528 | 0.526 | 60 | ON | 0.070 | 0.210 | 0.060 | 0.170 | 0.020 | 0.040 |
| HRMVC | 22 | 2.540 | 1.498 | 0.000 | -1.774 | -1.639 | 1.498 | 1.498 | 60 | ON | 1.640 | 5.390 | 1.250 | 4.060 | 0.470 | 1.490 |
| HRPGC | 22 | 1.512 | 0.813 | 0.000 | 0.938 | 0.817 | 1.181 | 1.116 | 60 | ON | 1.020 | 3.020 | 0.800 | 2.320 | 0.300 | 0.860 |
| HRPHC | 22 | 1.767 | 1.068 | 0.000 | -0.260 | -0.286 | 1.088 | 1.087 | 60 | ON | 0.140 | 0.470 | 0.110 | 0.370 | 0.030 | 0.090 |
| HRPVC | 22 | 1.477 | 0.778 | 0.000 | -2.731 | -2.593 | 0.778 | 0.778 | 60 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| HRQGC | 22 | 1.860 | 1.161 | 0.000 | 1.251 | 1.129 | 1.509 | 1.446 | 60 | ON | 1.490 | 4.600 | 1.160 | 3.510 | 0.440 | 1.300 |
| HRQVC | 22 | 1.860 | 1.161 | 0.000 | -2.386 | -2.250 | 1.161 | 1.161 | 60 | ON | 1.120 | 3.490 | 0.850 | 2.650 | 0.310 | 0.980 |
| HRRGC | 22 | 2.143 | 1.330 | 0.000 | 1.506 | 1.383 | 1.728 | 1.659 | 60 | ON | 1.910 | 6.040 | 1.490 | 4.590 | 0.570 | 1.680 |
| HRRVC | 22 | 2.114 | 1.301 | 0.000 | -2.157 | -2.022 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| HRDHC | 23 | 1.477 | 0.778 | 0.000 | -0.521 | -0.546 | 0.799 | 0.798 | 60 | ON | 0.100 | 0.310 | 0.080 | 0.250 | 0.020 | 0.060 |
| HRCGC | 23 | 0.903 | 0.204 | 0.000 | 0.390 | 0.271 | 0.608 | 0.540 | 60 | ON | 0.510 | 1.460 | 0.410 | 1.120 | 0.150 | 0.410 |
| HRCHC | 23 | 1.204 | 0.505 | 0.000 | -0.766 | -0.791 | 0.528 | 0.526 | 60 | ON | 0.070 | 0.210 | 0.060 | 0.170 | 0.020 | 0.040 |
| HRMVC | 23 | 2.540 | 1.498 | 0.000 | -1.774 | -1.639 | 1.498 | 1.498 | 60 | ON | 1.640 | 5.390 | 1.250 | 4.060 | 0.470 | 1.490 |
| HRPGC | 23 | 1.512 | 0.813 | 0.000 | 0.938 | 0.817 | 1.181 | 1.116 | 60 | ON | 1.020 | 3.020 | 0.800 | 2.320 | 0.300 | 0.860 |
| HRPHC | 23 | 1.767 | 1.068 | 0.000 | -0.260 | -0.286 | 1.088 | 1.087 | 60 | ON | 0.140 | 0.470 | 0.110 | 0.370 | 0.030 | 0.090 |
| HRPVC | 23 | 1.477 | 0.778 | 0.000 | -2.731 | -2.593 | 0.778 | 0.778 | 60 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| HRQGC | 23 | 1.860 | 1.161 | 0.000 | 1.251 | 1.129 | 1.509 | 1.446 | 60 | ON | 1.490 | 4.600 | 1.160 | 3.510 | 0.440 | 1.300 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRQVC 23 | 1.860 | 1.161 | 0.000 | -2.386 | -2.250 | 1.161 | 1.161 | 60 | ON | 1.120 | 3.490 | 0.850 | 2.650 | 0.310 | 0.980 |
| HRRGC 23 | 2.143 | 1.330 | 0.000 | 1.506 | 1.383 | 1.728 | 1.659 | 60 | ON | 1.910 | 6.040 | 1.490 | 4.590 | 0.570 | 1.680 |
| HRRVC 23 | 2.114 | 1.301 | 0.000 | -2.157 | -2.022 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| HRDHC 24 | 1.477 | 0.778 | 0.000 | -0.521 | -0.546 | 0.799 | 0.798 | 60 | ON | 0.100 | 0.310 | 0.080 | 0.250 | 0.020 | 0.060 |
| HRCGC 24 | 0.903 | 0.204 | 0.000 | 0.390 | 0.271 | 0.608 | 0.540 | 60 | ON | 0.510 | 1.460 | 0.410 | 1.120 | 0.150 | 0.410 |
| HRCHC 24 | 1.204 | 0.505 | 0.000 | -0.766 | -0.791 | 0.528 | 0.526 | 60 | ON | 0.070 | 0.210 | 0.060 | 0.170 | 0.020 | 0.040 |
| HRMVC 24 | 2.540 | 1.498 | 0.000 | -1.774 | -1.639 | 1.498 | 1.498 | 60 | ON | 1.640 | 5.390 | 1.250 | 4.060 | 0.470 | 1.490 |
| HRPGC 24 | 1.512 | 0.813 | 0.000 | 0.938 | 0.817 | 1.181 | 1.116 | 60 | ON | 1.020 | 3.020 | 0.800 | 2.320 | 0.300 | 0.860 |
| HRPHC 24 | 1.767 | 1.068 | 0.000 | -0.260 | -0.286 | 1.088 | 1.087 | 60 | ON | 0.140 | 0.470 | 0.110 | 0.370 | 0.030 | 0.090 |
| HRPVC 24 | 1.477 | 0.778 | 0.000 | -2.731 | -2.593 | 0.778 | 0.778 | 60 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| HRQGC 24 | 1.860 | 1.161 | 0.000 | 1.251 | 1.129 | 1.509 | 1.446 | 60 | ON | 1.490 | 4.600 | 1.160 | 3.510 | 0.440 | 1.300 |
| HRQVC 24 | 1.860 | 1.161 | 0.000 | -2.386 | -2.250 | 1.161 | 1.161 | 60 | ON | 1.120 | 3.490 | 0.850 | 2.650 | 0.310 | 0.980 |
| HRRGC 24 | 2.143 | 1.330 | 0.000 | 1.506 | 1.383 | 1.728 | 1.659 | 60 | ON | 1.910 | 6.040 | 1.490 | 4.590 | 0.570 | 1.680 |
| HRRVC 24 | 2.114 | 1.301 | 0.000 | -2.157 | -2.022 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| HRDHC 25 | 1.477 | 0.778 | 0.000 | -0.521 | -0.546 | 0.799 | 0.798 | 60 | ON | 0.100 | 0.310 | 0.080 | 0.250 | 0.020 | 0.060 |
| HRCGC 25 | 0.903 | 0.204 | 0.000 | 0.390 | 0.271 | 0.608 | 0.540 | 60 | ON | 0.510 | 1.460 | 0.410 | 1.120 | 0.150 | 0.410 |
| HRCHC 25 | 1.204 | 0.505 | 0.000 | -0.766 | -0.791 | 0.528 | 0.526 | 60 | ON | 0.070 | 0.210 | 0.060 | 0.170 | 0.020 | 0.040 |
| HRMVC 25 | 2.540 | 1.498 | 0.000 | -1.774 | -1.639 | 1.498 | 1.498 | 60 | ON | 1.640 | 5.390 | 1.250 | 4.060 | 0.470 | 1.490 |
| HRPGC 25 | 1.512 | 0.813 | 0.000 | 0.938 | 0.817 | 1.181 | 1.116 | 60 | ON | 1.020 | 3.020 | 0.800 | 2.320 | 0.300 | 0.860 |
| HRPHC 25 | 1.767 | 1.068 | 0.000 | -0.260 | -0.286 | 1.088 | 1.087 | 60 | ON | 0.140 | 0.470 | 0.110 | 0.370 | 0.030 | 0.090 |
| HRPVC 25 | 1.477 | 0.778 | 0.000 | -2.731 | -2.593 | 0.778 | 0.778 | 60 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| HRQGC 25 | 1.860 | 1.161 | 0.000 | 1.251 | 1.129 | 1.509 | 1.446 | 60 | ON | 1.490 | 4.600 | 1.160 | 3.510 | 0.440 | 1.300 |
| HRQVC 25 | 1.860 | 1.161 | 0.000 | -2.386 | -2.250 | 1.161 | 1.161 | 60 | ON | 1.120 | 3.490 | 0.850 | 2.650 | 0.310 | 0.980 |
| HRRGC 25 | 2.143 | 1.330 | 0.000 | 1.506 | 1.383 | 1.728 | 1.659 | 60 | ON | 1.910 | 6.040 | 1.490 | 4.590 | 0.570 | 1.680 |
| HRRVC 25 | 2.114 | 1.301 | 0.000 | -2.157 | -2.022 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| HRBGF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKGF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKHF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKVF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRRVC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRSVF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGF 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKGF 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKHF 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKVF 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRSVF 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC 29 | 0.000 | 1.330 | -1.149 | 0.000 | 0.000 | 1.331 | 1.331 | 60 | ON | 1.210 | 3.980 | 0.950 | 3.040 | 0.360 | 1.130 |
| HRRVC 29 | 0.000 | 1.301 | -3.000 | 0.000 | 0.000 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| HRRGC 30 | 0.000 | 1.029 | 0.000 | 0.000 | 0.000 | 1.029 | 1.029 | 0 | ON | 0.850 | 2.700 | 0.670 | 2.080 | 0.250 | 0.770 |
| HRRVC 30 | 0.000 | 1.000 | 0.000 | 0.000 | 0.000 | 1.000 | 1.000 | 0 | ON | 0.940 | 2.840 | 0.710 | 2.150 | 0.260 | 0.800 |
| HRRGC 31 | 2.143 | 1.330 | 0.000 | 1.506 | 1.383 | 1.728 | 1.659 | 60 | ON | 1.910 | 6.040 | 1.490 | 4.590 | 0.570 | 1.680 |
| HRRVC 31 | 2.114 | 1.301 | 0.000 | -2.157 | -2.022 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| HRBGS 32 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGS 32 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVS 32 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRBGC | 1 | 0.25 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRDHC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCGC | 1 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCHC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKGC | 1 | 0.31 | 1.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| HRKHC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRMVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPGC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPHC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPVC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQGC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQVC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRGC | 1 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRSVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKHF | 2 | 0.41 | 1.50 | 0.00 | 0.07 | 0.00 | 2.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| HRBGC | 3 | 0.25 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRDHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCGC | 3 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRMVC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPGC | 3 | 0.05 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPVC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQGC | 3 | 0.08 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQVC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRGC | 3 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRVC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRSVC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRBGC | 4 | 0.25 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRDHC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCGC | 4 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCHC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKGC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKHC | 4 | 0.02 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKVC | 4 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRMVC | 4 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPGC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPHC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPVC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQGC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQVC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRGC | 4 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRVC | 4 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRSVC | 4 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRBGS | 5 | 0.91 | 3.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HRDHS | 5 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCGS | 5 | 0.08 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCHS | 5 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKGS | 5 | 2.23 | 8.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.00 | 0.00 |
| HRKHS | 5 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKVS | 5 | 0.04 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRMVS | 5 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPGS | 5 | 0.17 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPHS | 5 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPVS | 5 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQGS | 5 | 0.25 | 0.70 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQVS | 5 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRGS | 5 | 0.21 | 0.59 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRVS | 5 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRSVS | 5 | 0.04 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRBGF | 6 | 0.78 | 2.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HRDHF | 6 | 0.02 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCGF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCHF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKGF | 6 | 2.04 | 7.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.00 | 0.00 |
| HRKHF | 6 | 0.41 | 1.50 | 0.00 | 0.07 | 0.00 | 2.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| HRKVF | 6 | 1.64 | 6.06 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.86 | 9.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.00 | 0.00 |
| HRMVF | 6 | 0.12 | 0.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPGF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPHF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPVF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQGF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRQVF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRGF | 6 | 0.16 | 0.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRVF | 6 | 0.11 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRSVF | 6 | 1.51 | 5.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HRBGS | 7 | 0.91 | 3.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HRDHS | 7 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCGS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCHS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKGS | 7 | 2.23 | 8.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.00 | 0.00 |
| HRKHS | 7 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKVS | 7 | 0.04 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRMVS | 7 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPGS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPHS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPVS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQGS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQVS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRGS | 7 | 0.21 | 0.59 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRVS | 7 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRSVS | 7 | 0.04 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRBGS | 8 | 0.91 | 3.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HRDHS | 8 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCGS | 8 | 0.08 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCHS | 8 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKGS | 8 | 2.23 | 8.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.00 | 0.00 |
| HRKHS | 8 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKVS | 8 | 0.04 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRMVS | 8 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPGS | 8 | 0.17 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPHS | 8 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPVS | 8 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQGS | 8 | 0.25 | 0.70 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQVS | 8 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRGS | 8 | 0.21 | 0.59 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRVS | 8 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRSVS | 8 | 0.04 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRBGF | 9 | 0.78 | 2.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRDHF | 9 | 0.02 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCGF | 9 | 0.05 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCHF | 9 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKGF | 9 | 2.04 | 7.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.00 | 0.00 |
| HRKHF | 9 | 0.41 | 1.50 | 0.00 | 0.07 | 0.00 | 2.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| HRKVF | 9 | 1.64 | 6.06 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.86 | 9.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.00 | 0.00 |
| HRMVF | 9 | 0.12 | 0.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPGF | 9 | 0.12 | 0.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPHF | 9 | 0.03 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPVF | 9 | 0.08 | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQGF | 9 | 0.18 | 0.57 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQVF | 9 | 0.14 | 0.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRGF | 9 | 0.16 | 0.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRVF | 9 | 0.11 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRSVF | 9 | 1.51 | 5.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HRBGS | 10 | 0.91 | 3.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HRDHS | 10 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCGS | 10 | 0.08 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCHS | 10 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKGS | 10 | 2.23 | 8.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.00 | 0.00 |
| HRKHS | 10 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKVS | 10 | 0.04 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRMVS | 10 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPGS | 10 | 0.17 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPHS | 10 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPVS | 10 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQGS | 10 | 0.25 | 0.70 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQVS | 10 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRGS | 10 | 0.21 | 0.59 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRVS | 10 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRSVS | 10 | 0.04 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRDHC | 11 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCGC | 11 | 0.33 | 1.01 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| HRCHC | 11 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRMVC | 11 | 1.64 | 5.39 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HRPGC | 11 | 0.66 | 2.07 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HRPHC | 11 | 0.14 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRPVC 11 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HRQGC 11 | 1.00 | 3.22 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HRQVC 11 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HRRGC 11 | 1.24 | 4.07 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HRRVC 11 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HRDHC 12 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCGC 12 | 0.33 | 1.01 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| HRCHC 12 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRMVC 12 | 1.64 | 5.39 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HRPGC 12 | 0.66 | 2.07 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HRPHC 12 | 0.14 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPVC 12 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HRQGC 12 | 1.00 | 3.22 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HRQVC 12 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HRRGC 12 | 1.24 | 4.07 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HRRVC 12 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HRBGC 17 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRGC 17 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRVC 17 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRBGC 18 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRGC 18 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRVC 18 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRBGC 19 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRGC 19 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRVC 19 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRBGC 21 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRGC 21 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRVC 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRDHC 22 | 0.10 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCGC 22 | 0.51 | 1.46 | 0.03 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 |
| HRCHC 22 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRMVC 22 | 1.64 | 5.39 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HRPGC 22 | 1.02 | 3.02 | 0.15 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HRPHC 22 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPVC 22 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HRQGC 22 | 1.49 | 4.60 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HRQVC 22 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRRGC 22 | 1.91 | 6.04 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HRRVC 22 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HRDHC 23 | 0.10 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCGC 23 | 0.51 | 1.46 | 0.03 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 |
| HRCHC 23 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRMVC 23 | 1.64 | 5.39 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HRPGC 23 | 1.02 | 3.02 | 0.15 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HRPHC 23 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPVC 23 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HRQGC 23 | 1.49 | 4.60 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HRQVC 23 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HRRGC 23 | 1.91 | 6.04 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HRRVC 23 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HRDHC 24 | 0.10 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCGC 24 | 0.51 | 1.46 | 0.03 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 |
| HRCHC 24 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRMVC 24 | 1.64 | 5.39 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HRPGC 24 | 1.02 | 3.02 | 0.15 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HRPHC 24 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPVC 24 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HRQGC 24 | 1.49 | 4.60 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HRQVC 24 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HRRGC 24 | 1.91 | 6.04 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HRRVC 24 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HRDHC 25 | 0.10 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCGC 25 | 0.51 | 1.46 | 0.03 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 |
| HRCHC 25 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRMVC 25 | 1.64 | 5.39 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HRPGC 25 | 1.02 | 3.02 | 0.15 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HRPHC 25 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPVC 25 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HRQGC 25 | 1.49 | 4.60 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HRQVC 25 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HRRGC 25 | 1.91 | 6.04 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HRRVC 25 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HRBGF 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRDHC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRCGC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCHC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKGF 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKHF 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKVF 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRMVC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPGC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPHC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPVC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQGC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQVC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRGC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRVC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRSVF 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRBGF 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRDHC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCGC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCHC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKGF 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKHF 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKVF 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRMVC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPGC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPHC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPVC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQGC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQVC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRGC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRVC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRSVF 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRGC 29 | 1.21 | 3.98 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HRRVC 29 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HRRGC 30 | 0.85 | 2.70 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HRRVC 30 | 0.94 | 2.84 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HRRGC 31 | 1.91 | 6.04 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HRRVC 31 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HRBGS 32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRRGS 32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRVS 32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRBGC | 1 | 0.25 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HRDHC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCGC | 1 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCHC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKGC | 1 | 0.31 | 1.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 |
| HRKHC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRMVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPGC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPHC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPVC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQGC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQVC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRGC | 1 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRSVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKHF | 2 | 0.41 | 1.50 | 0.00 | 0.41 | 0.00 | 83.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.16 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| HRBGC | 3 | 0.25 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HRDHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCGC | 3 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRMVC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPGC | 3 | 0.05 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPVC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQGC | 3 | 0.08 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQVC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRGC | 3 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRVC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRSVC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRBGC | 4 | 0.25 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HRDHC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCGC | 4 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCHC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKGC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKHC | 4 | 0.02 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKVC | 4 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRMVC | 4 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPGC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPHC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPVC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQGC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQVC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRGC | 4 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRVC | 4 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRSVC | 4 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRBGS | 5 | 0.91 | 3.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HRDHS | 5 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCGS | 5 | 0.08 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCHS | 5 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKGS | 5 | 2.23 | 8.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 0.00 | 0.00 |
| HRKHS | 5 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKVS | 5 | 0.04 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRMVS | 5 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPGS | 5 | 0.17 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPHS | 5 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPVS | 5 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQGS | 5 | 0.25 | 0.70 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HRQVS | 5 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRGS | 5 | 0.21 | 0.59 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 1.33 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HRRVS | 5 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRSVS | 5 | 0.04 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRBGF | 6 | 0.78 | 2.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HRDHF | 6 | 0.02 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCGF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCHF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKGF | 6 | 2.04 | 7.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 0.00 | 0.00 |
| HRKHF | 6 | 0.41 | 1.50 | 0.00 | 0.41 | 0.00 | 83.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.16 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| HRKVF | 6 | 1.64 | 6.06 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 3.46 | 16.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.00 | 0.00 |
| HRMVF | 6 | 0.12 | 0.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPGF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPHF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPVF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQGF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRQVF | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRGF | 6 | 0.16 | 0.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRVF | 6 | 0.11 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRSVF | 6 | 1.51 | 5.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HRBGS | 7 | 0.91 | 3.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HRDHS | 7 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCGS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCHS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKGS | 7 | 2.23 | 8.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 0.00 | 0.00 |
| HRKHS | 7 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKVS | 7 | 0.04 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRMVS | 7 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPGS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPHS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPVS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQGS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQVS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRGS | 7 | 0.21 | 0.59 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 1.33 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HRRVS | 7 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRSVS | 7 | 0.04 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRBGS | 8 | 0.91 | 3.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HRDHS | 8 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCGS | 8 | 0.08 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCHS | 8 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKGS | 8 | 2.23 | 8.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 0.00 | 0.00 |
| HRKHS | 8 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKVS | 8 | 0.04 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRMVS | 8 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPGS | 8 | 0.17 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPHS | 8 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPVS | 8 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQGS | 8 | 0.25 | 0.70 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HRQVS | 8 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRGS | 8 | 0.21 | 0.59 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 1.33 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HRRVS | 8 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRSVS | 8 | 0.04 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRBGF | 9 | 0.78 | 2.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRDHF | 9 | 0.02 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCGF | 9 | 0.05 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCHF | 9 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKGF | 9 | 2.04 | 7.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 0.00 | 0.00 |
| HRKHF | 9 | 0.41 | 1.50 | 0.00 | 0.41 | 0.00 | 83.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.16 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| HRKVF | 9 | 1.64 | 6.06 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 3.46 | 16.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.00 | 0.00 |
| HRMVF | 9 | 0.12 | 0.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPGF | 9 | 0.12 | 0.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPHF | 9 | 0.03 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPVF | 9 | 0.08 | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQGF | 9 | 0.18 | 0.57 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HRQVF | 9 | 0.14 | 0.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRGF | 9 | 0.16 | 0.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRVF | 9 | 0.11 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRSVF | 9 | 1.51 | 5.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HRBGS | 10 | 0.91 | 3.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HRDHS | 10 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCGS | 10 | 0.08 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCHS | 10 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKGS | 10 | 2.23 | 8.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 0.00 | 0.00 |
| HRKHS | 10 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKVS | 10 | 0.04 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRMVS | 10 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPGS | 10 | 0.17 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPHS | 10 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPVS | 10 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQGS | 10 | 0.25 | 0.70 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HRQVS | 10 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRGS | 10 | 0.21 | 0.59 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 1.33 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HRRVS | 10 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRSVS | 10 | 0.04 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRDHC | 11 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCGC | 11 | 0.33 | 1.01 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 |
| HRCHC | 11 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRMVC | 11 | 1.64 | 5.39 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HRPGC | 11 | 0.66 | 2.07 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HRPHC | 11 | 0.14 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRPVC | 11 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HRQGC | 11 | 1.00 | 3.22 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HRQVC | 11 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HRRGC | 11 | 1.24 | 4.07 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HRRVC | 11 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HRDHC | 12 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCGC | 12 | 0.33 | 1.01 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 |
| HRCHC | 12 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRMVC | 12 | 1.64 | 5.39 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HRPGC | 12 | 0.66 | 2.07 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HRPHC | 12 | 0.14 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPVC | 12 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HRQGC | 12 | 1.00 | 3.22 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HRQVC | 12 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HRRGC | 12 | 1.24 | 4.07 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HRRVC | 12 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HRBGC | 17 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRGC | 17 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRVC | 17 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRBGC | 18 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRGC | 18 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRVC | 18 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRBGC | 19 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRGC | 19 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRVC | 19 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRBGC | 21 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRGC | 21 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRVC | 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRDHC | 22 | 0.10 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCGC | 22 | 0.51 | 1.46 | 0.19 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.05 | 0.00 | 0.00 |
| HRCHC | 22 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRMVC | 22 | 1.64 | 5.39 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HRPGC | 22 | 1.02 | 3.02 | 0.63 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HRPHC | 22 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPVC | 22 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HRQGC | 22 | 1.49 | 4.60 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HRQVC | 22 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRRGC 22 | 1.91 | 6.04 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HRRVC 22 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HRDHC 23 | 0.10 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCGC 23 | 0.51 | 1.46 | 0.19 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.05 | 0.00 | 0.00 |
| HRCHC 23 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRMVC 23 | 1.64 | 5.39 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HRPGC 23 | 1.02 | 3.02 | 0.63 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HRPHC 23 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPVC 23 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HRQGC 23 | 1.49 | 4.60 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HRQVC 23 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HRRGC 23 | 1.91 | 6.04 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HRRVC 23 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HRDHC 24 | 0.10 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCGC 24 | 0.51 | 1.46 | 0.19 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.05 | 0.00 | 0.00 |
| HRCHC 24 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRMVC 24 | 1.64 | 5.39 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HRPGC 24 | 1.02 | 3.02 | 0.63 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HRPHC 24 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPVC 24 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HRQGC 24 | 1.49 | 4.60 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HRQVC 24 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HRRGC 24 | 1.91 | 6.04 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HRRVC 24 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HRDHC 25 | 0.10 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCGC 25 | 0.51 | 1.46 | 0.19 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.05 | 0.00 | 0.00 |
| HRCHC 25 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRMVC 25 | 1.64 | 5.39 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HRPGC 25 | 1.02 | 3.02 | 0.63 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HRPHC 25 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPVC 25 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HRQGC 25 | 1.49 | 4.60 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HRQVC 25 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HRRGC 25 | 1.91 | 6.04 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HRRVC 25 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HRBGF 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRDHC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRCGC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCHC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKGF 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKHF 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKVF 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRMVC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPGC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPHC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPVC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQGC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQVC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRGC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRVC 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRSVF 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRBGF 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRDHC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCGC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRCHC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKGF 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKHF 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRKVF 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRMVC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPGC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPHC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRPVC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQGC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRQVC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRGC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRVC 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRSVF 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRGC 29 | 1.21 | 3.98 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HRRVC 29 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HRRGC 30 | 0.85 | 2.70 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HRRVC 30 | 0.94 | 2.84 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HRRGC 31 | 1.91 | 6.04 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HRRVC 31 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HRBGS 32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRRGS 32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HRRVS 32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRBGC | 1 | 0.250 | 0.000 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGC | 1 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKGC | 1 | 0.310 | 0.000 | 0.440 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKHC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC | 1 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRSVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKHF | 2 | 0.410 | 0.000 | 0.490 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGC | 3 | 0.250 | 0.000 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGC | 3 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGC | 3 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGC | 3 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC | 3 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRSVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGC | 4 | 0.250 | 0.000 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGC | 4 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKGC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKHC | 4 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKVC | 4 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRPGC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC | 4 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRSVC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGS | 5 | 0.910 | 0.050 | 0.800 | 0.600 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHS | 5 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGS | 5 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHS | 5 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKGS | 5 | 2.230 | 0.370 | 0.920 | 0.840 | 0.600 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKHS | 5 | 0.140 | 0.000 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKVS | 5 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVS | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGS | 5 | 0.170 | 0.000 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHS | 5 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVS | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGS | 5 | 0.250 | 0.000 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVS | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGS | 5 | 0.210 | 0.000 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVS | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRSVS | 5 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGF | 6 | 0.780 | 0.030 | 0.760 | 0.530 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHF | 6 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKGF | 6 | 2.040 | 0.310 | 0.920 | 0.830 | 0.580 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKHF | 6 | 0.410 | 0.000 | 0.490 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKVF | 6 | 1.640 | 0.190 | 0.890 | 0.780 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVF | 6 | 0.120 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGF | 6 | 0.160 | 0.000 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRRVF | 6 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRSVF | 6 | 1.510 | 0.160 | 0.880 | 0.760 | 0.450 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGS | 7 | 0.910 | 0.050 | 0.800 | 0.600 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHS | 7 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKGS | 7 | 2.230 | 0.370 | 0.920 | 0.840 | 0.600 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKHS | 7 | 0.140 | 0.000 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKVS | 7 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGS | 7 | 0.210 | 0.000 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRSVS | 7 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGS | 8 | 0.910 | 0.050 | 0.800 | 0.600 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHS | 8 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGS | 8 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHS | 8 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKGS | 8 | 2.230 | 0.370 | 0.920 | 0.840 | 0.600 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKHS | 8 | 0.140 | 0.000 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKVS | 8 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVS | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGS | 8 | 0.170 | 0.000 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHS | 8 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVS | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGS | 8 | 0.250 | 0.000 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVS | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGS | 8 | 0.210 | 0.000 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVS | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRSVS | 8 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGF | 9 | 0.780 | 0.030 | 0.760 | 0.530 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHF | 9 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGF | 9 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHF | 9 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRKGF | 9 | 2.040 | 0.310 | 0.920 | 0.830 | 0.580 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKHF | 9 | 0.410 | 0.000 | 0.490 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKVF | 9 | 1.640 | 0.190 | 0.890 | 0.780 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVF | 9 | 0.120 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGF | 9 | 0.120 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHF | 9 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVF | 9 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGF | 9 | 0.180 | 0.000 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVF | 9 | 0.140 | 0.000 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGF | 9 | 0.160 | 0.000 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVF | 9 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRSVF | 9 | 1.510 | 0.160 | 0.880 | 0.760 | 0.450 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGS | 10 | 0.910 | 0.050 | 0.800 | 0.600 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHS | 10 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGS | 10 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHS | 10 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKGS | 10 | 2.230 | 0.370 | 0.920 | 0.840 | 0.600 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKHS | 10 | 0.140 | 0.000 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKVS | 10 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVS | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGS | 10 | 0.170 | 0.000 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHS | 10 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVS | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGS | 10 | 0.250 | 0.000 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVS | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGS | 10 | 0.210 | 0.000 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVS | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRSVS | 10 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHC | 11 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGC | 11 | 0.330 | 0.000 | 0.480 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHC | 11 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVC | 11 | 1.640 | 0.190 | 0.890 | 0.790 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGC | 11 | 0.660 | 0.020 | 0.740 | 0.490 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHC | 11 | 0.140 | 0.000 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVC | 11 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGC | 11 | 1.000 | 0.060 | 0.830 | 0.660 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVC | 11 | 1.120 | 0.080 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC | 11 | 1.240 | 0.100 | 0.860 | 0.730 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRRVC 11 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHC 12 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGC 12 | 0.330 | 0.000 | 0.480 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHC 12 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVC 12 | 1.640 | 0.190 | 0.890 | 0.790 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGC 12 | 0.660 | 0.020 | 0.740 | 0.490 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHC 12 | 0.140 | 0.000 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVC 12 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGC 12 | 1.000 | 0.060 | 0.830 | 0.660 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVC 12 | 1.120 | 0.080 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC 12 | 1.240 | 0.100 | 0.860 | 0.730 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC 12 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGC 17 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC 17 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC 17 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGC 18 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC 18 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC 18 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGC 19 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC 19 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC 19 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGC 21 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC 21 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC 21 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHC 22 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGC 22 | 0.510 | 0.000 | 0.660 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHC 22 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVC 22 | 1.640 | 0.190 | 0.890 | 0.790 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGC 22 | 1.020 | 0.060 | 0.830 | 0.660 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHC 22 | 0.140 | 0.000 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVC 22 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGC 22 | 1.490 | 0.160 | 0.890 | 0.770 | 0.460 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVC 22 | 1.120 | 0.080 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC 22 | 1.910 | 0.270 | 0.910 | 0.820 | 0.560 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC 22 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHC 23 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGC 23 | 0.510 | 0.000 | 0.660 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHC 23 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRMVC 23 | 1.640 | 0.190 | 0.890 | 0.790 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGC 23 | 1.020 | 0.060 | 0.830 | 0.660 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHC 23 | 0.140 | 0.000 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVC 23 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGC 23 | 1.490 | 0.160 | 0.890 | 0.770 | 0.460 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVC 23 | 1.120 | 0.080 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC 23 | 1.910 | 0.270 | 0.910 | 0.820 | 0.560 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC 23 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHC 24 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGC 24 | 0.510 | 0.000 | 0.660 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHC 24 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVC 24 | 1.640 | 0.190 | 0.890 | 0.790 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGC 24 | 1.020 | 0.060 | 0.830 | 0.660 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHC 24 | 0.140 | 0.000 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVC 24 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGC 24 | 1.490 | 0.160 | 0.890 | 0.770 | 0.460 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVC 24 | 1.120 | 0.080 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC 24 | 1.910 | 0.270 | 0.910 | 0.820 | 0.560 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC 24 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHC 25 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGC 25 | 0.510 | 0.000 | 0.660 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHC 25 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVC 25 | 1.640 | 0.190 | 0.890 | 0.790 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGC 25 | 1.020 | 0.060 | 0.830 | 0.660 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHC 25 | 0.140 | 0.000 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVC 25 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGC 25 | 1.490 | 0.160 | 0.890 | 0.770 | 0.460 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVC 25 | 1.120 | 0.080 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC 25 | 1.910 | 0.270 | 0.910 | 0.820 | 0.560 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC 25 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKGF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKHF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKVF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRPGC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRSVF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGF 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKGF 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKHF 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKVF 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRSVF 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC 29 | 1.210 | 0.100 | 0.860 | 0.720 | 0.380 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC 29 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC 30 | 0.850 | 0.040 | 0.800 | 0.590 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC 30 | 0.940 | 0.050 | 0.810 | 0.610 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC 31 | 1.910 | 0.270 | 0.910 | 0.820 | 0.560 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC 31 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGS 32 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGS 32 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVS 32 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRBGC | 1 | 0.830 | 0.020 | 0.750 | 0.500 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGC | 1 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKGC | 1 | 1.060 | 0.040 | 0.810 | 0.610 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKHC | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKVC | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVC | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC | 1 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRSVC | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKHF | 2 | 1.500 | 0.090 | 0.830 | 0.660 | 0.380 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGC | 3 | 0.830 | 0.020 | 0.750 | 0.500 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGC | 3 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVC | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGC | 3 | 0.150 | 0.000 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVC | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGC | 3 | 0.250 | 0.000 | 0.330 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVC | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC | 3 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRSVC | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGC | 4 | 0.830 | 0.020 | 0.750 | 0.500 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGC | 4 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKGC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKHC | 4 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKVC | 4 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVC | 4 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRPGC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC | 4 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC | 4 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRSVC | 4 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGS | 5 | 3.010 | 0.370 | 0.930 | 0.860 | 0.650 | 0.410 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHS | 5 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGS | 5 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHS | 5 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKGS | 5 | 8.350 | 2.400 | 0.970 | 0.950 | 0.870 | 0.740 | 0.490 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKHS | 5 | 0.430 | 0.000 | 0.470 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKVS | 5 | 0.150 | 0.000 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVS | 5 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGS | 5 | 0.450 | 0.000 | 0.540 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHS | 5 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVS | 5 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGS | 5 | 0.700 | 0.010 | 0.700 | 0.460 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVS | 5 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGS | 5 | 0.590 | 0.010 | 0.650 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVS | 5 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRSVS | 5 | 0.140 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGF | 6 | 2.670 | 0.290 | 0.930 | 0.860 | 0.640 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHF | 6 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKGF | 6 | 7.780 | 2.110 | 0.970 | 0.950 | 0.870 | 0.750 | 0.500 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKHF | 6 | 1.500 | 0.090 | 0.830 | 0.660 | 0.380 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKVF | 6 | 6.060 | 1.340 | 0.970 | 0.940 | 0.840 | 0.680 | 0.430 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVF | 6 | 0.350 | 0.000 | 0.450 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVF | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGF | 6 | 0.480 | 0.000 | 0.580 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRRVF | 6 | 0.340 | 0.000 | 0.440 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRSVF | 6 | 5.510 | 1.130 | 0.960 | 0.930 | 0.820 | 0.650 | 0.390 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGS | 7 | 3.010 | 0.370 | 0.930 | 0.860 | 0.650 | 0.410 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHS | 7 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKGS | 7 | 8.350 | 2.400 | 0.970 | 0.950 | 0.870 | 0.740 | 0.490 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKHS | 7 | 0.430 | 0.000 | 0.470 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKVS | 7 | 0.150 | 0.000 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVS | 7 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGS | 7 | 0.590 | 0.010 | 0.650 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVS | 7 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRSVS | 7 | 0.140 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGS | 8 | 3.010 | 0.370 | 0.930 | 0.860 | 0.650 | 0.410 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHS | 8 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGS | 8 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHS | 8 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKGS | 8 | 8.350 | 2.400 | 0.970 | 0.950 | 0.870 | 0.740 | 0.490 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKHS | 8 | 0.430 | 0.000 | 0.470 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKVS | 8 | 0.150 | 0.000 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVS | 8 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGS | 8 | 0.450 | 0.000 | 0.540 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHS | 8 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVS | 8 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGS | 8 | 0.700 | 0.010 | 0.700 | 0.460 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVS | 8 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGS | 8 | 0.590 | 0.010 | 0.650 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVS | 8 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRSVS | 8 | 0.140 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGF | 9 | 2.670 | 0.290 | 0.930 | 0.860 | 0.640 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHF | 9 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGF | 9 | 0.160 | 0.000 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHF | 9 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRKGF | 9 | 7.780 | 2.110 | 0.970 | 0.950 | 0.870 | 0.750 | 0.500 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKHF | 9 | 1.500 | 0.090 | 0.830 | 0.660 | 0.380 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKVF | 9 | 6.060 | 1.340 | 0.970 | 0.940 | 0.840 | 0.680 | 0.430 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVF | 9 | 0.350 | 0.000 | 0.450 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGF | 9 | 0.360 | 0.000 | 0.460 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHF | 9 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVF | 9 | 0.260 | 0.000 | 0.340 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGF | 9 | 0.570 | 0.000 | 0.650 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVF | 9 | 0.420 | 0.000 | 0.500 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGF | 9 | 0.480 | 0.000 | 0.580 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVF | 9 | 0.340 | 0.000 | 0.440 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRSVF | 9 | 5.510 | 1.130 | 0.960 | 0.930 | 0.820 | 0.650 | 0.390 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGS | 10 | 3.010 | 0.370 | 0.930 | 0.860 | 0.650 | 0.410 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHS | 10 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGS | 10 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHS | 10 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKGS | 10 | 8.350 | 2.400 | 0.970 | 0.950 | 0.870 | 0.740 | 0.490 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKHS | 10 | 0.430 | 0.000 | 0.470 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKVS | 10 | 0.150 | 0.000 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVS | 10 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGS | 10 | 0.450 | 0.000 | 0.540 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHS | 10 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVS | 10 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGS | 10 | 0.700 | 0.010 | 0.700 | 0.460 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVS | 10 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGS | 10 | 0.590 | 0.010 | 0.650 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVS | 10 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRSVS | 10 | 0.140 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHC | 11 | 0.300 | 0.000 | 0.390 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGC | 11 | 1.010 | 0.040 | 0.820 | 0.640 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHC | 11 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVC | 11 | 5.390 | 1.080 | 0.970 | 0.930 | 0.830 | 0.660 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGC | 11 | 2.070 | 0.180 | 0.920 | 0.830 | 0.580 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHC | 11 | 0.450 | 0.000 | 0.480 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVC | 11 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGC | 11 | 3.220 | 0.420 | 0.950 | 0.890 | 0.730 | 0.470 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVC | 11 | 3.490 | 0.490 | 0.950 | 0.900 | 0.750 | 0.490 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC | 11 | 4.070 | 0.650 | 0.960 | 0.910 | 0.780 | 0.570 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRRVC | 11 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHC | 12 | 0.300 | 0.000 | 0.390 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGC | 12 | 1.010 | 0.040 | 0.820 | 0.640 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHC | 12 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVC | 12 | 5.390 | 1.080 | 0.970 | 0.930 | 0.830 | 0.660 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGC | 12 | 2.070 | 0.180 | 0.920 | 0.830 | 0.580 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHC | 12 | 0.450 | 0.000 | 0.480 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVC | 12 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGC | 12 | 3.220 | 0.420 | 0.950 | 0.890 | 0.730 | 0.470 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVC | 12 | 3.490 | 0.490 | 0.950 | 0.900 | 0.750 | 0.490 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC | 12 | 4.070 | 0.650 | 0.960 | 0.910 | 0.780 | 0.570 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC | 12 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGC | 17 | 0.300 | 0.000 | 0.400 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC | 17 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC | 17 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGC | 18 | 0.300 | 0.000 | 0.400 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC | 18 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC | 18 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGC | 19 | 0.300 | 0.000 | 0.400 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC | 19 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC | 19 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGC | 21 | 0.300 | 0.000 | 0.400 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC | 21 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC | 21 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHC | 22 | 0.310 | 0.000 | 0.400 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGC | 22 | 1.460 | 0.090 | 0.880 | 0.760 | 0.440 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHC | 22 | 0.210 | 0.000 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVC | 22 | 5.390 | 1.080 | 0.970 | 0.930 | 0.830 | 0.660 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGC | 22 | 3.020 | 0.370 | 0.940 | 0.880 | 0.710 | 0.450 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHC | 22 | 0.470 | 0.000 | 0.480 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVC | 22 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGC | 22 | 4.600 | 0.810 | 0.960 | 0.920 | 0.810 | 0.620 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVC | 22 | 3.490 | 0.490 | 0.950 | 0.900 | 0.750 | 0.490 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC | 22 | 6.040 | 1.330 | 0.970 | 0.940 | 0.850 | 0.700 | 0.450 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC | 22 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHC | 23 | 0.310 | 0.000 | 0.400 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGC | 23 | 1.460 | 0.090 | 0.880 | 0.760 | 0.440 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHC | 23 | 0.210 | 0.000 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRMVC 23 | 5.390 | 1.080 | 0.970 | 0.930 | 0.830 | 0.660 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGC 23 | 3.020 | 0.370 | 0.940 | 0.880 | 0.710 | 0.450 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHC 23 | 0.470 | 0.000 | 0.480 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVC 23 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGC 23 | 4.600 | 0.810 | 0.960 | 0.920 | 0.810 | 0.620 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVC 23 | 3.490 | 0.490 | 0.950 | 0.900 | 0.750 | 0.490 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC 23 | 6.040 | 1.330 | 0.970 | 0.940 | 0.850 | 0.700 | 0.450 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC 23 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHC 24 | 0.310 | 0.000 | 0.400 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGC 24 | 1.460 | 0.090 | 0.880 | 0.760 | 0.440 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHC 24 | 0.210 | 0.000 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVC 24 | 5.390 | 1.080 | 0.970 | 0.930 | 0.830 | 0.660 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGC 24 | 3.020 | 0.370 | 0.940 | 0.880 | 0.710 | 0.450 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHC 24 | 0.470 | 0.000 | 0.480 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVC 24 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGC 24 | 4.600 | 0.810 | 0.960 | 0.920 | 0.810 | 0.620 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVC 24 | 3.490 | 0.490 | 0.950 | 0.900 | 0.750 | 0.490 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC 24 | 6.040 | 1.330 | 0.970 | 0.940 | 0.850 | 0.700 | 0.450 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC 24 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHC 25 | 0.310 | 0.000 | 0.400 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGC 25 | 1.460 | 0.090 | 0.880 | 0.760 | 0.440 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHC 25 | 0.210 | 0.000 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVC 25 | 5.390 | 1.080 | 0.970 | 0.930 | 0.830 | 0.660 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGC 25 | 3.020 | 0.370 | 0.940 | 0.880 | 0.710 | 0.450 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHC 25 | 0.470 | 0.000 | 0.480 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVC 25 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGC 25 | 4.600 | 0.810 | 0.960 | 0.920 | 0.810 | 0.620 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVC 25 | 3.490 | 0.490 | 0.950 | 0.900 | 0.750 | 0.490 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC 25 | 6.040 | 1.330 | 0.970 | 0.940 | 0.850 | 0.700 | 0.450 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC 25 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKGF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKHF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKVF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HRPGC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRSVF 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGF 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRDHC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCGC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRCHC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKGF 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKHF 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRKVF 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRMVC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPGC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPHC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRPVC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQGC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRQVC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRSVF 27 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC 29 | 3.980 | 0.620 | 0.960 | 0.910 | 0.780 | 0.560 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC 29 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC 30 | 2.700 | 0.300 | 0.940 | 0.870 | 0.680 | 0.420 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC 30 | 2.840 | 0.330 | 0.940 | 0.880 | 0.690 | 0.430 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGC 31 | 6.040 | 1.330 | 0.970 | 0.940 | 0.850 | 0.700 | 0.450 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVC 31 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRBGS 32 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRGS 32 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HRRVS 32 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

# ACTIVITY CODE: HS

# HANDLING DURING LONG-TERM STORAGE

Report for file CNSHS

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HSBGC | 1 | 0.000 | 0.000 | 0.629 | 0.000 | 0.000 | 0.629 | 0.629 | 60 | ON | 0.250 | 0.830 | 0.190 | 0.610 | 0.060 | 0.200 |
| HSDHC | 1 | 0.000 | 0.000 | -2.886 | 0.000 | 0.000 | -2.886 | -2.886 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCGC | 1 | 0.000 | 0.000 | -0.963 | 0.000 | 0.000 | -0.963 | -0.963 | 60 | ON | 0.030 | 0.090 | 0.020 | 0.070 | 0.010 | 0.020 |
| HSCHC | 1 | 0.000 | 0.000 | -2.886 | 0.000 | 0.000 | -2.886 | -2.886 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSKGC | 1 | 0.000 | 0.000 | 0.806 | 0.000 | 0.000 | 0.806 | 0.806 | 60 | ON | 0.310 | 1.060 | 0.230 | 0.780 | 0.080 | 0.260 |
| HSKHC | 1 | 0.000 | 0.000 | -1.602 | 0.000 | 0.000 | -1.602 | -1.602 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| HSKVC | 1 | 0.000 | 0.000 | -3.569 | 0.000 | 0.000 | -3.569 | -3.569 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| HSMVC | 1 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPGC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPHC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQGC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRGC | 1 | 0.000 | 0.000 | -0.351 | 0.000 | 0.000 | -0.351 | -0.351 | 60 | ON | 0.070 | 0.210 | 0.050 | 0.160 | 0.020 | 0.050 |
| HSRVC | 1 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSSVC | 1 | 0.000 | 0.000 | -3.569 | 0.000 | 0.000 | -3.569 | -3.569 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| HSBGF | 2 | 0.000 | 0.000 | 1.342 | 0.000 | 0.000 | 1.342 | 1.342 | 30 | ON | 0.780 | 2.670 | 0.590 | 2.010 | 0.210 | 0.700 |
| HSDHF | 2 | 0.000 | 0.000 | -0.523 | 0.000 | 0.000 | -0.523 | -0.523 | 10 | ON | 0.020 | 0.050 | 0.010 | 0.040 | 0.000 | 0.010 |
| HSCGF | 2 | 0.000 | 0.000 | -0.796 | 0.000 | 0.000 | -0.796 | -0.796 | 10 | ON | 0.050 | 0.160 | 0.040 | 0.120 | 0.010 | 0.030 |
| HSCHF | 2 | 0.000 | 0.000 | -0.796 | 0.000 | 0.000 | -0.796 | -0.796 | 10 | ON | 0.010 | 0.030 | 0.010 | 0.030 | 0.000 | 0.010 |
| HSKGF | 2 | 0.000 | 0.000 | 2.176 | 0.000 | 0.000 | 2.176 | 2.176 | 30 | ON | 2.040 | 7.780 | 1.580 | 5.820 | 0.590 | 1.980 |
| HSKHF | 2 | 0.000 | 0.000 | 1.929 | 0.000 | 0.000 | 1.929 | 1.929 | 30 | ON | 0.410 | 1.500 | 0.330 | 1.160 | 0.100 | 0.290 |
| HSKVF | 2 | 0.000 | 0.000 | 1.602 | 0.000 | 0.000 | 1.602 | 1.602 | 30 | ON | 1.640 | 6.060 | 1.250 | 4.480 | 0.460 | 1.560 |
| HSMVF | 2 | 0.000 | 0.000 | -0.581 | 0.000 | 0.000 | -0.581 | -0.581 | 10 | ON | 0.120 | 0.350 | 0.090 | 0.260 | 0.030 | 0.080 |
| HSPGF | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPHF | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPVF | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQGF | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQVF | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRGF | 2 | 0.000 | 0.000 | 0.029 | 0.000 | 0.000 | 0.029 | 0.029 | 10 | ON | 0.160 | 0.480 | 0.120 | 0.360 | 0.040 | 0.120 |
| HSRVF | 2 | 0.000 | 0.000 | -0.602 | 0.000 | 0.000 | -0.602 | -0.602 | 10 | ON | 0.110 | 0.340 | 0.080 | 0.250 | 0.030 | 0.080 |
| HSSVF | 2 | 0.000 | 0.000 | 1.530 | 0.000 | 0.000 | 1.530 | 1.530 | 30 | ON | 1.510 | 5.510 | 1.150 | 4.080 | 0.430 | 1.430 |
| HSBGC | 3 | 0.000 | 0.000 | 0.629 | 0.000 | 0.000 | 0.629 | 0.629 | 60 | ON | 0.250 | 0.830 | 0.190 | 0.610 | 0.060 | 0.200 |
| HSDHC | 3 | 0.000 | 0.000 | -2.886 | 0.000 | 0.000 | -2.886 | -2.886 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCGC | 3 | 0.000 | 0.000 | -0.963 | 0.000 | 0.000 | -0.963 | -0.963 | 60 | ON | 0.030 | 0.090 | 0.020 | 0.070 | 0.010 | 0.020 |
| HSCHC | 3 | 0.000 | 0.000 | -2.886 | 0.000 | 0.000 | -2.886 | -2.886 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSMVC | 3 | 0.000 | 0.000 | 0.505 | 0.000 | 0.000 | 0.505 | 0.505 | 60 | ON | 0.350 | 1.150 | 0.260 | 0.840 | 0.090 | 0.280 |
| HSPGC | 3 | 0.000 | 0.000 | -1.903 | 0.000 | 0.000 | -1.903 | -1.903 | 60 | ON | 0.010 | 0.030 | 0.010 | 0.020 | 0.000 | 0.000 |
| HSPHC | 3 | 0.000 | 0.000 | -3.854 | 0.000 | 0.000 | -3.854 | -3.854 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHS

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HSPVC | 3 | 0.000 | 0.000 | -5.000 | 0.000 | 0.000 | -5.000 | -5.000 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQGC | 3 | 0.000 | 0.000 | -0.252 | 0.000 | 0.000 | -0.252 | -0.252 | 60 | ON | 0.080 | 0.250 | 0.060 | 0.180 | 0.020 | 0.060 |
| HSQVC | 3 | 0.000 | 0.000 | -2.979 | 0.000 | 0.000 | -2.979 | -2.979 | 60 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| HSRGC | 3 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRVC | 3 | 0.000 | 0.000 | -0.553 | 0.000 | 0.000 | -0.553 | -0.553 | 60 | ON | 0.090 | 0.280 | 0.070 | 0.200 | 0.020 | 0.060 |
| HSSVC | 3 | 0.000 | 0.000 | -5.000 | 0.000 | 0.000 | -5.000 | -5.000 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSBGC | 4 | 0.000 | 0.000 | 0.629 | 0.000 | 0.000 | 0.629 | 0.629 | 60 | ON | 0.250 | 0.830 | 0.190 | 0.610 | 0.060 | 0.200 |
| HSDHC | 4 | 0.000 | 0.000 | -2.886 | 0.000 | 0.000 | -2.886 | -2.886 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCGC | 4 | 0.000 | 0.000 | -0.963 | 0.000 | 0.000 | -0.963 | -0.963 | 60 | ON | 0.030 | 0.090 | 0.020 | 0.070 | 0.010 | 0.020 |
| HSCHC | 4 | 0.000 | 0.000 | -2.886 | 0.000 | 0.000 | -2.886 | -2.886 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSKGC | 4 | 0.000 | 0.000 | 0.806 | 0.000 | 0.000 | 0.806 | 0.806 | 60 | ON | 0.310 | 1.060 | 0.230 | 0.780 | 0.080 | 0.260 |
| HSKHC | 4 | 0.000 | 0.000 | -1.602 | 0.000 | 0.000 | -1.602 | -1.602 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| HSKVC | 4 | 0.000 | 0.000 | -3.569 | 0.000 | 0.000 | -3.569 | -3.569 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| HSMVC | 4 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPGC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPHC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPVC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQGC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQVC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRGC | 4 | 0.000 | 0.000 | -0.351 | 0.000 | 0.000 | -0.351 | -0.351 | 60 | ON | 0.070 | 0.210 | 0.050 | 0.160 | 0.020 | 0.050 |
| HSRVC | 4 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSSVC | 4 | 0.000 | 0.000 | -3.569 | 0.000 | 0.000 | -3.569 | -3.569 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| HSDHC | 5 | 0.000 | 0.778 | -2.187 | 0.000 | 0.000 | 0.778 | 0.778 | 60 | ON | 0.100 | 0.300 | 0.080 | 0.240 | 0.020 | 0.060 |
| HSCGC | 5 | 0.000 | 0.204 | -0.264 | 0.000 | 0.000 | 0.331 | 0.331 | 60 | ON | 0.370 | 1.120 | 0.290 | 0.860 | 0.100 | 0.310 |
| HSCHC | 5 | 0.000 | 0.505 | -2.187 | 0.000 | 0.000 | 0.506 | 0.506 | 60 | ON | 0.070 | 0.210 | 0.050 | 0.170 | 0.020 | 0.040 |
| HSMVC | 5 | 0.000 | 1.021 | 1.505 | 0.000 | 0.000 | 1.628 | 1.628 | 60 | ON | 1.890 | 6.370 | 1.440 | 4.800 | 0.540 | 1.740 |
| HSPGC | 5 | 0.000 | 0.813 | -0.903 | 0.000 | 0.000 | 0.821 | 0.821 | 60 | ON | 0.660 | 2.080 | 0.520 | 1.600 | 0.190 | 0.600 |
| HSPHC | 5 | 0.000 | 1.068 | -2.870 | 0.000 | 0.000 | 1.068 | 1.068 | 60 | ON | 0.140 | 0.450 | 0.110 | 0.360 | 0.030 | 0.090 |
| HSPVC | 5 | 0.000 | 0.778 | -4.046 | 0.000 | 0.000 | 0.778 | 0.778 | 60 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| HSQGC | 5 | 0.000 | 1.161 | 0.447 | 0.000 | 0.000 | 1.238 | 1.238 | 60 | ON | 1.090 | 3.530 | 0.850 | 2.700 | 0.320 | 1.000 |
| HSQVC | 5 | 0.000 | 1.161 | -1.979 | 0.000 | 0.000 | 1.161 | 1.161 | 60 | ON | 1.120 | 3.490 | 0.850 | 2.650 | 0.310 | 0.980 |
| HSRGC | 5 | 0.000 | 1.330 | -3.569 | 0.000 | 0.000 | 1.330 | 1.330 | 60 | ON | 1.210 | 3.970 | 0.950 | 3.040 | 0.360 | 1.130 |
| HSRVC | 5 | 0.000 | 1.301 | 0.447 | 0.000 | 0.000 | 1.358 | 1.358 | 60 | ON | 1.400 | 4.500 | 1.070 | 3.400 | 0.400 | 1.250 |
| HSDHC | 6 | 0.000 | 0.778 | -2.187 | 0.000 | 0.000 | 0.778 | 0.778 | 60 | ON | 0.100 | 0.300 | 0.080 | 0.240 | 0.020 | 0.060 |
| HSCGC | 6 | 0.000 | 0.204 | -0.264 | 0.000 | 0.000 | 0.331 | 0.331 | 60 | ON | 0.370 | 1.120 | 0.290 | 0.860 | 0.100 | 0.310 |
| HSCHC | 6 | 0.000 | 0.505 | -2.187 | 0.000 | 0.000 | 0.506 | 0.506 | 60 | ON | 0.070 | 0.210 | 0.050 | 0.170 | 0.020 | 0.040 |
| HSMVC | 6 | 0.000 | 1.021 | -4.046 | 0.000 | 0.000 | 1.021 | 1.021 | 60 | ON | 0.960 | 2.910 | 0.730 | 2.210 | 0.260 | 0.820 |
| HSPGC | 6 | 0.000 | 0.813 | 0.447 | 0.000 | 0.000 | 0.968 | 0.968 | 60 | ON | 0.790 | 2.500 | 0.620 | 1.930 | 0.230 | 0.720 |
| HSPHC | 6 | 0.000 | 1.068 | -1.979 | 0.000 | 0.000 | 1.068 | 1.068 | 60 | ON | 0.140 | 0.460 | 0.110 | 0.360 | 0.030 | 0.090 |

Report for file CNSHS

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HSPVC | 6 | 0.000 | 0.778 | -4.000 | 0.000 | 0.000 | 0.778 | 0.778 | 60 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| HSQGC | 6 | 0.000 | 1.161 | 0.447 | 0.000 | 0.000 | 1.238 | 1.238 | 60 | ON | 1.090 | 3.530 | 0.850 | 2.700 | 0.320 | 1.000 |
| HSQVC | 6 | 0.000 | 1.161 | -4.000 | 0.000 | 0.000 | 1.161 | 1.161 | 60 | ON | 1.120 | 3.490 | 0.850 | 2.640 | 0.310 | 0.980 |
| HSRGC | 6 | 0.000 | 1.029 | 0.348 | 0.000 | 0.000 | 1.111 | 1.111 | 60 | ON | 0.940 | 3.000 | 0.740 | 2.310 | 0.270 | 0.860 |
| HSRVC | 6 | 0.000 | 1.000 | -4.097 | 0.000 | 0.000 | 1.000 | 1.000 | 60 | ON | 0.940 | 2.840 | 0.710 | 2.150 | 0.260 | 0.800 |
| HSBGC | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSDHC | 7 | 0.000 | 1.857 | 1.033 | 0.000 | 0.000 | 1.918 | 1.918 | 20 | ON | 0.400 | 1.470 | 0.320 | 1.140 | 0.090 | 0.290 |
| HSCGC | 7 | 0.000 | 0.982 | 0.459 | 0.000 | 0.000 | 1.096 | 1.096 | 20 | ON | 0.920 | 2.940 | 0.720 | 2.260 | 0.270 | 0.840 |
| HSCHC | 7 | 0.000 | 1.283 | 0.459 | 0.000 | 0.000 | 1.344 | 1.344 | 20 | ON | 0.200 | 0.670 | 0.160 | 0.520 | 0.050 | 0.130 |
| HSKGC | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSKHC | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSKVC | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSMVC | 7 | 0.000 | 1.975 | 0.850 | 0.000 | 0.000 | 2.006 | 2.006 | 20 | ON | 2.860 | 10.380 | 2.180 | 7.750 | 0.850 | 2.740 |
| HSPGC | 7 | 0.000 | 1.114 | 0.591 | 0.000 | 0.000 | 1.228 | 1.228 | 20 | ON | 1.070 | 3.480 | 0.840 | 2.670 | 0.310 | 0.990 |
| HSPHC | 7 | 0.000 | 1.369 | 0.545 | 0.000 | 0.000 | 1.430 | 1.430 | 20 | ON | 0.220 | 0.750 | 0.180 | 0.590 | 0.050 | 0.140 |
| HSPVC | 7 | 0.000 | 1.079 | -0.046 | 0.000 | 0.000 | 1.110 | 1.110 | 20 | ON | 1.060 | 3.270 | 0.810 | 2.480 | 0.290 | 0.920 |
| HSQGC | 7 | 0.000 | 1.337 | 0.815 | 0.000 | 0.000 | 1.451 | 1.451 | 20 | ON | 1.390 | 4.630 | 1.090 | 3.530 | 0.410 | 1.310 |
| HSQVC | 7 | 0.000 | 1.337 | 0.213 | 0.000 | 0.000 | 1.368 | 1.368 | 20 | ON | 1.420 | 4.560 | 1.080 | 3.450 | 0.400 | 1.270 |
| HSRGC | 7 | 0.000 | 1.603 | 1.081 | 0.000 | 0.000 | 1.717 | 1.717 | 20 | ON | 1.890 | 6.510 | 1.470 | 4.940 | 0.560 | 1.810 |
| HSRVC | 7 | 0.000 | 1.574 | 0.449 | 0.000 | 0.000 | 1.605 | 1.605 | 20 | ON | 1.850 | 6.190 | 1.410 | 4.660 | 0.530 | 1.690 |
| HSSVC | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSBGC | 8 | 0.000 | 0.000 | 0.629 | 0.000 | 0.000 | 0.629 | 0.629 | 60 | ON | 0.250 | 0.830 | 0.190 | 0.610 | 0.060 | 0.200 |
| HSDHC | 8 | 0.000 | 0.000 | -2.886 | 0.000 | 0.000 | -2.886 | -2.886 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCGC | 8 | 0.000 | 0.000 | -0.963 | 0.000 | 0.000 | -0.963 | -0.963 | 60 | ON | 0.030 | 0.090 | 0.020 | 0.070 | 0.010 | 0.020 |
| HSCHC | 8 | 0.000 | 0.000 | -2.886 | 0.000 | 0.000 | -2.886 | -2.886 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSMVC | 8 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPGC | 8 | 0.000 | 0.000 | -0.252 | 0.000 | 0.000 | -0.252 | -0.252 | 60 | ON | 0.080 | 0.250 | 0.060 | 0.180 | 0.020 | 0.060 |
| HSPHC | 8 | 0.000 | 0.000 | -2.678 | 0.000 | 0.000 | -2.678 | -2.678 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPVC | 8 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQGC | 8 | 0.000 | 0.000 | -0.252 | 0.000 | 0.000 | -0.252 | -0.252 | 60 | ON | 0.080 | 0.250 | 0.060 | 0.180 | 0.020 | 0.060 |
| HSQVC | 8 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRGC | 8 | 0.000 | 0.000 | -0.351 | 0.000 | 0.000 | -0.351 | -0.351 | 60 | ON | 0.070 | 0.210 | 0.050 | 0.160 | 0.020 | 0.050 |
| HSRVC | 8 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSBGC | 9 | 0.000 | 0.000 | 0.629 | 0.000 | 0.000 | 0.629 | 0.629 | 60 | ON | 0.250 | 0.830 | 0.190 | 0.610 | 0.060 | 0.200 |
| HSDHC | 9 | 0.000 | 0.000 | -2.886 | 0.000 | 0.000 | -2.886 | -2.886 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCGC | 9 | 0.000 | 0.000 | -0.963 | 0.000 | 0.000 | -0.963 | -0.963 | 60 | ON | 0.030 | 0.090 | 0.020 | 0.070 | 0.010 | 0.020 |
| HSCHC | 9 | 0.000 | 0.000 | -2.886 | 0.000 | 0.000 | -2.886 | -2.886 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSMVC | 9 | 0.000 | 0.000 | -5.000 | 0.000 | 0.000 | -5.000 | -5.000 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPGC | 9 | 0.000 | 0.000 | -0.252 | 0.000 | 0.000 | -0.252 | -0.252 | 60 | ON | 0.080 | 0.250 | 0.060 | 0.180 | 0.020 | 0.060 |

Report for file CNSHS

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HSPHC | 9 | 0.000 | 0.000 | -2.979 | 0.000 | 0.000 | -2.979 | -2.979 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPVC | 9 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQGC | 9 | 0.000 | 0.000 | -0.553 | 0.000 | 0.000 | -0.553 | -0.553 | 60 | ON | 0.060 | 0.160 | 0.040 | 0.120 | 0.010 | 0.040 |
| HSQVC | 9 | 0.000 | 0.000 | -5.000 | 0.000 | 0.000 | -5.000 | -5.000 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRGC | 9 | 0.000 | 0.000 | -0.351 | 0.000 | 0.000 | -0.351 | -0.351 | 60 | ON | 0.070 | 0.210 | 0.050 | 0.160 | 0.020 | 0.050 |
| HSRVC | 9 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSBGC | 10 | 0.000 | 0.000 | 0.629 | 0.000 | 0.000 | 0.629 | 0.629 | 60 | ON | 0.250 | 0.830 | 0.190 | 0.610 | 0.060 | 0.200 |
| HSDHC | 10 | 0.000 | 0.000 | -2.886 | 0.000 | 0.000 | -2.886 | -2.886 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCGC | 10 | 0.000 | 0.000 | -0.963 | 0.000 | 0.000 | -0.963 | -0.963 | 60 | ON | 0.030 | 0.090 | 0.020 | 0.070 | 0.010 | 0.020 |
| HSCHC | 10 | 0.000 | 0.000 | -2.886 | 0.000 | 0.000 | -2.886 | -2.886 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSMVC | 10 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPGC | 10 | 0.000 | 0.000 | -0.252 | 0.000 | 0.000 | -0.252 | -0.252 | 60 | ON | 0.080 | 0.250 | 0.060 | 0.180 | 0.020 | 0.060 |
| HSPHC | 10 | 0.000 | 0.000 | -2.678 | 0.000 | 0.000 | -2.678 | -2.678 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPVC | 10 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQGC | 10 | 0.000 | 0.000 | -0.252 | 0.000 | 0.000 | -0.252 | -0.252 | 60 | ON | 0.080 | 0.250 | 0.060 | 0.180 | 0.020 | 0.060 |
| HSQVC | 10 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRGC | 10 | 0.000 | 0.000 | -0.351 | 0.000 | 0.000 | -0.351 | -0.351 | 60 | ON | 0.070 | 0.210 | 0.050 | 0.160 | 0.020 | 0.050 |
| HSRVC | 10 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSDHC | 11 | 0.000 | 0.778 | -2.187 | 0.000 | 0.000 | 0.778 | 0.778 | 60 | ON | 0.100 | 0.300 | 0.080 | 0.240 | 0.020 | 0.060 |
| HSCGC | 11 | 0.000 | 0.204 | -0.264 | 0.000 | 0.000 | 0.331 | 0.331 | 60 | ON | 0.370 | 1.120 | 0.290 | 0.860 | 0.100 | 0.310 |
| HSCHC | 11 | 0.000 | 0.505 | -2.187 | 0.000 | 0.000 | 0.506 | 0.506 | 60 | ON | 0.070 | 0.210 | 0.050 | 0.170 | 0.020 | 0.040 |
| HSMVC | 11 | 0.000 | 1.498 | -3.585 | 0.000 | 0.000 | 1.498 | 1.498 | 60 | ON | 1.640 | 5.390 | 1.250 | 4.060 | 0.470 | 1.480 |
| HSPGC | 11 | 0.000 | 0.813 | 0.447 | 0.000 | 0.000 | 0.968 | 0.968 | 60 | ON | 0.790 | 2.500 | 0.620 | 1.930 | 0.230 | 0.720 |
| HSPHC | 11 | 0.000 | 1.068 | -1.979 | 0.000 | 0.000 | 1.068 | 1.068 | 60 | ON | 0.140 | 0.460 | 0.110 | 0.360 | 0.030 | 0.090 |
| HSPVC | 11 | 0.000 | 0.778 | -4.000 | 0.000 | 0.000 | 0.778 | 0.778 | 60 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| HSQGC | 11 | 0.000 | 1.161 | 0.447 | 0.000 | 0.000 | 1.238 | 1.238 | 60 | ON | 1.090 | 3.530 | 0.850 | 2.700 | 0.320 | 1.000 |
| HSQVC | 11 | 0.000 | 1.161 | -4.000 | 0.000 | 0.000 | 1.161 | 1.161 | 60 | ON | 1.120 | 3.490 | 0.850 | 2.640 | 0.310 | 0.980 |
| HSRGC | 11 | 0.000 | 1.330 | 0.763 | 0.000 | 0.000 | 1.434 | 1.434 | 60 | ON | 1.360 | 4.530 | 1.070 | 3.460 | 0.400 | 1.280 |
| HSRVC | 11 | 0.000 | 1.301 | -3.678 | 0.000 | 0.000 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| HSDHC | 12 | 0.000 | 0.778 | -2.187 | 0.000 | 0.000 | 0.778 | 0.778 | 60 | ON | 0.100 | 0.300 | 0.080 | 0.240 | 0.020 | 0.060 |
| HSCGC | 12 | 0.000 | 0.204 | -0.264 | 0.000 | 0.000 | 0.331 | 0.331 | 60 | ON | 0.370 | 1.120 | 0.290 | 0.860 | 0.100 | 0.310 |
| HSCHC | 12 | 0.000 | 0.505 | -2.187 | 0.000 | 0.000 | 0.506 | 0.506 | 60 | ON | 0.070 | 0.210 | 0.050 | 0.170 | 0.020 | 0.040 |
| HSMVC | 12 | 0.000 | 1.505 | -3.585 | 0.000 | 0.000 | 1.505 | 1.505 | 60 | ON | 1.650 | 5.440 | 1.260 | 4.100 | 0.470 | 1.500 |
| HSPGC | 12 | 0.000 | 0.813 | 0.447 | 0.000 | 0.000 | 0.968 | 0.968 | 60 | ON | 0.790 | 2.500 | 0.620 | 1.930 | 0.230 | 0.720 |
| HSPHC | 12 | 0.000 | 1.079 | -1.979 | 0.000 | 0.000 | 1.079 | 1.079 | 60 | ON | 0.140 | 0.460 | 0.110 | 0.370 | 0.030 | 0.090 |
| HSPVC | 12 | 0.000 | 0.778 | -4.000 | 0.000 | 0.000 | 0.778 | 0.778 | 60 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| HSQGC | 12 | 0.000 | 1.161 | 0.447 | 0.000 | 0.000 | 1.238 | 1.238 | 60 | ON | 1.090 | 3.530 | 0.850 | 2.700 | 0.320 | 1.000 |
| HSQVC | 12 | 0.000 | 1.161 | -4.000 | 0.000 | 0.000 | 1.161 | 1.161 | 60 | ON | 1.120 | 3.490 | 0.850 | 2.640 | 0.310 | 0.980 |
| HSRGC | 12 | 0.000 | 1.322 | 0.763 | 0.000 | 0.000 | 1.428 | 1.428 | 60 | ON | 1.350 | 4.500 | 1.060 | 3.430 | 0.400 | 1.270 |

Report for file CNSHS

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | LOG OF EVAPORATED QUANTITY(LB) VAPOR | WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HSRVC 12 | 0.000 | 1.301 | -3.678 | 0.000 | 0.000 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |

Report for file CNSHS

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HSBGC | 1 | 0.25 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSDHC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSCGC | 1 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSCHC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSKGC | 1 | 0.31 | 1.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| HSKHC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSKVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSMVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPGC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPHC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPVC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSQGC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSQVC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSRGC | 1 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSRVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSSVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSBGF | 2 | 0.78 | 2.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HSDHF | 2 | 0.02 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSCGF | 2 | 0.05 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSCHF | 2 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSKGF | 2 | 2.04 | 7.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.00 | 0.00 |
| HSKHF | 2 | 0.41 | 1.50 | 0.00 | 0.07 | 0.00 | 2.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| HSKVF | 2 | 1.64 | 6.06 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.86 | 9.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.00 | 0.00 |
| HSMVF | 2 | 0.12 | 0.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPGF | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPHF | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPVF | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSQGF | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSQVF | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSRGF | 2 | 0.16 | 0.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSRVF | 2 | 0.11 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSSVF | 2 | 1.51 | 5.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HSBGC | 3 | 0.25 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSDHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSCGC | 3 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSCHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSMVC | 3 | 0.35 | 1.15 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |

Report for file CNSHS

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HSPGC | 7 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPVC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSQGC | 3 | 0.08 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSQVC | 3 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSRGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSRVC | 3 | 0.09 | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSSVC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSBGC | 4 | 0.25 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSDHC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSCGC | 4 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSCHC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSKGC | 4 | 0.31 | 1.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| HSKHC | 4 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSKVC | 4 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSMVC | 4 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPGC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPHC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPVC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSQGC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSQVC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSRGC | 4 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSRVC | 4 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSSVC | 4 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSDHC | 5 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSCGC | 5 | 0.37 | 1.12 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| HSCHC | 5 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSMVC | 5 | 1.89 | 6.37 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HSPGC | 5 | 0.66 | 2.08 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HSPHC | 5 | 0.14 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPVC | 5 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HSQGC | 5 | 1.09 | 3.53 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HSQVC | 5 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HSRGC | 5 | 1.21 | 3.97 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HSRVC | 5 | 1.40 | 4.50 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HSDHC | 6 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSCGC | 6 | 0.37 | 1.12 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |

Report for file CNSHS

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HSCHC | 6 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSMVC | 6 | 0.96 | 2.91 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HSPGC | 6 | 0.79 | 2.50 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HSPHC | 6 | 0.14 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPVC | 6 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HSQGC | 6 | 1.09 | 3.53 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HSQVC | 6 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HSRGC | 6 | 0.94 | 3.00 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HSRVC | 6 | 0.94 | 2.84 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HSBGC | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSDHC | 7 | 0.40 | 1.47 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.00 | 0.02 | 0.00 | 0.01 | 0.00 | 0.00 |
| HSCGC | 7 | 0.92 | 2.94 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.00 | 0.00 |
| HSCHC | 7 | 0.20 | 0.67 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSKGC | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSKHC | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSKVC | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSMVC | 7 | 2.86 | 10.38 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.80 | 0.16 | 1.03 | 0.92 | 52.11 |
| HSPGC | 7 | 1.07 | 3.48 | 0.15 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HSPHC | 7 | 0.22 | 0.75 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPVC | 7 | 1.06 | 3.27 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HSQGC | 7 | 1.39 | 4.63 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HSQVC | 7 | 1.42 | 4.56 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HSRGC | 7 | 1.89 | 6.51 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HSRVC | 7 | 1.85 | 6.19 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HSSVC | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSBGC | 8 | 0.25 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSDHC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSCGC | 8 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSCHC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSMVC | 8 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPGC | 8 | 0.08 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPHC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPVC | 8 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSQGC | 8 | 0.08 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSQVC | 8 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSRGC | 8 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSRVC | 8 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHS

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HSBGC 9 | 0.25 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSDHC 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSCGC 9 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSCHC 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSMVC 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPGC 9 | 0.08 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPHC 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPVC 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSQGC 9 | 0.06 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSQVC 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSRGC 9 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSRVC 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSBGC 10 | 0.25 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSDHC 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSCGC 10 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSCHC 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSMVC 10 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPGC 10 | 0.08 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPHC 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPVC 10 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSQGC 10 | 0.08 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSQVC 10 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSRGC 10 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSRVC 10 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSDHC 11 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSCGC 11 | 0.37 | 1.12 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| HSCHC 11 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSMVC 11 | 1.64 | 5.39 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HSPGC 11 | 0.79 | 2.50 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HSPHC 11 | 0.14 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPVC 11 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HSQGC 11 | 1.09 | 3.53 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HSQVC 11 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HSRGC 11 | 1.36 | 4.53 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HSRVC 11 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HSDHC 12 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSCGC 12 | 0.37 | 1.12 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |

Report for file CNSHS

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HSCHC 12 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSMVC 12 | 1.65 | 5.44 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| HSPGC 12 | 0.79 | 2.50 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HSPHC 12 | 0.14 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPVC 12 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| HSQGC 12 | 1.09 | 3.53 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HSQVC 12 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HSRGC 12 | 1.35 | 4.50 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| HSRVC 12 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |

Report for file CNSHS

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HSBGC | 1 | 0.25 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HSDHC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSCGC | 1 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSCHC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSKGC | 1 | 0.31 | 1.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 |
| HSKHC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSKVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSMVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPGC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPHC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPVC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSQGC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSQVC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSRGC | 1 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSRVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSSVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSBGF | 2 | 0.78 | 2.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HSDHF | 2 | 0.02 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSCGF | 2 | 0.05 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSCHF | 2 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSKGF | 2 | 2.04 | 7.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 0.00 | 0.00 |
| HSKHF | 2 | 0.41 | 1.50 | 0.00 | 0.41 | 0.00 | 83.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.16 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| HSKVF | 2 | 1.64 | 6.06 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 3.46 | 16.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.00 | 0.00 |
| HSMVF | 2 | 0.12 | 0.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPGF | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPHF | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPVF | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSQGF | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSQVF | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSRGF | 2 | 0.16 | 0.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSRVF | 2 | 0.11 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSSVF | 2 | 1.51 | 5.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HSBGC | 3 | 0.25 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HSDHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSCGC | 3 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSCHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSMVC | 3 | 0.35 | 1.15 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.16 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |

Report for file CNSHS

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HSPGC | 3 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPVC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSQGC | 3 | 0.08 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSQVC | 3 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSRGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSRVC | 3 | 0.09 | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSSVC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSBGC | 4 | 0.25 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HSDHC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSCGC | 4 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSCHC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSKGC | 4 | 0.31 | 1.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 |
| HSKHC | 4 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSKVC | 4 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSMVC | 4 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPGC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPHC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPVC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSQGC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSQVC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSRGC | 4 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSRVC | 4 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSSVC | 4 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSDHC | 5 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSCGC | 5 | 0.37 | 1.12 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 |
| HSCHC | 5 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSMVC | 5 | 1.89 | 6.37 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HSPGC | 5 | 0.66 | 2.08 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HSPHC | 5 | 0.14 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPVC | 5 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HSQGC | 5 | 1.09 | 3.53 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HSQVC | 5 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HSRGC | 5 | 1.21 | 3.97 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HSRVC | 5 | 1.40 | 4.50 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HSDHC | 6 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSCGC | 6 | 0.37 | 1.12 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 |

Report for file CNSHS

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HSCHC | 6 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSMVC | 6 | 0.96 | 2.91 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HSPGC | 6 | 0.79 | 2.50 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HSPHC | 6 | 0.14 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPVC | 6 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HSQGC | 6 | 1.09 | 3.53 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HSQVC | 6 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HSRGC | 6 | 0.94 | 3.00 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HSRVC | 6 | 0.94 | 2.84 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HSBGC | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSDHC | 7 | 0.40 | 1.47 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.16 | 0.00 | 0.11 | 0.00 | 0.05 | 0.00 | 0.00 |
| HSCGC | 7 | 0.92 | 2.94 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.00 | 0.00 |
| HSCHC | 7 | 0.20 | 0.67 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.00 | 0.03 | 0.00 | 0.00 |
| HSKGC | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSKHC | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSKVC | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSMVC | 7 | 2.86 | 10.38 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| HSPGC | 7 | 1.07 | 3.48 | 0.63 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HSPHC | 7 | 0.22 | 0.75 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.00 | 0.03 | 0.00 | 0.00 |
| HSPVC | 7 | 1.06 | 3.27 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HSQGC | 7 | 1.39 | 4.63 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HSQVC | 7 | 1.42 | 4.56 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HSRGC | 7 | 1.89 | 6.51 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HSRVC | 7 | 1.85 | 6.19 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HSSVC | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSBGC | 8 | 0.25 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| HSDHC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSCGC | 8 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSCHC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSMVC | 8 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPGC | 8 | 0.08 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPHC | 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPVC | 8 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSQGC | 8 | 0.08 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSQVC | 8 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSRGC | 8 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSRVC | 8 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHS

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NSBGC | 9 | 0.25 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| NSDHC | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NSCGC | 9 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NSCHC | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NSMVC | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NSPGC | 9 | 0.08 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NSPHC | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NSPVC | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NSQGC | 9 | 0.06 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NSQVC | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NSRGC | 9 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NSRVC | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NSBGC | 10 | 0.25 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| NSDHC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NSCGC | 10 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NSCHC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NSMVC | 10 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NSPGC | 10 | 0.08 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NSPHC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NSPVC | 10 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NSQGC | 10 | 0.08 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NSQVC | 10 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NSRGC | 10 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NSRVC | 10 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NSDHC | 11 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NSCGC | 11 | 0.37 | 1.12 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 |
| NSCHC | 11 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NSMVC | 11 | 1.64 | 5.39 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| NSPGC | 11 | 0.79 | 2.50 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| NSPHC | 11 | 0.14 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NSPVC | 11 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| NSQGC | 11 | 1.09 | 3.53 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| NSQVC | 11 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| NSRGC | 11 | 1.36 | 4.53 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| NSRVC | 11 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| NSDHC | 12 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NSCGC | 12 | 0.37 | 1.12 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 |

Report for file CNSHS

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HSCHC 12 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSMVC 12 | 1.65 | 5.44 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| HSPGC 12 | 0.79 | 2.50 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HSPHC 12 | 0.14 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HSPVC 12 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| HSQGC 12 | 1.09 | 3.53 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HSQVC 12 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HSRGC 12 | 1.35 | 4.50 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| HSRVC 12 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |

Report for file CNSHS

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HSBGC | 1 | 0.250 | 0.000 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSDHC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCGC | 1 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCHC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSKGC | 1 | 0.310 | 0.000 | 0.440 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSKHC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSKVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSMVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPGC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPHC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQGC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRGC | 1 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSSVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSBGF | 2 | 0.780 | 0.030 | 0.760 | 0.530 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSDHF | 2 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCGF | 2 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCHF | 2 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSKGF | 2 | 2.040 | 0.310 | 0.920 | 0.830 | 0.580 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSKHF | 2 | 0.410 | 0.000 | 0.490 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSKVF | 2 | 1.640 | 0.190 | 0.890 | 0.780 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSMVF | 2 | 0.120 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPGF | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPHF | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPVF | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQGF | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQVF | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRGF | 2 | 0.160 | 0.000 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRVF | 2 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSSVF | 2 | 1.510 | 0.160 | 0.880 | 0.760 | 0.450 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSBGC | 3 | 0.250 | 0.000 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSDHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCGC | 3 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSMVC | 3 | 0.350 | 0.000 | 0.470 | 0.180 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPGC | 3 | 0.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHS

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HSPHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQGC | 3 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRVC | 3 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSSVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSBGC | 4 | 0.250 | 0.000 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSDHC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCGC | 4 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCHC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSKGC | 4 | 0.310 | 0.000 | 0.440 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSKHC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSKVC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSMVC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPGC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPHC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPVC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQGC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQVC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRGC | 4 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRVC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSSVC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSDHC | 5 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCGC | 5 | 0.370 | 0.000 | 0.520 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCHC | 5 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSMVC | 5 | 1.890 | 0.260 | 0.910 | 0.820 | 0.540 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPGC | 5 | 0.660 | 0.020 | 0.740 | 0.490 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPHC | 5 | 0.140 | 0.000 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPVC | 5 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQGC | 5 | 1.090 | 0.080 | 0.840 | 0.690 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQVC | 5 | 1.120 | 0.080 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRGC | 5 | 1.210 | 0.100 | 0.860 | 0.720 | 0.380 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRVC | 5 | 1.400 | 0.140 | 0.870 | 0.750 | 0.420 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSDHC | 6 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCGC | 6 | 0.370 | 0.000 | 0.520 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCHC | 6 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSMVC | 6 | 0.960 | 0.060 | 0.810 | 0.620 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHS

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HSPGC | 6 | 0.790 | 0.030 | 0.780 | 0.560 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPHC | 6 | 0.140 | 0.000 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPVC | 6 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQGC | 6 | 1.090 | 0.080 | 0.840 | 0.690 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQVC | 6 | 1.120 | 0.080 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRGC | 6 | 0.940 | 0.050 | 0.820 | 0.630 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRVC | 6 | 0.940 | 0.050 | 0.810 | 0.610 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSBGC | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSDHC | 7 | 0.400 | 0.000 | 0.490 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCGC | 7 | 0.920 | 0.050 | 0.810 | 0.630 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCHC | 7 | 0.200 | 0.000 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSKGC | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSKHC | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSKVC | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSMVC | 7 | 2.860 | 0.600 | 0.940 | 0.880 | 0.700 | 0.440 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPGC | 7 | 1.070 | 0.070 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPHC | 7 | 0.220 | 0.000 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPVC | 7 | 1.060 | 0.070 | 0.830 | 0.660 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQGC | 7 | 1.390 | 0.140 | 0.880 | 0.760 | 0.440 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQVC | 7 | 1.420 | 0.140 | 0.880 | 0.750 | 0.430 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRGC | 7 | 1.890 | 0.260 | 0.910 | 0.820 | 0.560 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRVC | 7 | 1.850 | 0.250 | 0.910 | 0.810 | 0.530 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSSVC | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSBGC | 8 | 0.250 | 0.000 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSDHC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCGC | 8 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCHC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSMVC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPGC | 8 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPHC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPVC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQGC | 8 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQVC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRGC | 8 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRVC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSBGC | 9 | 0.250 | 0.000 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSDHC | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCGC | 9 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHS

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HSCHC 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSMVC 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPGC 9 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPHC 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPVC 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQGC 9 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQVC 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRGC 9 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRVC 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSBGC 10 | 0.250 | 0.000 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSDHC 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCGC 10 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCHC 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSMVC 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPGC 10 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPHC 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPVC 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQGC 10 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQVC 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRGC 10 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRVC 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSDHC 11 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCGC 11 | 0.370 | 0.000 | 0.520 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCHC 11 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSMVC 11 | 1.640 | 0.190 | 0.890 | 0.790 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPGC 11 | 0.790 | 0.030 | 0.780 | 0.560 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPHC 11 | 0.140 | 0.000 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPVC 11 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQGC 11 | 1.090 | 0.080 | 0.840 | 0.690 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQVC 11 | 1.120 | 0.080 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRGC 11 | 1.360 | 0.130 | 0.880 | 0.750 | 0.430 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRVC 11 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSDHC 12 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCGC 12 | 0.370 | 0.000 | 0.520 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCHC 12 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSMVC 12 | 1.650 | 0.200 | 0.890 | 0.790 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPGC 12 | 0.790 | 0.030 | 0.780 | 0.560 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPHC 12 | 0.140 | 0.000 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHS

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HSPVC 12 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQGC 12 | 1.090 | 0.080 | 0.840 | 0.690 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQVC 12 | 1.120 | 0.080 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRGC 12 | 1.350 | 0.130 | 0.870 | 0.750 | 0.430 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRVC 12 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHS

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HSBGC | 1 | 0.830 | 0.020 | 0.750 | 0.500 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSDHC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCGC | 1 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCHC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSKGC | 1 | 1.060 | 0.040 | 0.810 | 0.610 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSKHC | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSKVC | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSMVC | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPGC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPHC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQGC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRGC | 1 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRVC | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSSVC | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSBGF | 2 | 2.670 | 0.290 | 0.930 | 0.860 | 0.640 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSDHF | 2 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCGF | 2 | 0.160 | 0.000 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCHF | 2 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSKGF | 2 | 7.780 | 2.110 | 0.970 | 0.950 | 0.870 | 0.750 | 0.500 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSKHF | 2 | 1.500 | 0.090 | 0.830 | 0.660 | 0.380 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSKVF | 2 | 6.060 | 1.340 | 0.970 | 0.940 | 0.840 | 0.680 | 0.430 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSMVF | 2 | 0.350 | 0.000 | 0.450 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPGF | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPHF | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPVF | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQGF | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQVF | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRGF | 2 | 0.480 | 0.000 | 0.580 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRVF | 2 | 0.340 | 0.000 | 0.440 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSSVF | 2 | 5.510 | 1.130 | 0.960 | 0.930 | 0.820 | 0.650 | 0.390 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSBGC | 3 | 0.830 | 0.020 | 0.750 | 0.500 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSDHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCGC | 3 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSMVC | 3 | 1.150 | 0.050 | 0.820 | 0.640 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPGC | 3 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHS

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HSPHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPVC | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQGC | 3 | 0.250 | 0.000 | 0.330 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQVC | 3 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRVC | 3 | 0.280 | 0.000 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSSVC | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSBGC | 4 | 0.830 | 0.020 | 0.750 | 0.500 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSDHC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCGC | 4 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCHC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSKGC | 4 | 1.060 | 0.040 | 0.810 | 0.610 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSKHC | 4 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSKVC | 4 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSMVC | 4 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPGC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPHC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPVC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQGC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQVC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRGC | 4 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRVC | 4 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSSVC | 4 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSDHC | 5 | 0.300 | 0.000 | 0.390 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCGC | 5 | 1.120 | 0.050 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCHC | 5 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSMVC | 5 | 6.370 | 1.470 | 0.970 | 0.940 | 0.860 | 0.710 | 0.460 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPGC | 5 | 2.080 | 0.180 | 0.920 | 0.830 | 0.580 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPHC | 5 | 0.450 | 0.000 | 0.480 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPVC | 5 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQGC | 5 | 3.530 | 0.500 | 0.950 | 0.900 | 0.750 | 0.500 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQVC | 5 | 3.490 | 0.490 | 0.950 | 0.900 | 0.750 | 0.490 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRGC | 5 | 3.970 | 0.620 | 0.960 | 0.910 | 0.780 | 0.560 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRVC | 5 | 4.500 | 0.780 | 0.960 | 0.920 | 0.800 | 0.600 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSDHC | 6 | 0.300 | 0.000 | 0.390 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCGC | 6 | 1.120 | 0.050 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCHC | 6 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSMVC | 6 | 2.910 | 0.350 | 0.940 | 0.880 | 0.700 | 0.440 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHS

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HSPGC | 6 | 2.500 | 0.260 | 0.930 | 0.860 | 0.650 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPHC | 6 | 0.460 | 0.000 | 0.480 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPVC | 6 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQGC | 6 | 3.530 | 0.500 | 0.950 | 0.900 | 0.750 | 0.500 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQVC | 6 | 3.490 | 0.490 | 0.950 | 0.900 | 0.750 | 0.490 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRGC | 6 | 3.000 | 0.370 | 0.940 | 0.880 | 0.710 | 0.450 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRVC | 6 | 2.840 | 0.330 | 0.940 | 0.880 | 0.690 | 0.430 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSBGC | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSDHC | 7 | 1.470 | 0.090 | 0.830 | 0.650 | 0.380 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCGC | 7 | 2.940 | 0.350 | 0.940 | 0.880 | 0.700 | 0.450 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCHC | 7 | 0.670 | 0.010 | 0.610 | 0.410 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSKGC | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSKHC | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSKVC | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSMVC | 7 | 10.380 | 3.550 | 0.980 | 0.960 | 0.910 | 0.820 | 0.640 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPGC | 7 | 3.480 | 0.480 | 0.950 | 0.900 | 0.750 | 0.500 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPHC | 7 | 0.750 | 0.020 | 0.650 | 0.440 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPVC | 7 | 3.270 | 0.430 | 0.950 | 0.890 | 0.730 | 0.480 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQGC | 7 | 4.630 | 0.820 | 0.960 | 0.920 | 0.810 | 0.620 | 0.350 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQVC | 7 | 4.560 | 0.800 | 0.960 | 0.920 | 0.800 | 0.610 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRGC | 7 | 6.510 | 1.520 | 0.970 | 0.940 | 0.860 | 0.720 | 0.470 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRVC | 7 | 6.190 | 1.390 | 0.970 | 0.940 | 0.850 | 0.700 | 0.450 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSSVC | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSBGC | 8 | 0.830 | 0.020 | 0.750 | 0.500 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSDHC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCGC | 8 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCHC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSMVC | 8 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPGC | 8 | 0.250 | 0.000 | 0.330 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPHC | 8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPVC | 8 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQGC | 8 | 0.250 | 0.000 | 0.330 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQVC | 8 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRGC | 8 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRVC | 8 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSBGC | 9 | 0.830 | 0.020 | 0.750 | 0.500 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSDHC | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCGC | 9 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHS

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HSCHC 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSMVC 9 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPGC 9 | 0.250 | 0.000 | 0.330 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPHC 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPVC 9 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQGC 9 | 0.160 | 0.000 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQVC 9 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRGC 9 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRVC 9 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSBGC 10 | 0.830 | 0.020 | 0.750 | 0.500 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSDHC 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCGC 10 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCHC 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSMVC 10 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPGC 10 | 0.250 | 0.000 | 0.330 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPHC 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPVC 10 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQGC 10 | 0.250 | 0.000 | 0.330 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQVC 10 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRGC 10 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRVC 10 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSDHC 11 | 0.300 | 0.000 | 0.390 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCGC 11 | 1.120 | 0.050 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCHC 11 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSMVC 11 | 5.390 | 1.080 | 0.970 | 0.930 | 0.830 | 0.660 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPGC 11 | 2.500 | 0.260 | 0.930 | 0.860 | 0.650 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPHC 11 | 0.460 | 0.000 | 0.480 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPVC 11 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQGC 11 | 3.530 | 0.500 | 0.950 | 0.900 | 0.750 | 0.500 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQVC 11 | 3.490 | 0.490 | 0.950 | 0.900 | 0.750 | 0.490 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRGC 11 | 4.530 | 0.790 | 0.960 | 0.920 | 0.800 | 0.610 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRVC 11 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSDHC 12 | 0.300 | 0.000 | 0.390 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCGC 12 | 1.120 | 0.050 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSCHC 12 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSMVC 12 | 5.440 | 1.100 | 0.970 | 0.930 | 0.830 | 0.670 | 0.410 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPGC 12 | 2.500 | 0.260 | 0.930 | 0.860 | 0.650 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSPHC 12 | 0.460 | 0.000 | 0.480 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

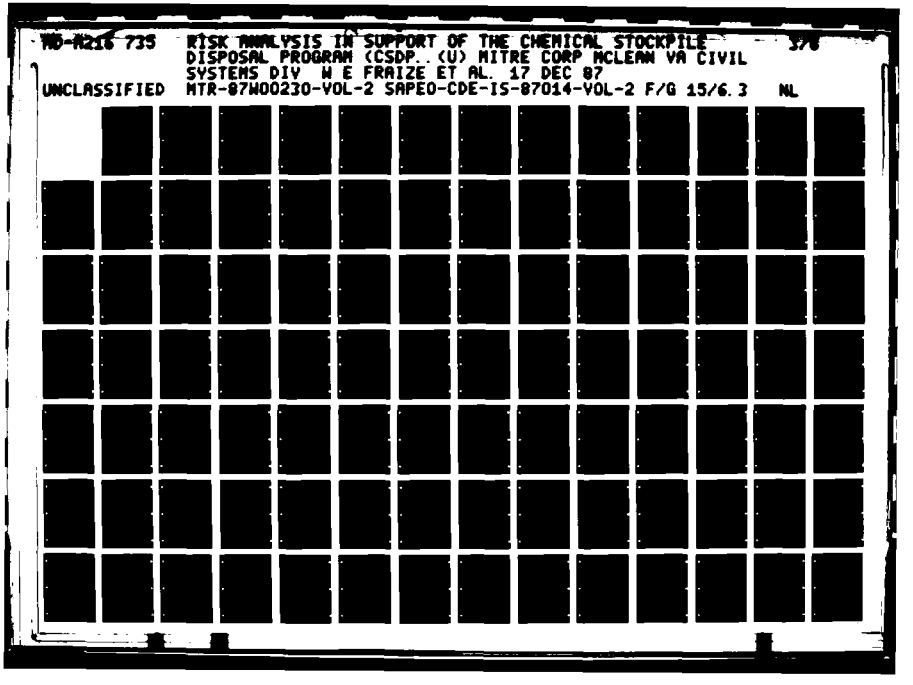
Report for file CNSHS

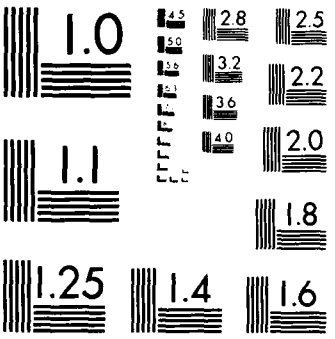
CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HSPVC 12 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQGC 12 | 3.530 | 0.500 | 0.950 | 0.900 | 0.750 | 0.500 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSQVC 12 | 3.490 | 0.490 | 0.950 | 0.900 | 0.750 | 0.490 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRGC 12 | 4.500 | 0.780 | 0.960 | 0.920 | 0.800 | 0.610 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HSRVC 12 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

# ACTIVITY CODE: HW

# HANDLING DUE TO WATER MODE


AD-A216 735
RISK ANALYSIS IN SUPPORT OF THE CHEMICAL STOCKPILE
DISPOSAL PROGRAM (CSDP. (U) MITRE CORP MCLEAN VA CIVIL
SYSTEMS DIV W E FRAIZE ET AL. 17 DEC 87
UNCLASSIFIED MTR-87W00230-VOL-2 SAPEO-CDE-IS-87014-VOL-2 F/G 15/6.3
NL




MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963-A

Report for file CNSHW

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MWKHS | 1 | 3.230 | 0.000 | 0.000 | 1.057 | 1.028 | 1.057 | 1.028 | 60 | ON | 0.140 | 0.430 | 0.110 | 0.340 | 0.030 | 0.080 |
| MWKHS | 2 | 0.000 | 0.000 | 1.929 | 0.000 | 0.000 | 1.929 | 1.929 | 10 | ON | 0.410 | 1.500 | 0.330 | 1.160 | 0.100 | 0.290 |
| MWKHS | 4 | 3.230 | 0.000 | 0.000 | 1.057 | 1.028 | 1.057 | 1.028 | 60 | ON | 0.140 | 0.430 | 0.110 | 0.340 | 0.030 | 0.080 |
| MWKHS | 5 | 3.230 | 0.000 | 0.000 | 1.057 | 1.028 | 1.057 | 1.028 | 60 | ON | 0.140 | 0.430 | 0.110 | 0.340 | 0.030 | 0.080 |
| MWKHS | 6 | 0.000 | 0.000 | 1.929 | 0.000 | 0.000 | 1.929 | 1.929 | 60 | ON | 0.410 | 1.500 | 0.330 | 1.160 | 0.100 | 0.290 |
| MWKHS | 7 | 3.230 | 0.000 | 0.000 | 1.057 | 1.028 | 1.057 | 1.028 | 60 | ON | 0.140 | 0.430 | 0.110 | 0.340 | 0.030 | 0.080 |
| MWKHS | 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| MWKHS | 34 | 0.000 | 0.000 | 0.041 | 0.000 | 0.000 | 0.041 | 0.041 | 60 | ON | 0.040 | 0.110 | 0.030 | 0.090 | 0.010 | 0.020 |

Report for file CNSHW

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HWKHS 1 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HWKHS 2 | 0.41 | 1.50 | 0.00 | 0.07 | 0.00 | 2.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| HWKHS 4 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HWKHS 5 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HWKHS 6 | 0.41 | 1.50 | 0.00 | 0.07 | 0.00 | 2.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| HWKHS 7 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HWKHS 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HWKHS 34 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSHW

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MWKHS 1 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MWKHS 2 | 0.41 | 1.50 | 0.00 | 0.41 | 0.00 | 83.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.16 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| MWKHS 4 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MWKHS 5 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MWKHS 6 | 0.41 | 1.50 | 0.00 | 0.41 | 0.00 | 83.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.16 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| MWKHS 7 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MWKHS 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MWKHS 34 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CN$HW

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HWKHS 1 | 0.140 | 0.000 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HWKHS 2 | 0.410 | 0.000 | 0.490 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HWKHS 4 | 0.140 | 0.000 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HWKHS 5 | 0.140 | 0.000 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HWKHS 6 | 0.410 | 0.000 | 0.490 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HWKHS 7 | 0.140 | 0.000 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HWKHS 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HWKHS 34 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSHW

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HWKHS 1 | 0.430 | 0.000 | 0.470 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HWKHS 2 | 1.500 | 0.090 | 0.830 | 0.660 | 0.380 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HWKHS 4 | 0.430 | 0.000 | 0.470 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HWKHS 5 | 0.430 | 0.000 | 0.470 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HWKHS 6 | 1.500 | 0.090 | 0.830 | 0.660 | 0.380 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HWKHS 7 | 0.430 | 0.000 | 0.470 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HWKHS 26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| HWKHS 34 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

# ACTIVITY CODE: PO

# PLANT OPERATIONS

Report for file CNSPO

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POBGC | 1 | 0.000 | 0.000 | -0.276 | 0.000 | 0.000 | -0.276 | -0.276 | 120 | ON | 0.080 | 0.240 | 0.060 | 0.170 | 0.020 | 0.060 |
| PODHC | 1 | 0.000 | 0.000 | -1.620 | 0.000 | 0.000 | -1.620 | -1.620 | 120 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| POCGC | 1 | 0.000 | 0.000 | -0.276 | 0.000 | 0.000 | -0.276 | -0.276 | 120 | ON | 0.080 | 0.240 | 0.060 | 0.170 | 0.020 | 0.060 |
| POCHC | 1 | 0.000 | 0.000 | -1.620 | 0.000 | 0.000 | -1.620 | -1.620 | 120 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| POKGC | 1 | 0.000 | 0.000 | 0.204 | 0.000 | 0.000 | 0.204 | 0.204 | 120 | ON | 0.150 | 0.460 | 0.110 | 0.340 | 0.040 | 0.110 |
| POKHC | 1 | 0.000 | 0.000 | -0.523 | 0.000 | 0.000 | -0.523 | -0.523 | 120 | ON | 0.020 | 0.050 | 0.010 | 0.040 | 0.000 | 0.010 |
| POKVC | 1 | 0.000 | 0.000 | -3.523 | 0.000 | 0.000 | -3.523 | -3.523 | 120 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| POMVC | 1 | 0.000 | 0.000 | -3.699 | 0.000 | 0.000 | -3.699 | -3.699 | 120 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| POPGC | 1 | 0.000 | 0.000 | -0.276 | 0.000 | 0.000 | -0.276 | -0.276 | 120 | ON | 0.080 | 0.240 | 0.060 | 0.170 | 0.020 | 0.060 |
| POPHC | 1 | 0.000 | 0.000 | -1.620 | 0.000 | 0.000 | -1.620 | -1.620 | 120 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| POPVC | 1 | 0.000 | 0.000 | -3.699 | 0.000 | 0.000 | -3.699 | -3.699 | 120 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| POQGC | 1 | 0.000 | 0.000 | -0.276 | 0.000 | 0.000 | -0.276 | -0.276 | 120 | ON | 0.080 | 0.240 | 0.060 | 0.170 | 0.020 | 0.060 |
| POQVC | 1 | 0.000 | 0.000 | -3.699 | 0.000 | 0.000 | -3.699 | -3.699 | 120 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| PORGC | 1 | 0.000 | 0.000 | -0.276 | 0.000 | 0.000 | -0.276 | -0.276 | 120 | ON | 0.080 | 0.240 | 0.060 | 0.170 | 0.020 | 0.060 |
| PORVC | 1 | 0.000 | 0.000 | -3.699 | 0.000 | 0.000 | -3.699 | -3.699 | 120 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| POSVC | 1 | 0.000 | 0.000 | -3.523 | 0.000 | 0.000 | -3.523 | -3.523 | 120 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| PODHC | 2 | 0.000 | 0.778 | -2.097 | 0.000 | 0.000 | 0.779 | 0.779 | 120 | ON | 0.100 | 0.300 | 0.080 | 0.240 | 0.020 | 0.060 |
| POCGC | 2 | 0.000 | 0.204 | -0.796 | 0.000 | 0.000 | 0.245 | 0.245 | 120 | ON | 0.330 | 1.010 | 0.260 | 0.780 | 0.090 | 0.280 |
| POCHC | 2 | 0.000 | 0.505 | -2.398 | 0.000 | 0.000 | 0.506 | 0.506 | 120 | ON | 0.070 | 0.210 | 0.050 | 0.170 | 0.020 | 0.040 |
| POMVC | 2 | 0.000 | 1.498 | -0.587 | 0.000 | 0.000 | 1.502 | 1.502 | 120 | ON | 1.650 | 5.410 | 1.250 | 4.080 | 0.470 | 1.490 |
| POPGC | 2 | 0.000 | 0.813 | -2.301 | 0.000 | 0.000 | 0.813 | 0.813 | 120 | ON | 0.660 | 2.060 | 0.520 | 1.580 | 0.190 | 0.590 |
| POPHC | 2 | 0.000 | 1.068 | -4.398 | 0.000 | 0.000 | 1.068 | 1.068 | 120 | ON | 0.140 | 0.450 | 0.110 | 0.360 | 0.030 | 0.090 |
| POPVC | 2 | 0.000 | 0.778 | -0.359 | 0.000 | 0.000 | 0.809 | 0.809 | 120 | ON | 0.750 | 2.220 | 0.570 | 1.690 | 0.200 | 0.630 |
| POQGC | 2 | 0.000 | 1.161 | -4.301 | 0.000 | 0.000 | 1.161 | 1.161 | 120 | ON | 0.990 | 3.200 | 0.780 | 2.450 | 0.290 | 0.910 |
| POQVC | 2 | 0.000 | 1.161 | -0.115 | 0.000 | 0.000 | 1.183 | 1.183 | 120 | ON | 1.150 | 3.590 | 0.880 | 2.720 | 0.320 | 1.010 |
| PORGC | 2 | 0.000 | 1.330 | -4.222 | 0.000 | 0.000 | 1.330 | 1.330 | 120 | ON | 1.210 | 3.970 | 0.950 | 3.040 | 0.360 | 1.130 |
| PORVC | 2 | 0.000 | 1.301 | 0.000 | 0.000 | 0.000 | 1.301 | 1.301 | 120 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| POBGC | 3 | 0.000 | 0.000 | -0.276 | 0.000 | 0.000 | -0.276 | -0.276 | 60 | ON | 0.080 | 0.240 | 0.060 | 0.170 | 0.020 | 0.060 |
| PODHC | 3 | 0.000 | 0.000 | -1.620 | 0.000 | 0.000 | -1.620 | -1.620 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| POCGC | 3 | 0.000 | 0.000 | -0.276 | 0.000 | 0.000 | -0.276 | -0.276 | 60 | ON | 0.080 | 0.240 | 0.060 | 0.170 | 0.020 | 0.060 |
| POCHC | 3 | 0.000 | 0.000 | -1.620 | 0.000 | 0.000 | -1.620 | -1.620 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| POKGC | 3 | 0.000 | 0.000 | 0.158 | 0.000 | 0.000 | 0.158 | 0.158 | 60 | ON | 0.140 | 0.430 | 0.100 | 0.320 | 0.040 | 0.100 |
| POKHC | 3 | 0.000 | 0.000 | -1.155 | 0.000 | 0.000 | -1.155 | -1.155 | 60 | ON | 0.010 | 0.020 | 0.010 | 0.010 | 0.000 | 0.000 |
| POKVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC | 3 | 0.000 | 0.000 | -3.699 | 0.000 | 0.000 | -3.699 | -3.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| POPGC | 3 | 0.000 | 0.000 | -0.276 | 0.000 | 0.000 | -0.276 | -0.276 | 60 | ON | 0.080 | 0.240 | 0.060 | 0.170 | 0.020 | 0.060 |
| POPHC | 3 | 0.000 | 0.000 | -1.620 | 0.000 | 0.000 | -1.620 | -1.620 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| POPVC | 3 | 0.000 | 0.000 | -3.699 | 0.000 | 0.000 | -3.699 | -3.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| POQGC | 3 | 0.000 | 0.000 | -0.276 | 0.000 | 0.000 | -0.276 | -0.276 | 60 | ON | 0.080 | 0.240 | 0.060 | 0.170 | 0.020 | 0.060 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POQVC | 3 | 0.000 | 0.000 | -3.699 | 0.000 | 0.000 | -3.699 | -3.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| PORGC | 3 | 0.000 | 0.000 | -0.276 | 0.000 | 0.000 | -0.276 | -0.276 | 60 | ON | 0.080 | 0.240 | 0.060 | 0.170 | 0.020 | 0.060 |
| PORVC | 3 | 0.000 | 0.000 | -3.699 | 0.000 | 0.000 | -3.699 | -3.699 | 60 | ON | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| POSVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC | 4 | 0.000 | 0.778 | 0.000 | 0.000 | 0.000 | 0.778 | 0.778 | 120 | ON | 0.100 | 0.300 | 0.080 | 0.240 | 0.020 | 0.060 |
| POCGC | 4 | 0.000 | 0.204 | -0.879 | 0.000 | 0.000 | 0.238 | 0.238 | 120 | ON | 0.330 | 1.000 | 0.260 | 0.770 | 0.090 | 0.280 |
| POCHC | 4 | 0.000 | 0.505 | 0.000 | 0.000 | 0.000 | 0.505 | 0.505 | 120 | ON | 0.070 | 0.210 | 0.050 | 0.170 | 0.020 | 0.040 |
| POMVC | 4 | 0.000 | 1.498 | 0.000 | 0.000 | 0.000 | 1.498 | 1.498 | 120 | ON | 1.640 | 5.390 | 1.250 | 4.060 | 0.470 | 1.480 |
| POPGC | 4 | 0.000 | 0.813 | -0.636 | 0.000 | 0.000 | 0.828 | 0.828 | 120 | ON | 0.670 | 2.100 | 0.530 | 1.610 | 0.190 | 0.600 |
| POPHC | 4 | 0.000 | 1.068 | 0.000 | 0.000 | 0.000 | 1.068 | 1.068 | 120 | ON | 0.140 | 0.450 | 0.110 | 0.360 | 0.030 | 0.090 |
| POPVC | 4 | 0.000 | 0.778 | 0.000 | 0.000 | 0.000 | 0.778 | 0.778 | 120 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| POQGC | 4 | 0.000 | 1.161 | -0.387 | 0.000 | 0.000 | 1.173 | 1.173 | 120 | ON | 1.010 | 3.250 | 0.790 | 2.490 | 0.290 | 0.930 |
| POQVC | 4 | 0.000 | 1.161 | 0.000 | 0.000 | 0.000 | 1.161 | 1.161 | 120 | ON | 1.120 | 3.490 | 0.850 | 2.640 | 0.310 | 0.980 |
| PORGC | 4 | 0.000 | 1.330 | -0.143 | 0.000 | 0.000 | 1.344 | 1.344 | 120 | ON | 1.230 | 4.040 | 0.960 | 3.090 | 0.360 | 1.150 |
| PORVC | 4 | 0.000 | 1.301 | 0.000 | 0.000 | 0.000 | 1.301 | 1.301 | 120 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| POAGS | 5 | 2.739 | 0.000 | 0.000 | 2.042 | 1.919 | 2.042 | 1.919 | 60 | ON | 1.400 | 4.900 | 1.060 | 3.610 | 0.390 | 1.150 |
| POAHS | 5 | 2.805 | 0.000 | 0.000 | 0.675 | 0.646 | 0.675 | 0.646 | 60 | ON | 0.080 | 0.250 | 0.070 | 0.200 | 0.020 | 0.050 |
| POAVS | 5 | 2.705 | 0.000 | 0.000 | -1.625 | -1.491 | -1.625 | -1.491 | 60 | ON | 0.020 | 0.090 | 0.020 | 0.060 | 0.010 | 0.010 |
| POBGF | 6 | 0.000 | 0.000 | 2.848 | 0.000 | 0.000 | 2.848 | 2.848 | 60 | ON | 3.620 | 17.040 | 2.720 | 12.530 | 1.050 | 3.920 |
| PODHC | 6 | 0.000 | 3.061 | 2.238 | 0.000 | 0.000 | 3.122 | 3.122 | 20 | ON | 1.710 | 7.740 | 1.380 | 5.790 | 0.430 | 1.550 |
| POCGC | 6 | 0.000 | 2.186 | 1.664 | 0.000 | 0.000 | 2.300 | 2.300 | 20 | ON | 3.630 | 13.660 | 2.790 | 10.230 | 1.110 | 3.630 |
| POCHC | 6 | 0.000 | 2.487 | 1.664 | 0.000 | 0.000 | 2.548 | 2.548 | 20 | ON | 0.860 | 3.510 | 0.700 | 2.660 | 0.210 | 0.690 |
| POKGF | 6 | 0.000 | 0.000 | 3.380 | 0.000 | 0.000 | 3.380 | 3.380 | 60 | ON | 6.730 | 33.930 | 5.010 | 25.100 | 2.000 | 7.880 |
| POKHF | 6 | 0.000 | 0.000 | 3.134 | 0.000 | 0.000 | 3.134 | 3.134 | 60 | ON | 1.730 | 7.870 | 1.400 | 5.890 | 0.440 | 1.580 |
| POKVF | 6 | 0.000 | 0.000 | 2.806 | 0.000 | 0.000 | 2.806 | 2.806 | 60 | ON | 5.300 | 27.220 | 3.920 | 19.760 | 1.510 | 6.260 |
| POMVC | 6 | 0.000 | 3.180 | 2.055 | 0.000 | 0.000 | 3.211 | 3.211 | 20 | ON | 10.230 | 47.090 | 7.740 | 34.520 | 3.280 | 11.530 |
| POPGC | 6 | 0.000 | 2.318 | 1.795 | 0.000 | 0.000 | 2.432 | 2.432 | 20 | ON | 4.190 | 16.140 | 3.220 | 12.050 | 1.290 | 4.250 |
| POPHC | 6 | 0.000 | 2.573 | 1.749 | 0.000 | 0.000 | 2.634 | 2.634 | 20 | ON | 0.950 | 3.950 | 0.770 | 2.990 | 0.230 | 0.780 |
| POPVC | 6 | 0.000 | 2.283 | 1.158 | 0.000 | 0.000 | 2.314 | 2.314 | 20 | ON | 3.980 | 15.400 | 3.040 | 11.420 | 1.200 | 3.960 |
| POQGC | 6 | 0.000 | 2.542 | 2.019 | 0.000 | 0.000 | 2.656 | 2.656 | 20 | ON | 5.330 | 21.390 | 4.090 | 15.900 | 1.660 | 5.550 |
| POQVC | 6 | 0.000 | 2.542 | 1.417 | 0.000 | 0.000 | 2.573 | 2.573 | 20 | ON | 5.240 | 21.380 | 3.990 | 15.780 | 1.610 | 5.390 |
| PORGC | 6 | 0.000 | 2.808 | 2.285 | 0.000 | 0.000 | 2.922 | 2.922 | 20 | ON | 7.070 | 29.790 | 5.400 | 22.060 | 2.240 | 7.620 |
| PORVC | 6 | 0.000 | 2.778 | 1.653 | 0.000 | 0.000 | 2.809 | 2.809 | 20 | ON | 6.710 | 28.740 | 5.110 | 21.130 | 2.100 | 7.140 |
| POSVF | 6 | 0.000 | 0.000 | 2.734 | 0.000 | 0.000 | 2.734 | 2.734 | 60 | ON | 4.880 | 24.770 | 3.610 | 17.970 | 1.390 | 5.690 |
| POBGF | 7 | 0.000 | 0.000 | 2.422 | 0.000 | 0.000 | 2.422 | 2.422 | 60 | ON | 2.190 | 9.680 | 1.660 | 7.110 | 0.620 | 2.240 |
| PODHC | 7 | 0.000 | 2.635 | 1.812 | 0.000 | 0.000 | 2.696 | 2.696 | 20 | ON | 1.030 | 4.300 | 0.830 | 3.250 | 0.250 | 0.850 |
| POCGC | 7 | 0.000 | 1.760 | 1.238 | 0.000 | 0.000 | 1.874 | 1.874 | 20 | ON | 2.260 | 7.950 | 1.750 | 6.010 | 0.680 | 2.180 |
| POCHC | 7 | 0.000 | 2.061 | 1.238 | 0.000 | 0.000 | 2.122 | 2.122 | 20 | ON | 0.510 | 1.950 | 0.410 | 1.500 | 0.120 | 0.380 |
| POKGF | 7 | 0.000 | 0.000 | 2.954 | 0.000 | 0.000 | 2.954 | 2.954 | 60 | ON | 4.100 | 19.580 | 3.080 | 14.400 | 1.200 | 4.500 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POKHF 7 | 0.000 | 0.000 | 2.708 | 0.000 | 0.000 | 2.708 | 2.708 | 60 | ON | 1.040 | 4.370 | 0.840 | 3.300 | 0.260 | 0.870 |
| POKVF 7 | 0.000 | 0.000 | 2.380 | 0.000 | 0.000 | 2.380 | 2.380 | 60 | ON | 3.230 | 15.460 | 2.410 | 11.200 | 0.910 | 3.560 |
| POMVC 7 | 0.000 | 2.754 | 1.629 | 0.000 | 0.000 | 2.785 | 2.785 | 20 | ON | 6.550 | 27.890 | 4.990 | 20.520 | 2.050 | 6.930 |
| POPGC 7 | 0.000 | 1.892 | 1.369 | 0.000 | 0.000 | 2.006 | 2.006 | 20 | ON | 2.620 | 9.400 | 2.030 | 7.090 | 0.790 | 2.560 |
| POPHC 7 | 0.000 | 2.147 | 1.323 | 0.000 | 0.000 | 2.208 | 2.208 | 20 | ON | 0.570 | 2.200 | 0.460 | 1.680 | 0.140 | 0.430 |
| POPVC 7 | 0.000 | 1.857 | 0.732 | 0.000 | 0.000 | 1.888 | 1.888 | 20 | ON | 2.520 | 8.920 | 1.920 | 6.670 | 0.740 | 2.380 |
| POQGC 7 | 0.000 | 2.116 | 1.593 | 0.000 | 0.000 | 2.230 | 2.230 | 20 | ON | 3.360 | 12.500 | 2.590 | 9.370 | 1.020 | 3.340 |
| POQVC 7 | 0.000 | 2.116 | 0.991 | 0.000 | 0.000 | 2.147 | 2.147 | 20 | ON | 3.330 | 12.440 | 2.540 | 9.260 | 0.990 | 3.250 |
| PORGC 7 | 0.000 | 2.382 | 1.859 | 0.000 | 0.000 | 2.496 | 2.496 | 20 | ON | 4.490 | 17.490 | 3.450 | 13.040 | 1.390 | 4.590 |
| PORVC 7 | 0.000 | 2.352 | 1.227 | 0.000 | 0.000 | 2.383 | 2.383 | 20 | ON | 4.280 | 16.810 | 3.270 | 12.450 | 1.300 | 4.300 |
| POSVF 7 | 0.000 | 0.000 | 2.308 | 0.000 | 0.000 | 2.308 | 2.308 | 60 | ON | 2.970 | 14.020 | 2.210 | 10.160 | 0.830 | 3.240 |
| POAGF A07 | 0.000 | 0.000 | 0.214 | 0.000 | 0.000 | 0.214 | 0.214 | 60 | ON | 0.150 | 0.470 | 0.110 | 0.350 | 0.040 | 0.110 |
| POAHF A07 | 0.000 | 0.000 | -0.021 | 0.000 | 0.000 | -0.021 | -0.021 | 60 | ON | 0.040 | 0.100 | 0.030 | 0.080 | 0.010 | 0.020 |
| POAVF A07 | 0.000 | 0.000 | -0.423 | 0.000 | 0.000 | -0.423 | -0.423 | 60 | ON | 0.110 | 0.330 | 0.080 | 0.240 | 0.030 | 0.070 |
| POAGF 8 | 0.000 | 0.000 | 1.739 | 0.000 | 0.000 | 1.739 | 1.739 | 10 | ON | 1.240 | 4.450 | 0.950 | 3.340 | 0.350 | 1.150 |
| POAHF 8 | 0.000 | 0.000 | 1.504 | 0.000 | 0.000 | 1.504 | 1.504 | 10 | ON | 0.240 | 0.830 | 0.190 | 0.650 | 0.060 | 0.160 |
| POAVF 8 | 0.000 | 0.000 | 1.103 | 0.000 | 0.000 | 1.103 | 1.103 | 10 | ON | 0.920 | 3.130 | 0.700 | 2.330 | 0.250 | 0.820 |
| POBGS 9 | 3.325 | 0.000 | 0.000 | 3.325 | 3.224 | 3.325 | 3.224 | 360 | ON | 6.310 | 23.930 | 4.710 | 17.520 | 1.880 | 5.040 |
| PODHC 9 | 3.061 | 2.362 | 0.000 | 1.683 | 1.654 | 2.445 | 2.440 | 360 | ON | 0.760 | 3.020 | 0.610 | 2.300 | 0.180 | 0.590 |
| POCGC 9 | 2.186 | 1.487 | 0.000 | 2.186 | 2.186 | 2.265 | 2.265 | 360 | ON | 3.490 | 13.070 | 2.690 | 9.790 | 1.070 | 3.480 |
| POCHC 9 | 2.487 | 1.788 | 0.000 | 1.167 | 1.138 | 1.881 | 1.876 | 360 | ON | 0.380 | 1.390 | 0.310 | 1.080 | 0.090 | 0.270 |
| POKGS 9 | 3.857 | 0.000 | 0.000 | 3.827 | 3.703 | 3.827 | 3.703 | 360 | ON | 8.410 | 45.490 | 6.500 | 33.700 | 2.610 | 9.730 |
| POKHS 9 | 3.912 | 0.000 | 0.000 | 2.449 | 2.420 | 2.449 | 2.420 | 360 | ON | 0.760 | 2.940 | 0.620 | 2.240 | 0.190 | 0.580 |
| POKVS 9 | 3.885 | 0.000 | 0.000 | 0.215 | 0.349 | 0.215 | 0.349 | 360 | ON | 0.190 | 0.680 | 0.140 | 0.490 | 0.050 | 0.160 |
| POMVC 9 | 3.384 | 2.481 | 0.000 | -0.236 | -0.102 | 2.482 | 2.482 | 360 | ON | 4.750 | 19.050 | 3.630 | 14.080 | 1.450 | 4.840 |
| POPGC 9 | 2.318 | 1.619 | 0.000 | 2.318 | 2.318 | 2.397 | 2.397 | 360 | ON | 4.030 | 15.450 | 3.100 | 11.540 | 1.240 | 4.080 |
| POPHC 9 | 2.573 | 1.874 | 0.000 | 1.244 | 1.216 | 1.965 | 1.960 | 360 | ON | 0.420 | 1.560 | 0.340 | 1.210 | 0.100 | 0.300 |
| POPVC 9 | 2.283 | 1.584 | 0.000 | -1.227 | -1.092 | 1.585 | 1.585 | 360 | ON | 1.810 | 6.030 | 1.380 | 4.540 | 0.520 | 1.650 |
| POQGC 9 | 2.542 | 1.843 | 0.000 | 2.542 | 2.520 | 2.621 | 2.603 | 360 | ON | 5.140 | 20.010 | 3.940 | 14.890 | 1.600 | 5.210 |
| POQVC 9 | 2.542 | 1.843 | 0.000 | -0.994 | -0.859 | 1.844 | 1.844 | 360 | ON | 2.400 | 8.420 | 1.830 | 6.310 | 0.700 | 2.260 |
| PORGC 9 | 3.012 | 2.109 | 0.000 | 3.012 | 2.942 | 3.063 | 3.002 | 360 | ON | 8.190 | 32.890 | 6.250 | 24.340 | 2.630 | 8.380 |
| PORVC 9 | 2.982 | 2.079 | 0.000 | -0.598 | -0.464 | 2.080 | 2.080 | 360 | ON | 3.090 | 11.410 | 2.360 | 8.500 | 0.920 | 3.000 |
| POSVS 9 | 3.813 | 0.000 | 0.000 | 0.150 | 0.284 | 0.150 | 0.284 | 360 | ON | 0.170 | 0.620 | 0.130 | 0.450 | 0.040 | 0.150 |
| POBGF 10 | 0.000 | 0.000 | 2.848 | 0.000 | 0.000 | 2.848 | 2.848 | 60 | ON | 3.620 | 17.040 | 2.720 | 12.530 | 1.050 | 3.920 |
| PODHC 10 | 0.000 | 3.061 | 2.238 | 0.000 | 0.000 | 3.122 | 3.122 | 20 | ON | 1.710 | 7.740 | 1.380 | 5.790 | 0.430 | 1.550 |
| POCGC 10 | 0.000 | 2.186 | 1.664 | 0.000 | 0.000 | 2.300 | 2.300 | 20 | ON | 3.630 | 13.660 | 2.790 | 10.230 | 1.110 | 3.630 |
| POCHC 10 | 0.000 | 2.487 | 1.664 | 0.000 | 0.000 | 2.548 | 2.548 | 20 | ON | 0.860 | 3.510 | 0.700 | 2.660 | 0.210 | 0.690 |
| POKGF 10 | 0.000 | 0.000 | 3.380 | 0.000 | 0.000 | 3.380 | 3.380 | 60 | ON | 6.730 | 33.930 | 5.010 | 25.100 | 2.000 | 7.880 |
| POKHF 10 | 0.000 | 0.000 | 3.134 | 0.000 | 0.000 | 3.134 | 3.134 | 60 | ON | 1.730 | 7.870 | 1.400 | 5.890 | 0.440 | 1.580 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POKVF | 10 | 0.000 | 0.000 | 2.806 | 0.000 | 0.000 | 2.806 | 2.806 | 60 | ON | 5.300 | 27.220 | 3.920 | 19.760 | 1.510 | 6.260 |
| POMVC | 10 | 0.000 | 3.180 | 2.055 | 0.000 | 0.000 | 3.211 | 3.211 | 20 | ON | 10.230 | 47.090 | 7.740 | 34.520 | 3.280 | 11.530 |
| POPGC | 10 | 0.000 | 2.318 | 1.795 | 0.000 | 0.000 | 2.432 | 2.432 | 20 | ON | 4.190 | 16.140 | 3.220 | 12.050 | 1.290 | 4.250 |
| POPHC | 10 | 0.000 | 2.573 | 1.749 | 0.000 | 0.000 | 2.634 | 2.634 | 20 | ON | 0.950 | 3.950 | 0.770 | 2.990 | 0.230 | 0.780 |
| POPVC | 10 | 0.000 | 2.283 | 1.158 | 0.000 | 0.000 | 2.314 | 2.314 | 20 | ON | 3.980 | 15.400 | 3.040 | 11.420 | 1.200 | 3.960 |
| POQGC | 10 | 0.000 | 2.542 | 2.019 | 0.000 | 0.000 | 2.656 | 2.656 | 20 | ON | 5.330 | 21.390 | 4.090 | 15.900 | 1.660 | 5.550 |
| POQVC | 10 | 0.000 | 2.542 | 1.417 | 0.000 | 0.000 | 2.573 | 2.573 | 20 | ON | 5.240 | 21.380 | 3.990 | 15.780 | 1.610 | 5.390 |
| PORGC | 10 | 0.000 | 2.808 | 2.285 | 0.000 | 0.000 | 2.922 | 2.922 | 20 | ON | 7.070 | 29.790 | 5.400 | 22.060 | 2.240 | 7.620 |
| PORVC | 10 | 0.000 | 2.778 | 1.653 | 0.000 | 0.000 | 2.809 | 2.809 | 20 | ON | 6.710 | 28.740 | 5.110 | 21.130 | 2.100 | 7.140 |
| POSVF | 10 | 0.000 | 0.000 | 2.734 | 0.000 | 0.000 | 2.734 | 2.734 | 60 | ON | 4.880 | 24.770 | 3.610 | 17.970 | 1.390 | 5.690 |
| POBGF | 11 | 0.000 | 0.000 | 2.325 | 0.000 | 0.000 | 2.325 | 2.325 | 60 | ON | 1.950 | 8.500 | 1.480 | 6.240 | 0.550 | 1.970 |
| POKGF | 11 | 0.000 | 0.000 | 2.857 | 0.000 | 0.000 | 2.857 | 2.857 | 60 | ON | 3.660 | 17.240 | 2.750 | 12.680 | 1.060 | 3.960 |
| POKHF | 11 | 0.000 | 0.000 | 2.611 | 0.000 | 0.000 | 2.611 | 2.611 | 60 | ON | 0.930 | 3.830 | 0.750 | 2.900 | 0.230 | 0.760 |
| POKVF | 11 | 0.000 | 0.000 | 2.283 | 0.000 | 0.000 | 2.283 | 2.283 | 60 | ON | 2.890 | 13.560 | 2.150 | 9.820 | 0.810 | 3.130 |
| POSVF | 11 | 0.000 | 0.000 | 2.211 | 0.000 | 0.000 | 2.211 | 2.211 | 60 | ON | 2.650 | 12.290 | 1.980 | 8.910 | 0.740 | 2.840 |
| POBGS | 12 | 3.346 | 0.000 | 0.000 | 3.346 | 3.243 | 3.346 | 3.243 | 360 | ON | 6.470 | 24.550 | 4.820 | 17.990 | 1.920 | 5.180 |
| PODHC | 12 | 3.087 | 2.414 | 0.000 | 1.707 | 1.678 | 2.492 | 2.487 | 360 | ON | 0.800 | 3.230 | 0.650 | 2.450 | 0.200 | 0.640 |
| POCGC | 12 | 2.237 | 1.539 | 0.000 | 2.237 | 2.237 | 2.316 | 2.316 | 360 | ON | 3.690 | 13.950 | 2.840 | 10.440 | 1.130 | 3.700 |
| POCHC | 12 | 2.526 | 1.840 | 0.000 | 1.202 | 1.174 | 1.930 | 1.925 | 360 | ON | 0.410 | 1.490 | 0.330 | 1.150 | 0.100 | 0.290 |
| POKGS | 12 | 3.876 | 0.000 | 0.000 | 3.844 | 3.720 | 3.844 | 3.720 | 360 | ON | 8.570 | 46.530 | 6.630 | 34.490 | 2.660 | 9.970 |
| POKHS | 12 | 3.930 | 0.000 | 0.000 | 2.465 | 2.436 | 2.465 | 2.436 | 360 | ON | 0.780 | 3.010 | 0.630 | 2.290 | 0.190 | 0.590 |
| POKVS | 12 | 3.904 | 0.000 | 0.000 | 0.232 | 0.366 | 0.232 | 0.366 | 360 | ON | 0.190 | 0.700 | 0.140 | 0.510 | 0.050 | 0.170 |
| POMVC | 12 | 3.204 | 2.532 | 0.000 | -0.398 | -0.264 | 2.533 | 2.533 | 360 | ON | 5.010 | 20.310 | 3.830 | 15.000 | 1.540 | 5.140 |
| POPGC | 12 | 2.361 | 1.670 | 0.000 | 2.361 | 2.357 | 2.442 | 2.438 | 360 | ON | 4.230 | 16.270 | 3.250 | 12.150 | 1.310 | 4.280 |
| POPHC | 12 | 2.609 | 1.926 | 0.000 | 1.276 | 1.248 | 2.014 | 2.009 | 360 | ON | 0.450 | 1.670 | 0.360 | 1.290 | 0.110 | 0.320 |
| POPVC | 12 | 2.327 | 1.635 | 0.000 | -1.187 | -1.052 | 1.636 | 1.636 | 360 | ON | 1.910 | 6.440 | 1.460 | 4.840 | 0.550 | 1.760 |
| POQGC | 12 | 2.576 | 1.894 | 0.000 | 2.576 | 2.550 | 2.658 | 2.637 | 360 | ON | 5.350 | 20.890 | 4.090 | 15.530 | 1.670 | 5.430 |
| POQVC | 12 | 2.575 | 1.894 | 0.000 | -0.964 | -0.829 | 1.895 | 1.895 | 360 | ON | 2.530 | 8.990 | 1.930 | 6.730 | 0.740 | 2.400 |
| PORGC | 12 | 2.836 | 2.160 | 0.000 | 2.836 | 2.784 | 2.919 | 2.877 | 360 | ON | 7.050 | 28.170 | 5.380 | 20.870 | 2.240 | 7.220 |
| PORVC | 12 | 2.807 | 2.130 | 0.000 | -0.755 | -0.621 | 2.131 | 2.131 | 360 | ON | 3.270 | 12.180 | 2.500 | 9.060 | 0.980 | 3.180 |
| POSVS | 12 | 3.832 | 0.000 | 0.000 | 0.167 | 0.301 | 0.167 | 0.301 | 360 | ON | 0.170 | 0.640 | 0.130 | 0.460 | 0.040 | 0.150 |
| POBGF | 13 | 0.000 | 0.000 | 2.424 | 0.000 | 0.000 | 2.424 | 2.424 | 60 | ON | 2.200 | 9.710 | 1.660 | 7.130 | 0.620 | 2.250 |
| PODHC | 13 | 0.000 | 2.635 | 1.816 | 0.000 | 0.000 | 2.696 | 2.696 | 20 | ON | 1.030 | 4.300 | 0.830 | 3.250 | 0.250 | 0.850 |
| POCGC | 13 | 0.000 | 1.760 | 1.267 | 0.000 | 0.000 | 1.881 | 1.881 | 20 | ON | 2.270 | 8.020 | 1.770 | 6.060 | 0.680 | 2.200 |
| POCHC | 13 | 0.000 | 2.061 | 1.255 | 0.000 | 0.000 | 2.124 | 2.124 | 20 | ON | 0.510 | 1.960 | 0.410 | 1.500 | 0.120 | 0.380 |
| POKGF | 13 | 0.000 | 0.000 | 2.955 | 0.000 | 0.000 | 2.955 | 2.955 | 60 | ON | 4.100 | 19.610 | 3.080 | 14.420 | 1.200 | 4.510 |
| POKHF | 13 | 0.000 | 0.000 | 2.708 | 0.000 | 0.000 | 2.708 | 2.708 | 60 | ON | 1.040 | 4.370 | 0.840 | 3.300 | 0.260 | 0.870 |
| POKVF | 13 | 0.000 | 0.000 | 2.381 | 0.000 | 0.000 | 2.381 | 2.381 | 60 | ON | 3.240 | 15.480 | 2.410 | 11.210 | 0.910 | 3.570 |
| POMVC | 13 | 0.000 | 2.754 | 1.632 | 0.000 | 0.000 | 2.786 | 2.786 | 20 | ON | 6.550 | 27.900 | 4.990 | 20.520 | 2.050 | 6.940 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POPGC 13 | 0.000 | 1.892 | 1.391 | 0.000 | 0.000 | 2.011 | 2.011 | 20 | ON | 2.630 | 9.470 | 2.040 | 7.130 | 0.800 | 2.570 |
| POPHC 13 | 0.000 | 2.147 | 1.338 | 0.000 | 0.000 | 2.210 | 2.210 | 20 | ON | 0.570 | 2.200 | 0.460 | 1.690 | 0.140 | 0.430 |
| POPVC 13 | 0.000 | 1.857 | 0.755 | 0.000 | 0.000 | 1.890 | 1.890 | 20 | ON | 2.520 | 8.940 | 1.920 | 6.690 | 0.740 | 2.390 |
| POQGC 13 | 0.000 | 2.116 | 1.606 | 0.000 | 0.000 | 2.233 | 2.233 | 20 | ON | 3.370 | 12.550 | 2.600 | 9.410 | 1.030 | 3.350 |
| POQVC 13 | 0.000 | 2.116 | 1.003 | 0.000 | 0.000 | 2.148 | 2.148 | 20 | ON | 3.330 | 12.450 | 2.540 | 9.270 | 1.000 | 3.250 |
| PORGC 13 | 0.000 | 2.382 | 1.866 | 0.000 | 0.000 | 2.498 | 2.498 | 20 | ON | 4.500 | 17.530 | 3.450 | 13.070 | 1.390 | 4.600 |
| PORVC 13 | 0.000 | 2.352 | 1.234 | 0.000 | 0.000 | 2.384 | 2.384 | 20 | ON | 4.280 | 16.820 | 3.270 | 12.460 | 1.300 | 4.300 |
| POSVF 13 | 0.000 | 0.000 | 2.309 | 0.000 | 0.000 | 2.309 | 2.309 | 60 | ON | 2.980 | 14.040 | 2.220 | 10.170 | 0.830 | 3.240 |
| POBGF 14 | 0.000 | 0.000 | 2.362 | 0.000 | 0.000 | 2.362 | 2.362 | 30 | ON | 2.520 | 9.850 | 1.960 | 7.350 | 0.740 | 2.490 |
| POKGF 14 | 0.000 | 0.000 | 2.881 | 0.000 | 0.000 | 2.881 | 2.881 | 30 | ON | 4.480 | 18.830 | 3.510 | 14.040 | 1.390 | 4.710 |
| POKHF 14 | 0.000 | 0.000 | 2.633 | 0.000 | 0.000 | 2.633 | 2.633 | 30 | ON | 0.950 | 3.940 | 0.770 | 2.980 | 0.230 | 0.780 |
| POKVF 14 | 0.000 | 0.000 | 2.306 | 0.000 | 0.000 | 2.306 | 2.306 | 30 | ON | 3.610 | 15.230 | 2.760 | 11.130 | 1.070 | 3.770 |
| POSVF 14 | 0.000 | 0.000 | 2.236 | 0.000 | 0.000 | 2.236 | 2.236 | 30 | ON | 3.340 | 13.910 | 2.560 | 10.170 | 0.990 | 3.450 |
| POBGS 15 | 0.000 | 0.000 | 0.799 | 0.000 | 0.000 | 0.799 | 0.799 | 1 | ON | 0.470 | 1.420 | 0.360 | 1.080 | 0.120 | 0.390 |
| PODHC 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 1 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 15 | 0.000 | 0.000 | -0.903 | 0.000 | 0.000 | -0.903 | -0.903 | 1 | ON | 0.050 | 0.160 | 0.040 | 0.120 | 0.010 | 0.030 |
| POCHC 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 1 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGS 15 | 0.000 | 0.000 | 0.799 | 0.000 | 0.000 | 0.799 | 0.799 | 1 | ON | 0.470 | 1.420 | 0.360 | 1.080 | 0.120 | 0.390 |
| POKHS 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 1 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVS 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 1 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC 15 | 0.000 | 1.498 | 0.000 | 0.000 | 0.000 | 1.498 | 1.498 | 1 | ON | 1.640 | 5.390 | 1.250 | 4.060 | 0.470 | 1.480 |
| POPGC 15 | 0.000 | 0.000 | -0.553 | 0.000 | 0.000 | -0.553 | -0.553 | 1 | ON | 0.090 | 0.250 | 0.060 | 0.190 | 0.020 | 0.060 |
| POPHC 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 1 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 1 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 15 | 0.000 | 0.000 | -0.344 | 0.000 | 0.000 | -0.344 | -0.344 | 1 | ON | 0.110 | 0.330 | 0.080 | 0.250 | 0.030 | 0.080 |
| POQVC 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 1 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC 15 | 0.000 | 1.330 | -0.248 | 0.000 | 0.000 | 1.341 | 1.341 | 1 | ON | 1.220 | 4.030 | 0.960 | 3.080 | 0.360 | 1.140 |
| PORVC 15 | 0.000 | 1.301 | 0.000 | 0.000 | 0.000 | 1.301 | 1.301 | 1 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| POSVS 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 1 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGF 16 | 0.000 | 0.000 | 2.848 | 0.000 | 0.000 | 2.848 | 2.848 | 60 | ON | 3.620 | 17.040 | 2.720 | 12.530 | 1.050 | 3.920 |
| PODHC 16 | 0.000 | 3.061 | 2.238 | 0.000 | 0.000 | 3.122 | 3.122 | 20 | ON | 1.710 | 7.740 | 1.380 | 5.790 | 0.430 | 1.550 |
| POCGC 16 | 0.000 | 2.186 | 1.664 | 0.000 | 0.000 | 2.300 | 2.300 | 20 | ON | 3.630 | 13.660 | 2.790 | 10.230 | 1.110 | 3.630 |
| POCHC 16 | 0.000 | 2.487 | 1.664 | 0.000 | 0.000 | 2.548 | 2.548 | 20 | ON | 0.860 | 3.510 | 0.700 | 2.660 | 0.210 | 0.690 |
| POKGF 16 | 0.000 | 0.000 | 3.380 | 0.000 | 0.000 | 3.380 | 3.380 | 60 | ON | 6.730 | 33.930 | 5.010 | 25.100 | 2.000 | 7.880 |
| POKHF 16 | 0.000 | 0.000 | 3.134 | 0.000 | 0.000 | 3.134 | 3.134 | 60 | ON | 1.730 | 7.870 | 1.400 | 5.890 | 0.440 | 1.580 |
| POKVF 16 | 0.000 | 0.000 | 2.806 | 0.000 | 0.000 | 2.806 | 2.806 | 60 | ON | 5.300 | 27.220 | 3.920 | 19.760 | 1.510 | 6.260 |
| POMVC 16 | 0.000 | 3.180 | 2.055 | 0.000 | 0.000 | 3.211 | 3.211 | 20 | ON | 10.230 | 47.090 | 7.740 | 34.520 | 3.280 | 11.530 |
| POPGC 16 | 0.000 | 2.318 | 1.795 | 0.000 | 0.000 | 2.432 | 2.432 | 20 | ON | 4.190 | 16.140 | 3.220 | 12.050 | 1.290 | 4.250 |
| POPHC 16 | 0.000 | 2.573 | 1.749 | 0.000 | 0.000 | 2.634 | 2.634 | 20 | ON | 0.950 | 3.950 | 0.770 | 2.990 | 0.230 | 0.780 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POPVC | 16 | 0.000 | 2.283 | 1.158 | 0.000 | 0.000 | 2.314 | 2.314 | 20 | ON | 3.980 | 15.400 | 3.040 | 11.420 | 1.200 | 3.960 |
| POQGC | 16 | 0.000 | 2.542 | 2.019 | 0.000 | 0.000 | 2.656 | 2.656 | 20 | ON | 5.330 | 21.390 | 4.090 | 15.900 | 1.660 | 5.550 |
| POQVC | 16 | 0.000 | 2.542 | 1.417 | 0.000 | 0.000 | 2.573 | 2.573 | 20 | ON | 5.240 | 21.380 | 3.990 | 15.780 | 1.610 | 5.390 |
| PORGC | 16 | 0.000 | 2.808 | 2.285 | 0.000 | 0.000 | 2.922 | 2.922 | 20 | ON | 7.070 | 29.790 | 5.400 | 22.060 | 2.240 | 7.620 |
| PORVC | 16 | 0.000 | 2.778 | 1.653 | 0.000 | 0.000 | 2.809 | 2.809 | 20 | ON | 6.710 | 28.740 | 5.110 | 21.130 | 2.100 | 7.140 |
| POSVF | 16 | 0.000 | 0.000 | 2.734 | 0.000 | 0.000 | 2.734 | 2.734 | 60 | ON | 4.880 | 24.770 | 3.610 | 17.970 | 1.390 | 5.690 |
| POBGF | 17 | 0.000 | 0.000 | 1.342 | 0.000 | 0.000 | 1.342 | 1.342 | 30 | ON | 0.780 | 2.670 | 0.590 | 2.010 | 0.210 | 0.700 |
| POKGF | 17 | 0.000 | 0.000 | 2.176 | 0.000 | 0.000 | 2.176 | 2.176 | 30 | ON | 2.040 | 7.780 | 1.580 | 5.820 | 0.590 | 1.980 |
| POKHF | 17 | 0.000 | 0.000 | 1.929 | 0.000 | 0.000 | 1.929 | 1.929 | 30 | ON | 0.410 | 1.500 | 0.330 | 1.160 | 0.100 | 0.290 |
| POKVF | 17 | 0.000 | 0.000 | 1.602 | 0.000 | 0.000 | 1.602 | 1.602 | 30 | ON | 1.640 | 6.060 | 1.250 | 4.480 | 0.460 | 1.560 |
| POSVF | 17 | 0.000 | 0.000 | 1.530 | 0.000 | 0.000 | 1.530 | 1.530 | 30 | ON | 1.510 | 5.510 | 1.150 | 4.080 | 0.430 | 1.430 |
| POBGS | 18 | 0.000 | 0.000 | 0.785 | 0.000 | 0.000 | 0.785 | 0.785 | 60 | ON | 0.300 | 1.030 | 0.230 | 0.760 | 0.080 | 0.250 |
| PODHC | 18 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC | 18 | 0.000 | 0.000 | -0.983 | 0.000 | 0.000 | -0.983 | -0.983 | 60 | ON | 0.030 | 0.090 | 0.020 | 0.070 | 0.010 | 0.020 |
| POCHC | 18 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGS | 18 | 0.000 | 0.000 | 0.833 | 0.000 | 0.000 | 0.833 | 0.833 | 60 | ON | 0.320 | 1.100 | 0.240 | 0.810 | 0.080 | 0.270 |
| POKHS | 18 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVS | 18 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC | 18 | 0.000 | 1.498 | 0.000 | 0.000 | 0.000 | 1.498 | 1.498 | 60 | ON | 1.640 | 5.390 | 1.250 | 4.060 | 0.470 | 1.480 |
| POPGC | 18 | 0.000 | 0.000 | -0.886 | 0.000 | 0.000 | -0.886 | -0.886 | 60 | ON | 0.040 | 0.100 | 0.030 | 0.080 | 0.010 | 0.020 |
| POPHC | 18 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC | 18 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC | 18 | 0.000 | 0.000 | -0.701 | 0.000 | 0.000 | -0.701 | -0.701 | 60 | ON | 0.050 | 0.130 | 0.040 | 0.100 | 0.010 | 0.030 |
| POQVC | 18 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC | 18 | 0.000 | 1.330 | -0.264 | 0.000 | 0.000 | 1.341 | 1.341 | 60 | ON | 1.220 | 4.020 | 0.960 | 3.080 | 0.360 | 1.140 |
| PORVC | 18 | 0.000 | 1.301 | 0.000 | 0.000 | 0.000 | 1.301 | 1.301 | 60 | ON | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| POSVS | 18 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGF | 19 | 0.000 | 0.000 | 2.422 | 0.000 | 0.000 | 2.422 | 2.422 | 60 | ON | 2.190 | 9.680 | 1.660 | 7.110 | 0.620 | 2.240 |
| PODHC | 19 | 0.000 | 2.635 | 1.812 | 0.000 | 0.000 | 2.696 | 2.696 | 20 | ON | 1.030 | 4.300 | 0.830 | 3.250 | 0.250 | 0.850 |
| POCGC | 19 | 0.000 | 1.760 | 1.238 | 0.000 | 0.000 | 1.874 | 1.874 | 20 | ON | 2.260 | 7.950 | 1.750 | 6.010 | 0.680 | 2.180 |
| POCHC | 19 | 0.000 | 2.061 | 1.238 | 0.000 | 0.000 | 2.122 | 2.122 | 20 | ON | 0.510 | 1.950 | 0.410 | 1.500 | 0.120 | 0.380 |
| POKGF | 19 | 0.000 | 0.000 | 2.954 | 0.000 | 0.000 | 2.954 | 2.954 | 60 | ON | 4.100 | 19.580 | 3.080 | 14.400 | 1.200 | 4.500 |
| POKHF | 19 | 0.000 | 0.000 | 2.708 | 0.000 | 0.000 | 2.708 | 2.708 | 60 | ON | 1.040 | 4.370 | 0.840 | 3.300 | 0.260 | 0.870 |
| POKVF | 19 | 0.000 | 0.000 | 2.380 | 0.000 | 0.000 | 2.380 | 2.380 | 60 | ON | 3.230 | 15.460 | 2.410 | 11.200 | 0.910 | 3.560 |
| POMVC | 19 | 0.000 | 2.754 | 1.629 | 0.000 | 0.000 | 2.785 | 2.785 | 20 | ON | 6.550 | 27.890 | 4.990 | 20.520 | 2.050 | 6.930 |
| POPGC | 19 | 0.000 | 1.892 | 1.369 | 0.000 | 0.000 | 2.006 | 2.006 | 20 | ON | 2.620 | 9.400 | 2.030 | 7.090 | 0.790 | 2.560 |
| POPHC | 19 | 0.000 | 2.147 | 1.323 | 0.000 | 0.000 | 2.208 | 2.208 | 20 | ON | 0.570 | 2.200 | 0.460 | 1.680 | 0.140 | 0.430 |
| POPVC | 19 | 0.000 | 1.857 | 0.732 | 0.000 | 0.000 | 1.888 | 1.888 | 20 | ON | 2.520 | 8.920 | 1.920 | 6.670 | 0.740 | 2.380 |
| POQGC | 19 | 0.000 | 2.116 | 1.593 | 0.000 | 0.000 | 2.230 | 2.230 | 20 | ON | 3.360 | 12.500 | 2.590 | 9.370 | 1.020 | 3.340 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POQVC 19 | 0.000 | 2.116 | 0.991 | 0.000 | 0.000 | 2.147 | 2.147 | 20 | ON | 3.330 | 12.440 | 2.540 | 9.260 | 0.990 | 3.250 |
| PORGC 19 | 0.000 | 2.382 | 1.859 | 0.000 | 0.000 | 2.496 | 2.496 | 20 | ON | 4.490 | 17.490 | 3.450 | 13.040 | 1.390 | 4.590 |
| PORVC 19 | 0.000 | 2.352 | 1.227 | 0.000 | 0.000 | 2.383 | 2.383 | 20 | ON | 4.280 | 16.810 | 3.270 | 12.450 | 1.300 | 4.300 |
| POSVF 19 | 0.000 | 0.000 | 2.308 | 0.000 | 0.000 | 2.308 | 2.308 | 60 | ON | 2.970 | 14.020 | 2.210 | 10.160 | 0.830 | 3.240 |
| POBGF 20 | 0.000 | 0.000 | 0.987 | 0.000 | 0.000 | 0.987 | 0.987 | 30 | ON | 0.510 | 1.680 | 0.390 | 1.270 | 0.130 | 0.440 |
| POKGF 20 | 0.000 | 0.000 | 0.982 | 0.000 | 0.000 | 0.982 | 0.982 | 30 | ON | 0.510 | 1.670 | 0.380 | 1.260 | 0.130 | 0.440 |
| POKHF 20 | 0.000 | 0.000 | 0.431 | 0.000 | 0.000 | 0.431 | 0.431 | 30 | ON | 0.060 | 0.190 | 0.050 | 0.150 | 0.010 | 0.040 |
| POKVF 20 | 0.000 | 0.000 | -0.155 | 0.000 | 0.000 | -0.155 | -0.155 | 30 | ON | 0.200 | 0.600 | 0.150 | 0.450 | 0.050 | 0.150 |
| POSVF 20 | 0.000 | 0.000 | -0.155 | 0.000 | 0.000 | -0.155 | -0.155 | 30 | ON | 0.200 | 0.600 | 0.150 | 0.450 | 0.050 | 0.150 |
| POAGS 21 | 2.739 | 0.000 | 0.000 | 2.042 | 1.919 | 2.042 | 1.919 | 60 | ON | 1.400 | 4.900 | 1.060 | 3.610 | 0.390 | 1.150 |
| POAHS 21 | 2.805 | 0.000 | 0.000 | 0.675 | 0.646 | 0.675 | 0.646 | 60 | ON | 0.080 | 0.250 | 0.070 | 0.200 | 0.020 | 0.050 |
| POAVS 21 | 2.705 | 0.000 | 0.000 | -1.625 | -1.491 | -1.625 | -1.491 | 60 | ON | 0.020 | 0.090 | 0.020 | 0.060 | 0.010 | 0.010 |
| POAGF 22 | 0.000 | 0.000 | 1.739 | 0.000 | 0.000 | 1.739 | 1.739 | 10 | ON | 1.240 | 4.450 | 0.950 | 3.340 | 0.350 | 1.150 |
| POAHF 22 | 0.000 | 0.000 | 1.504 | 0.000 | 0.000 | 1.504 | 1.504 | 10 | ON | 0.240 | 0.830 | 0.190 | 0.650 | 0.060 | 0.160 |
| POAVF 22 | 0.000 | 0.000 | 1.104 | 0.000 | 0.000 | 1.104 | 1.104 | 10 | ON | 0.920 | 3.130 | 0.700 | 2.330 | 0.250 | 0.830 |
| POBGC 25 | 0.000 | 0.000 | 1.342 | 0.000 | 0.000 | 1.342 | 1.342 | 360 | ON | 0.460 | 1.680 | 0.350 | 1.230 | 0.120 | 0.400 |
| PODHC 25 | 0.000 | 0.000 | -0.523 | 0.000 | 0.000 | -0.523 | -0.523 | 360 | ON | 0.020 | 0.050 | 0.010 | 0.040 | 0.000 | 0.010 |
| POCGC 25 | 0.000 | 0.000 | -0.699 | 0.000 | 0.000 | -0.699 | -0.699 | 360 | ON | 0.040 | 0.100 | 0.030 | 0.070 | 0.010 | 0.020 |
| POCHC 25 | 0.000 | 0.000 | -0.796 | 0.000 | 0.000 | -0.796 | -0.796 | 360 | ON | 0.010 | 0.030 | 0.010 | 0.030 | 0.000 | 0.010 |
| POKGC 25 | 0.000 | 0.000 | 2.176 | 0.000 | 0.000 | 2.176 | 2.176 | 360 | ON | 1.250 | 5.530 | 0.950 | 4.040 | 0.350 | 1.230 |
| POKHC 25 | 0.000 | 0.000 | 1.929 | 0.000 | 0.000 | 1.929 | 1.929 | 360 | ON | 0.410 | 1.500 | 0.330 | 1.160 | 0.100 | 0.290 |
| POKVC 25 | 0.000 | 0.000 | 1.602 | 0.000 | 0.000 | 1.602 | 1.602 | 360 | ON | 1.000 | 4.160 | 0.750 | 2.970 | 0.270 | 0.940 |
| POMVC 25 | 0.000 | 0.000 | -0.585 | 0.000 | 0.000 | -0.585 | -0.585 | 360 | ON | 0.070 | 0.190 | 0.050 | 0.140 | 0.020 | 0.040 |
| POPGC 25 | 0.000 | 0.000 | -0.187 | 0.000 | 0.000 | -0.187 | -0.187 | 360 | ON | 0.070 | 0.200 | 0.050 | 0.140 | 0.020 | 0.050 |
| POPHC 25 | 0.000 | 0.000 | -0.229 | 0.000 | 0.000 | -0.229 | -0.229 | 360 | ON | 0.030 | 0.070 | 0.020 | 0.060 | 0.010 | 0.010 |
| POPVC 25 | 0.000 | 0.000 | -0.824 | 0.000 | 0.000 | -0.824 | -0.824 | 360 | ON | 0.050 | 0.140 | 0.040 | 0.100 | 0.010 | 0.030 |
| POQGC 25 | 0.000 | 0.000 | -0.569 | 0.000 | 0.000 | -0.569 | -0.569 | 360 | ON | 0.040 | 0.120 | 0.030 | 0.090 | 0.010 | 0.030 |
| POQVC 25 | 0.000 | 0.000 | -0.444 | 0.000 | 0.000 | -0.444 | -0.444 | 360 | ON | 0.080 | 0.230 | 0.060 | 0.170 | 0.020 | 0.050 |
| PORGC 25 | 0.000 | 0.000 | 0.041 | 0.000 | 0.000 | 0.041 | 0.041 | 360 | ON | 0.090 | 0.270 | 0.070 | 0.200 | 0.020 | 0.060 |
| PORVC 25 | 0.000 | 0.000 | -0.602 | 0.000 | 0.000 | -0.602 | -0.602 | 360 | ON | 0.070 | 0.190 | 0.050 | 0.140 | 0.020 | 0.040 |
| POSVC 25 | 0.000 | 0.000 | 1.531 | 0.000 | 0.000 | 1.531 | 1.531 | 360 | ON | 0.920 | 3.750 | 0.690 | 2.680 | 0.250 | 0.850 |
| POBGC 26 | 0.000 | 0.000 | 2.422 | 0.000 | 0.000 | 2.422 | 2.422 | 360 | ON | 1.670 | 7.840 | 1.280 | 5.720 | 0.470 | 1.710 |
| PODHC 26 | 0.000 | 2.635 | 1.812 | 0.000 | 0.000 | 2.696 | 2.696 | 360 | ON | 1.030 | 4.300 | 0.830 | 3.250 | 0.250 | 0.850 |
| POCGC 26 | 0.000 | 1.760 | 1.238 | 0.000 | 0.000 | 1.874 | 1.874 | 360 | ON | 2.260 | 7.950 | 1.750 | 6.010 | 0.680 | 2.180 |
| POCHC 26 | 0.000 | 2.061 | 1.238 | 0.000 | 0.000 | 2.122 | 2.122 | 360 | ON | 0.510 | 1.950 | 0.410 | 1.500 | 0.120 | 0.380 |
| POKGC 26 | 0.000 | 0.000 | 2.954 | 0.000 | 0.000 | 2.954 | 2.954 | 360 | ON | 3.110 | 16.520 | 2.380 | 12.050 | 0.910 | 3.500 |
| POKHC 26 | 0.000 | 0.000 | 2.708 | 0.000 | 0.000 | 2.708 | 2.708 | 360 | ON | 1.040 | 4.370 | 0.840 | 3.300 | 0.260 | 0.870 |
| POKVC 26 | 0.000 | 0.000 | 2.380 | 0.000 | 0.000 | 2.380 | 2.380 | 360 | ON | 2.500 | 12.910 | 1.870 | 9.100 | 0.690 | 2.730 |
| POMVC 26 | 0.000 | 2.754 | 1.629 | 0.000 | 0.000 | 2.785 | 2.785 | 360 | ON | 6.550 | 27.890 | 4.990 | 20.520 | 2.050 | 6.930 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POPGC 26 | 0.000 | 1.892 | 1.369 | 0.000 | 0.000 | 2.006 | 2.006 | 360 | ON | 2.620 | 9.400 | 2.030 | 7.090 | 0.790 | 2.560 |
| POPHC 26 | 0.000 | 2.147 | 1.323 | 0.000 | 0.000 | 2.208 | 2.208 | 360 | ON | 0.570 | 2.200 | 0.460 | 1.680 | 0.140 | 0.430 |
| POPVC 26 | 0.000 | 1.857 | 0.732 | 0.000 | 0.000 | 1.888 | 1.888 | 360 | ON | 2.520 | 8.920 | 1.920 | 6.670 | 0.740 | 2.380 |
| POQGC 26 | 0.000 | 2.116 | 1.593 | 0.000 | 0.000 | 2.230 | 2.230 | 360 | ON | 3.360 | 12.500 | 2.590 | 9.370 | 1.020 | 3.340 |
| POQVC 26 | 0.000 | 2.116 | 0.991 | 0.000 | 0.000 | 2.147 | 2.147 | 360 | ON | 3.330 | 12.440 | 2.540 | 9.260 | 0.990 | 3.250 |
| PORGC 26 | 0.000 | 2.382 | 1.859 | 0.000 | 0.000 | 2.496 | 2.496 | 360 | ON | 4.490 | 17.490 | 3.450 | 13.040 | 1.390 | 4.590 |
| PORVC 26 | 0.000 | 2.352 | 1.227 | 0.000 | 0.000 | 2.383 | 2.383 | 360 | ON | 4.280 | 16.810 | 3.270 | 12.450 | 1.300 | 4.300 |
| POSVC 26 | 0.000 | 0.000 | 2.308 | 0.000 | 0.000 | 2.308 | 2.308 | 360 | ON | 2.290 | 11.640 | 1.720 | 8.210 | 0.630 | 2.470 |
| POBGC 29 | 0.000 | 0.000 | 2.422 | 0.000 | 0.000 | 2.422 | 2.422 | 360 | ON | 1.670 | 7.840 | 1.280 | 5.720 | 0.470 | 1.710 |
| PODHC 29 | 0.000 | 2.635 | 1.812 | 0.000 | 0.000 | 2.696 | 2.696 | 360 | ON | 1.030 | 4.300 | 0.830 | 3.250 | 0.250 | 0.850 |
| POCGC 29 | 0.000 | 1.760 | 1.238 | 0.000 | 0.000 | 1.874 | 1.874 | 360 | ON | 2.260 | 7.950 | 1.750 | 6.010 | 0.680 | 2.180 |
| POCHC 29 | 0.000 | 2.061 | 1.238 | 0.000 | 0.000 | 2.122 | 2.122 | 360 | ON | 0.510 | 1.950 | 0.410 | 1.500 | 0.120 | 0.380 |
| POKGC 29 | 0.000 | 0.000 | 2.954 | 0.000 | 0.000 | 2.954 | 2.954 | 360 | ON | 3.110 | 16.520 | 2.380 | 12.050 | 0.910 | 3.500 |
| POKHC 29 | 0.000 | 0.000 | 2.708 | 0.000 | 0.000 | 2.708 | 2.708 | 360 | ON | 1.040 | 4.370 | 0.840 | 3.300 | 0.260 | 0.870 |
| POKVC 29 | 0.000 | 0.000 | 2.380 | 0.000 | 0.000 | 2.380 | 2.380 | 360 | ON | 2.500 | 12.910 | 1.870 | 9.100 | 0.690 | 2.730 |
| POMVC 29 | 0.000 | 2.754 | 1.629 | 0.000 | 0.000 | 2.785 | 2.785 | 360 | ON | 6.550 | 27.890 | 4.990 | 20.520 | 2.050 | 6.930 |
| POPGC 29 | 0.000 | 1.892 | 1.369 | 0.000 | 0.000 | 2.006 | 2.006 | 360 | ON | 2.620 | 9.400 | 2.030 | 7.090 | 0.790 | 2.560 |
| POPHC 29 | 0.000 | 2.147 | 1.323 | 0.000 | 0.000 | 2.208 | 2.208 | 360 | ON | 0.570 | 2.200 | 0.460 | 1.680 | 0.140 | 0.430 |
| POPVC 29 | 0.000 | 1.857 | 0.732 | 0.000 | 0.000 | 1.888 | 1.888 | 360 | ON | 2.520 | 8.920 | 1.920 | 6.670 | 0.740 | 2.380 |
| POQGC 29 | 0.000 | 2.116 | 1.593 | 0.000 | 0.000 | 2.230 | 2.230 | 360 | ON | 3.360 | 12.500 | 2.590 | 9.370 | 1.020 | 3.340 |
| POQVC 29 | 0.000 | 2.116 | 0.991 | 0.000 | 0.000 | 2.147 | 2.147 | 360 | ON | 3.330 | 12.440 | 2.540 | 9.260 | 0.990 | 3.250 |
| PORGC 29 | 0.000 | 2.382 | 1.859 | 0.000 | 0.000 | 2.496 | 2.496 | 360 | ON | 4.490 | 17.490 | 3.450 | 13.040 | 1.390 | 4.590 |
| PORVC 29 | 0.000 | 2.352 | 1.227 | 0.000 | 0.000 | 2.383 | 2.383 | 360 | ON | 4.280 | 16.810 | 3.270 | 12.450 | 1.300 | 4.300 |
| POSVC 29 | 0.000 | 0.000 | 2.308 | 0.000 | 0.000 | 2.308 | 2.308 | 360 | ON | 2.290 | 11.640 | 1.720 | 8.210 | 0.630 | 2.470 |
| POBGC 33 | 0.000 | 0.000 | 2.422 | 0.000 | 0.000 | 2.422 | 2.422 | 360 | ON | 1.670 | 7.840 | 1.280 | 5.720 | 0.470 | 1.710 |
| PODHC 33 | 0.000 | 2.635 | 1.812 | 0.000 | 0.000 | 2.696 | 2.696 | 360 | ON | 1.030 | 4.300 | 0.830 | 3.250 | 0.250 | 0.850 |
| POCGC 33 | 0.000 | 1.760 | 1.238 | 0.000 | 0.000 | 1.874 | 1.874 | 360 | ON | 2.260 | 7.950 | 1.750 | 6.010 | 0.680 | 2.180 |
| POCHC 33 | 0.000 | 2.061 | 1.238 | 0.000 | 0.000 | 2.122 | 2.122 | 360 | ON | 0.510 | 1.950 | 0.410 | 1.500 | 0.120 | 0.380 |
| POKGC 33 | 0.000 | 0.000 | 2.954 | 0.000 | 0.000 | 2.954 | 2.954 | 360 | ON | 3.110 | 16.520 | 2.380 | 12.050 | 0.910 | 3.500 |
| POKHC 33 | 0.000 | 0.000 | 2.708 | 0.000 | 0.000 | 2.708 | 2.708 | 360 | ON | 1.040 | 4.370 | 0.840 | 3.300 | 0.260 | 0.870 |
| POKVC 33 | 0.000 | 0.000 | 2.380 | 0.000 | 0.000 | 2.380 | 2.380 | 360 | ON | 2.500 | 12.910 | 1.870 | 9.100 | 0.690 | 2.730 |
| POMVC 33 | 0.000 | 2.754 | 1.629 | 0.000 | 0.000 | 2.785 | 2.785 | 360 | ON | 6.550 | 27.890 | 4.990 | 20.520 | 2.050 | 6.930 |
| POPGC 33 | 0.000 | 1.892 | 1.369 | 0.000 | 0.000 | 2.006 | 2.006 | 360 | ON | 2.620 | 9.400 | 2.030 | 7.090 | 0.790 | 2.560 |
| POPHC 33 | 0.000 | 2.147 | 1.323 | 0.000 | 0.000 | 2.208 | 2.208 | 360 | ON | 0.570 | 2.200 | 0.460 | 1.680 | 0.140 | 0.430 |
| POPVC 33 | 0.000 | 1.857 | 0.732 | 0.000 | 0.000 | 1.888 | 1.888 | 360 | ON | 2.520 | 8.920 | 1.920 | 6.670 | 0.740 | 2.380 |
| POQGC 33 | 0.000 | 2.116 | 1.593 | 0.000 | 0.000 | 2.230 | 2.230 | 360 | ON | 3.360 | 12.500 | 2.590 | 9.370 | 1.020 | 3.340 |
| POQVC 33 | 0.000 | 2.116 | 0.991 | 0.000 | 0.000 | 2.147 | 2.147 | 360 | ON | 3.330 | 12.440 | 2.540 | 9.260 | 0.990 | 3.250 |
| PORGC 33 | 0.000 | 2.382 | 1.859 | 0.000 | 0.000 | 2.496 | 2.496 | 360 | ON | 4.490 | 17.490 | 3.450 | 13.040 | 1.390 | 4.590 |
| PORVC 33 | 0.000 | 2.352 | 1.227 | 0.000 | 0.000 | 2.383 | 2.383 | 360 | ON | 4.280 | 16.810 | 3.270 | 12.450 | 1.300 | 4.300 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | LOG OF EVAPORATED QUANTITY(LB) VAPOR | WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POSVC 33 | 0.000 | 0.000 | 2.308 | 0.000 | 0.000 | 2.308 | 2.308 | 360 | ON | 2.290 | 11.640 | 1.720 | 8.210 | 0.630 | 2.470 |
| POAGC 41 | 0.000 | 0.000 | 2.006 | 0.000 | 0.000 | 2.006 | 2.006 | 15 | ON | 1.680 | 6.270 | 1.300 | 4.690 | 0.480 | 1.600 |
| POAHC 41 | 0.000 | 0.000 | 2.006 | 0.000 | 0.000 | 2.006 | 2.006 | 15 | ON | 0.450 | 1.660 | 0.360 | 1.280 | 0.110 | 0.320 |
| POAVC 41 | 0.000 | 0.000 | 0.255 | 0.000 | 0.000 | 0.255 | 0.255 | 15 | ON | 0.330 | 1.020 | 0.250 | 0.760 | 0.090 | 0.270 |
| POBGC 42 | 0.000 | 0.000 | 1.342 | 0.000 | 0.000 | 1.342 | 1.342 | 12 | ON | 0.780 | 2.670 | 0.590 | 2.010 | 0.210 | 0.700 |
| PODHC 42 | 0.000 | 0.000 | 1.334 | 0.000 | 0.000 | 1.334 | 1.334 | 12 | ON | 0.190 | 0.660 | 0.160 | 0.520 | 0.040 | 0.130 |
| POCGC 42 | 0.000 | 0.000 | 0.763 | 0.000 | 0.000 | 0.763 | 0.763 | 12 | ON | 0.390 | 1.250 | 0.290 | 0.940 | 0.100 | 0.330 |
| POCHC 42 | 0.000 | 0.000 | 1.061 | 0.000 | 0.000 | 1.061 | 1.061 | 12 | ON | 0.140 | 0.450 | 0.110 | 0.360 | 0.030 | 0.090 |
| POKGC 42 | 0.000 | 0.000 | 1.574 | 0.000 | 0.000 | 1.574 | 1.574 | 12 | ON | 1.020 | 3.600 | 0.780 | 2.710 | 0.280 | 0.930 |
| POKHC 42 | 0.000 | 0.000 | 1.628 | 0.000 | 0.000 | 1.628 | 1.628 | 12 | ON | 0.280 | 0.990 | 0.220 | 0.770 | 0.070 | 0.190 |
| POKVC 42 | 0.000 | 0.000 | 1.602 | 0.000 | 0.000 | 1.602 | 1.602 | 12 | ON | 1.640 | 6.060 | 1.250 | 4.480 | 0.460 | 1.560 |
| POMVC 42 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC 42 | 0.000 | 0.000 | 1.193 | 0.000 | 0.000 | 1.193 | 1.193 | 12 | ON | 0.650 | 2.200 | 0.500 | 1.650 | 0.170 | 0.570 |
| POPHC 42 | 0.000 | 0.000 | 1.449 | 0.000 | 0.000 | 1.449 | 1.449 | 12 | ON | 0.220 | 0.770 | 0.180 | 0.610 | 0.050 | 0.150 |
| POPVC 42 | 0.000 | 0.000 | 1.158 | 0.000 | 0.000 | 1.158 | 1.158 | 12 | ON | 0.980 | 3.370 | 0.750 | 2.500 | 0.270 | 0.890 |
| POQGC 42 | 0.000 | 0.000 | 1.292 | 0.000 | 0.000 | 1.292 | 1.292 | 12 | ON | 0.730 | 2.500 | 0.560 | 1.880 | 0.200 | 0.650 |
| POQVC 42 | 0.000 | 0.000 | 1.292 | 0.000 | 0.000 | 1.292 | 1.292 | 12 | ON | 1.150 | 4.020 | 0.870 | 2.990 | 0.320 | 1.050 |
| PORGC 42 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC 42 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVC 42 | 0.000 | 0.000 | 1.530 | 0.000 | 0.000 | 1.530 | 1.530 | 12 | ON | 1.510 | 5.510 | 1.150 | 4.080 | 0.430 | 1.430 |
| POKGC 43 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHC 43 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVC 43 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVC 43 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGC 43 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGC 44 | 0.000 | 0.000 | 3.176 | 0.000 | 0.000 | 3.176 | 3.176 | 2 | ON | 6.500 | 28.870 | 5.140 | 20.390 | 2.150 | 6.930 |
| POKHC 44 | 0.000 | 0.000 | 3.230 | 0.000 | 0.000 | 3.230 | 3.230 | 2 | ON | 1.940 | 8.990 | 1.570 | 6.720 | 0.490 | 1.810 |
| POKVC 44 | 0.000 | 0.000 | 3.204 | 0.000 | 0.000 | 3.204 | 3.204 | 2 | ON | 10.150 | 46.670 | 7.680 | 34.210 | 3.260 | 11.430 |
| POSVC 44 | 0.000 | 0.000 | 3.132 | 0.000 | 0.000 | 3.132 | 3.132 | 2 | ON | 9.410 | 42.760 | 7.130 | 31.350 | 3.010 | 10.480 |
| POBGC 44 | 0.000 | 0.000 | 2.342 | 0.000 | 0.000 | 2.342 | 2.342 | 2 | ON | 2.700 | 10.120 | 2.100 | 7.390 | 0.820 | 2.590 |
| POKGF 45 | 0.000 | 0.000 | 1.702 | 0.000 | 0.000 | 1.702 | 1.702 | 106 | ON | 0.930 | 3.650 | 0.700 | 2.690 | 0.250 | 0.870 |
| POKHF 45 | 0.000 | 0.000 | 1.473 | 0.000 | 0.000 | 1.473 | 1.473 | 114 | ON | 0.230 | 0.800 | 0.190 | 0.630 | 0.050 | 0.150 |
| POKVF 45 | 0.000 | 0.000 | 1.281 | 0.000 | 0.000 | 1.281 | 1.281 | 80 | ON | 0.880 | 3.400 | 0.660 | 2.470 | 0.240 | 0.820 |
| PODHC 46 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 46 | 0.000 | -1.000 | -1.000 | 0.000 | 0.000 | -0.699 | -0.699 | 60 | ON | 0.100 | 0.320 | 0.080 | 0.240 | 0.030 | 0.070 |
| POCHC 46 | 0.000 | -1.000 | -2.523 | 0.000 | 0.000 | -0.987 | -0.987 | 60 | ON | 0.010 | 0.020 | 0.010 | 0.020 | 0.000 | 0.000 |
| POMVC 46 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC 46 | 0.000 | -0.222 | -0.523 | 0.000 | 0.000 | -0.046 | -0.046 | 60 | ON | 0.230 | 0.700 | 0.180 | 0.540 | 0.060 | 0.190 |
| POPHC 46 | 0.000 | 0.000 | -2.097 | 0.000 | 0.000 | -2.097 | -2.097 | 60 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POPVC 46 | 0.000 | -0.301 | 0.000 | 0.000 | 0.000 | -0.301 | -0.301 | 60 | ON | 0.190 | 0.560 | 0.140 | 0.420 | 0.050 | 0.140 |
| POQGC 46 | 0.000 | 0.415 | 0.462 | 0.000 | 0.000 | 0.740 | 0.740 | 60 | ON | 0.600 | 1.870 | 0.480 | 1.440 | 0.170 | 0.540 |
| POQVC 46 | 0.000 | 0.415 | 0.000 | 0.000 | 0.000 | 0.415 | 0.415 | 60 | ON | 0.470 | 1.350 | 0.350 | 1.020 | 0.120 | 0.380 |
| PORGC 46 | 0.000 | 0.000 | -0.301 | 0.000 | 0.000 | -0.301 | -0.301 | 60 | ON | 0.080 | 0.230 | 0.060 | 0.170 | 0.020 | 0.050 |
| PORVC 46 | 0.000 | -0.046 | 0.000 | 0.000 | 0.000 | -0.046 | -0.046 | 60 | ON | 0.270 | 0.760 | 0.200 | 0.570 | 0.070 | 0.200 |
| PODHC 47 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 47 | 0.000 | -1.000 | -0.824 | 0.000 | 0.000 | -0.602 | -0.602 | 20 | ON | 0.120 | 0.360 | 0.090 | 0.270 | 0.030 | 0.090 |
| POCHC 47 | 0.000 | -1.000 | -0.824 | 0.000 | 0.000 | -0.602 | -0.602 | 20 | ON | 0.020 | 0.040 | 0.010 | 0.030 | 0.000 | 0.010 |
| POMVC 47 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC 47 | 0.000 | -0.222 | -0.222 | 0.000 | 0.000 | 0.079 | 0.079 | 20 | ON | 0.270 | 0.820 | 0.210 | 0.630 | 0.070 | 0.220 |
| POPHC 47 | 0.000 | 0.000 | -0.301 | 0.000 | 0.000 | -0.301 | -0.301 | 20 | ON | 0.020 | 0.070 | 0.020 | 0.050 | 0.010 | 0.010 |
| POPVC 47 | 0.000 | -0.301 | -0.854 | 0.000 | 0.000 | -0.194 | -0.194 | 20 | ON | 0.220 | 0.640 | 0.170 | 0.480 | 0.060 | 0.170 |
| POQGC 47 | 0.000 | 0.415 | 0.079 | 0.000 | 0.000 | 0.580 | 0.580 | 20 | ON | 0.500 | 1.530 | 0.390 | 1.180 | 0.140 | 0.440 |
| POQVC 47 | 0.000 | 0.415 | -0.523 | 0.000 | 0.000 | 0.462 | 0.462 | 20 | ON | 0.500 | 1.430 | 0.380 | 1.090 | 0.130 | 0.400 |
| PORGC 47 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 20 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC 47 | 0.000 | -0.046 | -0.699 | 0.000 | 0.000 | 0.041 | 0.041 | 20 | ON | 0.300 | 0.850 | 0.220 | 0.640 | 0.080 | 0.230 |
| PODHC 48 | 0.000 | 2.334 | 1.505 | 0.000 | 0.000 | 2.394 | 2.394 | 20 | ON | 0.710 | 2.840 | 0.580 | 2.160 | 0.170 | 0.560 |
| POCGC 48 | 0.000 | 1.763 | 1.236 | 0.000 | 0.000 | 1.876 | 1.876 | 20 | ON | 2.260 | 7.970 | 1.760 | 6.020 | 0.680 | 2.190 |
| POCHC 48 | 0.000 | 2.061 | 1.236 | 0.000 | 0.000 | 2.122 | 2.122 | 20 | ON | 0.510 | 1.950 | 0.410 | 1.500 | 0.120 | 0.380 |
| POMVC 48 | 0.000 | 2.754 | 1.633 | 0.000 | 0.000 | 2.786 | 2.786 | 20 | ON | 6.550 | 27.900 | 4.990 | 20.520 | 2.050 | 6.940 |
| POPGC 48 | 0.000 | 1.898 | 1.373 | 0.000 | 0.000 | 2.011 | 2.011 | 20 | ON | 2.630 | 9.470 | 2.040 | 7.140 | 0.800 | 2.570 |
| POPHC 48 | 0.000 | 2.152 | 1.332 | 0.000 | 0.000 | 2.213 | 2.213 | 20 | ON | 0.570 | 2.210 | 0.460 | 1.700 | 0.140 | 0.430 |
| POPVC 48 | 0.000 | 1.860 | 0.708 | 0.000 | 0.000 | 1.890 | 1.890 | 20 | ON | 2.520 | 8.930 | 1.920 | 6.680 | 0.740 | 2.380 |
| POQGC 48 | 0.000 | 2.127 | 1.604 | 0.000 | 0.000 | 2.241 | 2.241 | 20 | ON | 3.400 | 12.680 | 2.620 | 9.500 | 1.040 | 3.390 |
| POQVC 48 | 0.000 | 2.127 | 1.013 | 0.000 | 0.000 | 2.159 | 2.159 | 20 | ON | 3.370 | 12.630 | 2.570 | 9.390 | 1.010 | 3.290 |
| PORGC 48 | 0.000 | 2.384 | 1.863 | 0.000 | 0.000 | 2.498 | 2.498 | 20 | ON | 4.500 | 17.550 | 3.460 | 13.080 | 1.390 | 4.600 |
| PORVC 48 | 0.000 | 2.354 | 1.236 | 0.000 | 0.000 | 2.386 | 2.386 | 20 | ON | 4.290 | 16.860 | 3.280 | 12.490 | 1.300 | 4.310 |
| PODHC 49 | 0.000 | 0.778 | 0.000 | 0.000 | 0.000 | 0.778 | 0.778 | 0 | ON | 0.100 | 0.300 | 0.080 | 0.240 | 0.020 | 0.060 |
| POCGC 49 | 0.000 | 0.204 | 0.000 | 0.000 | 0.000 | 0.204 | 0.204 | 0 | ON | 0.320 | 0.960 | 0.250 | 0.740 | 0.090 | 0.270 |
| POCHC 49 | 0.000 | 0.505 | 0.000 | 0.000 | 0.000 | 0.505 | 0.505 | 0 | ON | 0.070 | 0.210 | 0.050 | 0.170 | 0.020 | 0.040 |
| POMVC 49 | 0.000 | 1.021 | 0.000 | 0.000 | 0.000 | 1.021 | 1.021 | 0 | ON | 0.960 | 2.910 | 0.730 | 2.210 | 0.260 | 0.820 |
| POPGC 49 | 0.000 | 0.813 | 0.000 | 0.000 | 0.000 | 0.813 | 0.813 | 0 | ON | 0.660 | 2.060 | 0.520 | 1.580 | 0.190 | 0.590 |
| POPHC 49 | 0.000 | 1.068 | 0.000 | 0.000 | 0.000 | 1.068 | 1.068 | 0 | ON | 0.140 | 0.450 | 0.110 | 0.360 | 0.030 | 0.090 |
| POPVC 49 | 0.000 | 0.778 | 0.000 | 0.000 | 0.000 | 0.778 | 0.778 | 0 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| POQGC 49 | 0.000 | 1.161 | 0.000 | 0.000 | 0.000 | 1.161 | 1.161 | 0 | ON | 0.990 | 3.200 | 0.780 | 2.450 | 0.290 | 0.910 |
| POQVC 49 | 0.000 | 1.161 | 0.000 | 0.000 | 0.000 | 1.161 | 1.161 | 0 | ON | 1.120 | 3.490 | 0.850 | 2.640 | 0.310 | 0.980 |
| PORGC 49 | 0.000 | 1.029 | 0.000 | 0.000 | 0.000 | 1.029 | 1.029 | 0 | ON | 0.850 | 2.700 | 0.670 | 2.080 | 0.250 | 0.770 |
| PORVC 49 | 0.000 | 1.000 | 0.000 | 0.000 | 0.000 | 1.000 | 1.000 | 0 | ON | 0.940 | 2.840 | 0.710 | 2.150 | 0.260 | 0.800 |
| PODHC 50 | 0.000 | 0.778 | 0.000 | 0.000 | 0.000 | 0.778 | 0.778 | 0 | ON | 0.100 | 0.300 | 0.080 | 0.240 | 0.020 | 0.060 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POCGC 50 | 0.000 | 0.204 | 0.000 | 0.000 | 0.000 | 0.204 | 0.204 | 0 | ON | 0.320 | 0.960 | 0.250 | 0.740 | 0.090 | 0.270 |
| POCHC 50 | 0.000 | 0.505 | 0.000 | 0.000 | 0.000 | 0.505 | 0.505 | 0 | ON | 0.070 | 0.210 | 0.050 | 0.170 | 0.020 | 0.040 |
| POMVC 50 | 0.000 | 1.021 | 0.000 | 0.000 | 0.000 | 1.021 | 1.021 | 0 | ON | 0.960 | 2.910 | 0.730 | 2.210 | 0.260 | 0.820 |
| POPGC 50 | 0.000 | 0.813 | 0.000 | 0.000 | 0.000 | 0.813 | 0.813 | 0 | ON | 0.660 | 2.060 | 0.520 | 1.580 | 0.190 | 0.590 |
| POPHC 50 | 0.000 | 1.068 | 0.000 | 0.000 | 0.000 | 1.068 | 1.068 | 0 | ON | 0.140 | 0.450 | 0.110 | 0.360 | 0.030 | 0.090 |
| POPVC 50 | 0.000 | 0.778 | 0.000 | 0.000 | 0.000 | 0.778 | 0.778 | 0 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| POQGC 50 | 0.000 | 1.161 | 0.000 | 0.000 | 0.000 | 1.161 | 1.161 | 0 | ON | 0.990 | 3.200 | 0.780 | 2.450 | 0.290 | 0.910 |
| POQVC 50 | 0.000 | 1.161 | 0.000 | 0.000 | 0.000 | 1.161 | 1.161 | 0 | ON | 1.120 | 3.490 | 0.850 | 2.640 | 0.310 | 0.980 |
| PORGC 50 | 0.000 | 1.029 | 0.000 | 0.000 | 0.000 | 1.029 | 1.029 | 0 | ON | 0.850 | 2.700 | 0.670 | 2.080 | 0.250 | 0.770 |
| PORVC 50 | 0.000 | 1.000 | 0.000 | 0.000 | 0.000 | 1.000 | 1.000 | 0 | ON | 0.940 | 2.840 | 0.710 | 2.150 | 0.260 | 0.800 |
| POKGF 51 | 0.000 | 0.000 | 1.462 | 0.000 | 0.000 | 1.462 | 1.462 | 61 | ON | 0.690 | 2.620 | 0.520 | 1.930 | 0.190 | 0.630 |
| POKHF 51 | 0.000 | 0.000 | 1.255 | 0.000 | 0.000 | 1.255 | 1.255 | 69 | ON | 0.180 | 0.590 | 0.140 | 0.470 | 0.040 | 0.110 |
| POKVF 51 | 0.000 | 0.000 | 0.763 | 0.000 | 0.000 | 0.763 | 0.763 | 34 | ON | 0.620 | 1.990 | 0.470 | 1.490 | 0.170 | 0.530 |
| PODHC 52 | 0.000 | 0.778 | 0.000 | 0.000 | 0.000 | 0.778 | 0.778 | 0 | ON | 0.100 | 0.300 | 0.080 | 0.240 | 0.020 | 0.060 |
| POCGC 52 | 0.000 | 0.204 | 0.000 | 0.000 | 0.000 | 0.204 | 0.204 | 0 | ON | 0.320 | 0.960 | 0.250 | 0.740 | 0.090 | 0.270 |
| POCHC 52 | 0.000 | 0.505 | 0.000 | 0.000 | 0.000 | 0.505 | 0.505 | 0 | ON | 0.070 | 0.210 | 0.050 | 0.170 | 0.020 | 0.040 |
| POMVC 52 | 0.000 | 1.021 | 0.000 | 0.000 | 0.000 | 1.021 | 1.021 | 0 | ON | 0.960 | 2.910 | 0.730 | 2.210 | 0.260 | 0.820 |
| POPGC 52 | 0.000 | 0.813 | 0.000 | 0.000 | 0.000 | 0.813 | 0.813 | 0 | ON | 0.660 | 2.060 | 0.520 | 1.580 | 0.190 | 0.590 |
| POPHC 52 | 0.000 | 1.068 | 0.000 | 0.000 | 0.000 | 1.068 | 1.068 | 0 | ON | 0.140 | 0.450 | 0.110 | 0.360 | 0.030 | 0.090 |
| POPVC 52 | 0.000 | 0.778 | 0.000 | 0.000 | 0.000 | 0.778 | 0.778 | 0 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| POQGC 52 | 0.000 | 1.161 | 0.000 | 0.000 | 0.000 | 1.161 | 1.161 | 0 | ON | 0.990 | 3.200 | 0.780 | 2.450 | 0.290 | 0.910 |
| POQVC 52 | 0.000 | 1.161 | 0.000 | 0.000 | 0.000 | 1.161 | 1.161 | 0 | ON | 1.120 | 3.490 | 0.850 | 2.640 | 0.310 | 0.980 |
| PORGC 52 | 0.000 | 1.029 | 0.000 | 0.000 | 0.000 | 1.029 | 1.029 | 0 | ON | 0.850 | 2.700 | 0.670 | 2.080 | 0.250 | 0.770 |
| PORVC 52 | 0.000 | 1.000 | 0.000 | 0.000 | 0.000 | 1.000 | 1.000 | 0 | ON | 0.940 | 2.840 | 0.710 | 2.150 | 0.260 | 0.800 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POBGC | 1 | 0.08 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PODHC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCGC | 1 | 0.08 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCHC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POKGC | 1 | 0.15 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POKHC | 1 | 0.02 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POKVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POMVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPGC | 1 | 0.08 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPHC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POQGC | 1 | 0.08 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POQVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PORGC | 1 | 0.08 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PORVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POSVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PODHC | 2 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCGC | 2 | 0.33 | 1.01 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| POCHC | 2 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POMVC | 2 | 1.65 | 5.41 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| POPGC | 2 | 0.66 | 2.06 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| POPHC | 2 | 0.14 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPVC | 2 | 0.75 | 2.22 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| POQGC | 2 | 0.99 | 3.20 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| POQVC | 2 | 1.15 | 3.59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| PORGC | 2 | 1.21 | 3.97 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| PORVC | 2 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| POBGC | 3 | 0.08 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PODHC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCGC | 3 | 0.08 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCHC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POKGC | 3 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POKHC | 3 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POKVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POMVC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPGC | 3 | 0.08 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPHC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POPVC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POQGC | 3 | 0.08 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POQVC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PORGC | 3 | 0.08 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PORVC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POSVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PODHC | 4 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCGC | 4 | 0.33 | 1.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCHC | 4 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POMVC | 4 | 1.64 | 5.39 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| POPGC | 4 | 0.67 | 2.10 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| POPHC | 4 | 0.14 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPVC | 4 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| POQGC | 4 | 1.01 | 3.25 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| POQVC | 4 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| PORGC | 4 | 1.23 | 4.04 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| PORVC | 4 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| POAGS | 5 | 1.40 | 4.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POAHS | 5 | 0.08 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POAVS | 5 | 0.02 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POBGF | 6 | 3.62 | 17.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| PODHC | 6 | 1.71 | 7.74 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.05 | 0.69 | 0.03 | 0.26 | 0.00 | 0.00 |
| POCGC | 6 | 3.63 | 13.66 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| POCHC | 6 | 0.86 | 3.51 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| POKGF | 6 | 6.73 | 33.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 0.00 | 0.00 |
| POKHF | 6 | 1.73 | 7.87 | 0.15 | 21.28 | 6.26 | 89.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| POKVF | 6 | 5.30 | 27.22 | 53.39 | 1072.78 | 0.00 | 0.00 | 0.00 | 0.00 | 22.47 | 504.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 0.00 | 0.00 |
| POMVC | 6 | 10.23 | 47.09 | 508.49 | 1072.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 267.51 | 495.88 | 0.00 | 0.00 | 2.42 | 51.83 | 120.30 | 179.59 |
| POPGC | 6 | 4.19 | 16.14 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| POPHC | 6 | 0.95 | 3.95 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| POPVC | 6 | 3.98 | 15.40 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| POQGC | 6 | 5.33 | 21.39 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| POQVC | 6 | 5.24 | 21.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| PORGC | 6 | 7.07 | 29.79 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| PORVC | 6 | 6.71 | 28.74 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| POSVF | 6 | 4.88 | 24.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 51.83 | 0.92 | 179.59 |
| POBGF | 7 | 2.19 | 9.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PODHC 7 | 1.03 | 4.30 | 0.15 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 2.42 | 0.05 | 0.15 | 0.03 | 0.07 | 0.00 | 0.00 |
| POCGC 7 | 2.26 | 7.95 | 1.72 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.00 | 0.00 |
| POCHC 7 | 0.51 | 1.95 | 0.03 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 |
| POKGF 7 | 4.10 | 19.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| POKHF 7 | 1.04 | 4.37 | 0.15 | 0.68 | 6.26 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| POKVF 7 | 3.23 | 15.46 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 4.94 | 35.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| POMVC 7 | 6.55 | 27.89 | 53.39 | 1072.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| POPGC 7 | 2.62 | 9.40 | 1.72 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| POPHC 7 | 0.57 | 2.20 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| POPVC 7 | 2.52 | 8.92 | 1.72 | 21.28 | 0.00 | 0.00 | 6.66 | 49.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| POQGC 7 | 3.36 | 12.50 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| POQVC 7 | 3.33 | 12.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| PORGC 7 | 4.49 | 17.49 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| PORVC 7 | 4.28 | 16.81 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| POSVF 7 | 2.97 | 14.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| POAGF A07 | 0.15 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POAHF A07 | 0.04 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POAVF A07 | 0.11 | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POAGF 8 | 1.24 | 4.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POAHF 8 | 0.24 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POAVF 8 | 0.92 | 3.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POBGS 9 | 6.31 | 23.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| PODHC 9 | 0.76 | 3.02 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| POCGC 9 | 3.49 | 13.07 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| POCHC 9 | 0.38 | 1.39 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.01 | 0.00 | 0.00 |
| POKGS 9 | 8.41 | 45.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 0.00 | 0.00 |
| POKHS 9 | 0.76 | 2.94 | 0.03 | 0.68 | 2.40 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| POKVS 9 | 0.19 | 0.68 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POMVC 9 | 4.75 | 19.05 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| POPGC 9 | 4.03 | 15.45 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| POPHC 9 | 0.42 | 1.56 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.01 | 0.00 | 0.00 |
| POPVC 9 | 1.81 | 6.03 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| POQGC 9 | 5.14 | 20.01 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| POQVC 9 | 2.40 | 8.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| PORGC 9 | 8.19 | 32.89 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| PORVC 9 | 3.09 | 11.41 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| POSVS 9 | 0.17 | 0.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POBGF 10 | 3.62 | 17.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| PODHC 10 | 1.71 | 7.74 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.05 | 0.69 | 0.03 | 0.26 | 0.00 | 0.00 |
| POCGC 10 | 3.63 | 13.66 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| POCHC 10 | 0.86 | 3.51 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| POKGF 10 | 6.73 | 33.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 0.00 | 0.00 |
| POKHF 10 | 1.73 | 7.87 | 0.15 | 21.28 | 6.26 | 89.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| POKVF 10 | 5.30 | 27.22 | 53.39 | 1072.78 | 0.00 | 0.00 | 0.00 | 0.00 | 22.47 | 504.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 0.00 | 0.00 |
| POMVC 10 | 10.23 | 47.09 | 508.49 | 1072.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 267.51 | 495.88 | 0.00 | 0.00 | 2.42 | 51.83 | 120.30 | 179.59 |
| POPGC 10 | 4.19 | 16.14 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| POPHC 10 | 0.95 | 3.95 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| POPVC 10 | 3.98 | 15.40 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| POQGC 10 | 5.33 | 21.39 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| POQVC 10 | 5.24 | 21.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| PORGC 10 | 7.07 | 29.79 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| PORVC 10 | 6.71 | 28.74 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| POSVF 10 | 4.88 | 24.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 51.83 | 0.92 | 179.59 |
| POBGF 11 | 1.95 | 8.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| POKGF 11 | 3.66 | 17.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| POKHF 11 | 0.93 | 3.83 | 0.03 | 0.68 | 2.40 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| POKVF 11 | 2.89 | 13.56 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 4.94 | 35.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| POSVF 11 | 2.65 | 12.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| POBGS 12 | 6.47 | 24.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| PODHC 12 | 0.80 | 3.23 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| POCGC 12 | 3.69 | 13.95 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| POCHC 12 | 0.41 | 1.49 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.01 | 0.00 | 0.00 |
| POKGS 12 | 8.57 | 46.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 0.00 | 0.00 |
| POKHS 12 | 0.78 | 3.01 | 0.03 | 0.68 | 2.40 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| POKVS 12 | 0.19 | 0.70 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POMVC 12 | 5.01 | 20.31 | 53.39 | 1072.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| POPGC 12 | 4.23 | 16.27 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| POPHC 12 | 0.45 | 1.67 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.01 | 0.00 | 0.00 |
| POPVC 12 | 1.91 | 6.44 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| POQGC 12 | 5.35 | 20.89 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| POQVC 12 | 2.53 | 8.99 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| PORGC 12 | 7.05 | 28.17 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| PORVC 12 | 3.27 | 12.18 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| POSVS 12 | 0.17 | 0.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POBGF 13 | 2.20 | 9.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| PODHC 13 | 1.03 | 4.30 | 0.15 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 2.42 | 0.05 | 0.15 | 0.03 | 0.07 | 0.00 | 0.00 |
| POCGC 13 | 2.27 | 8.02 | 1.72 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.00 | 0.00 |
| POCHC 13 | 0.51 | 1.96 | 0.03 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 |
| POKGF 13 | 4.10 | 19.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| POKHF 13 | 1.04 | 4.37 | 0.15 | 0.68 | 6.26 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| POKVF 13 | 3.24 | 15.48 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 4.94 | 35.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| POMVC 13 | 6.55 | 27.90 | 53.39 | 1072.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| POPGC 13 | 2.63 | 9.47 | 1.72 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| POPHC 13 | 0.57 | 2.20 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| POPVC 13 | 2.52 | 8.94 | 1.72 | 21.28 | 0.00 | 0.00 | 6.66 | 49.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| POQGC 13 | 3.37 | 12.55 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| POQVC 13 | 3.33 | 12.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| PORGC 13 | 4.50 | 17.53 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| PORVC 13 | 4.28 | 16.82 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| POSVF 13 | 2.98 | 14.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| POBGF 14 | 2.52 | 9.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| POKGF 14 | 4.48 | 18.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| POKHF 14 | 0.95 | 3.94 | 0.03 | 0.68 | 2.40 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| POKVF 14 | 3.61 | 15.23 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 4.94 | 35.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| POSVF 14 | 3.34 | 13.91 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| POBGS 15 | 0.47 | 1.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| PODHC 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCGC 15 | 0.05 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCHC 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POKGS 15 | 0.47 | 1.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| POKHS 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POKVS 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POMVC 15 | 1.64 | 5.39 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| POPGC 15 | 0.09 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPHC 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPVC 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POQGC 15 | 0.11 | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POQVC 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PORGC 15 | 1.22 | 4.03 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| PORVC 15 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| POSVS 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POBGF | 16 | 3.62 | 17.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| PODHC | 16 | 1.71 | 7.74 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.05 | 0.69 | 0.03 | 0.26 | 0.00 | 0.00 |
| POCGC | 16 | 3.63 | 13.66 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| POCHC | 16 | 0.86 | 3.51 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| POKGF | 16 | 6.73 | 33.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 0.00 | 0.00 |
| POKHF | 16 | 1.73 | 7.87 | 0.15 | 21.28 | 6.26 | 89.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| POKVF | 16 | 5.30 | 27.22 | 53.39 | 1072.78 | 0.00 | 0.00 | 0.00 | 0.00 | 22.47 | 504.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 0.00 | 0.00 |
| POMVC | 16 | 10.23 | 47.09 | 508.49 | 1072.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 267.51 | 495.88 | 0.00 | 0.00 | 2.42 | 51.83 | 120.30 | 179.59 |
| POPGC | 16 | 4.19 | 16.14 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| POPHC | 16 | 0.95 | 3.95 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| POPVC | 16 | 3.98 | 15.40 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| POQGC | 16 | 5.33 | 21.39 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| POQVC | 16 | 5.24 | 21.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| PORGC | 16 | 7.07 | 29.79 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| PORVC | 16 | 6.71 | 28.74 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| POSVF | 16 | 4.88 | 24.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 51.83 | 0.92 | 179.59 |
| POBGF | 17 | 0.78 | 2.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| POKGF | 17 | 2.04 | 7.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.00 | 0.00 |
| POKHF | 17 | 0.41 | 1.50 | 0.00 | 0.07 | 0.00 | 2.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| POKVF | 17 | 1.64 | 6.06 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.86 | 9.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.00 | 0.00 |
| POSVF | 17 | 1.51 | 5.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| POBGS | 18 | 0.30 | 1.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| PODHC | 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCGC | 18 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCHC | 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POKGS | 18 | 0.32 | 1.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| POKHS | 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POKVS | 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POMVC | 18 | 1.64 | 5.39 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| POPGC | 18 | 0.04 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPHC | 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPVC | 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POQGC | 18 | 0.05 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POQVC | 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PORGC | 18 | 1.22 | 4.02 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| PORVC | 18 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| POSVS | 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POBGF 19 | 2.19 | 9.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| PODHC 19 | 1.03 | 4.30 | 0.15 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 2.42 | 0.05 | 0.15 | 0.03 | 0.07 | 0.00 | 0.00 |
| POCGC 19 | 2.26 | 7.95 | 1.72 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.00 | 0.00 |
| POCHC 19 | 0.51 | 1.95 | 0.03 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 |
| POKGF 19 | 4.10 | 19.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| POKHF 19 | 1.04 | 4.37 | 0.15 | 0.68 | 6.26 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| POKVF 19 | 3.23 | 15.46 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 4.94 | 35.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| POMVC 19 | 6.55 | 27.89 | 53.39 | 1072.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| POPGC 19 | 2.62 | 9.40 | 1.72 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| POPHC 19 | 0.57 | 2.20 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| POPVC 19 | 2.52 | 8.92 | 1.72 | 21.28 | 0.00 | 0.00 | 6.66 | 49.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| POQGC 19 | 3.36 | 12.50 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| POQVC 19 | 3.33 | 12.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| PORGC 19 | 4.49 | 17.49 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| PORVC 19 | 4.28 | 16.81 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| POSVF 19 | 2.97 | 14.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| POBGF 20 | 0.51 | 1.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.02 |
| POKGF 20 | 0.51 | 1.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 |
| POKHF 20 | 0.06 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POKVF 20 | 0.20 | 0.60 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POSVF 20 | 0.20 | 0.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POAGS 21 | 1.40 | 4.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POAHS 21 | 0.08 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POAVS 21 | 0.02 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POAGF 22 | 1.24 | 4.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POAHF 22 | 0.24 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POAVF 22 | 0.92 | 3.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POBGC 25 | 0.46 | 1.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| PODHC 25 | 0.02 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCGC 25 | 0.04 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCHC 25 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POKGC 25 | 1.25 | 5.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.00 | 0.00 |
| POKHC 25 | 0.41 | 1.50 | 0.00 | 0.07 | 0.00 | 2.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| POKVC 25 | 1.00 | 4.16 | 0.15 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.86 | 2.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.00 | 0.00 |
| POMVC 25 | 0.07 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPGC 25 | 0.07 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPHC 25 | 0.03 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POPVC 25 | 0.05 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POQGC 25 | 0.04 | 0.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POQVC 25 | 0.08 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PORGC 25 | 0.09 | 0.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PORVC 25 | 0.07 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POSVC 25 | 0.92 | 3.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| POBGC 26 | 1.67 | 7.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| PODHC 26 | 1.03 | 4.30 | 0.15 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 2.42 | 0.05 | 0.15 | 0.03 | 0.07 | 0.00 | 0.00 |
| POCGC 26 | 2.26 | 7.95 | 1.72 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.00 | 0.00 |
| POCHC 26 | 0.51 | 1.95 | 0.03 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 |
| POKGC 26 | 3.11 | 16.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| POKHC 26 | 1.04 | 4.37 | 0.15 | 0.68 | 6.26 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| POKVC 26 | 2.50 | 12.91 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 4.94 | 35.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| POMVC 26 | 6.55 | 27.89 | 53.39 | 1072.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| POPGC 26 | 2.62 | 9.40 | 1.72 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| POPHC 26 | 0.57 | 2.20 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| POPVC 26 | 2.52 | 8.92 | 1.72 | 21.28 | 0.00 | 0.00 | 6.66 | 49.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| POQGC 26 | 3.36 | 12.50 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| POQVC 26 | 3.33 | 12.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| PORGC 26 | 4.49 | 17.49 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| PORVC 26 | 4.28 | 16.81 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| POSVC 26 | 2.29 | 11.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| POBGC 29 | 1.67 | 7.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| PODHC 29 | 1.03 | 4.30 | 0.15 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 2.42 | 0.05 | 0.15 | 0.03 | 0.07 | 0.00 | 0.00 |
| POCGC 29 | 2.26 | 7.95 | 1.72 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.00 | 0.00 |
| POCHC 29 | 0.51 | 1.95 | 0.03 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 |
| POKGC 29 | 3.11 | 16.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| POKHC 29 | 1.04 | 4.37 | 0.15 | 0.68 | 6.26 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| POKVC 29 | 2.50 | 12.91 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 4.94 | 35.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| POMVC 29 | 6.55 | 27.89 | 53.39 | 1072.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| POPGC 29 | 2.62 | 9.40 | 1.72 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| POPHC 29 | 0.57 | 2.20 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| POPVC 29 | 2.52 | 8.92 | 1.72 | 21.28 | 0.00 | 0.00 | 6.66 | 49.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| POQGC 29 | 3.36 | 12.50 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| POQVC 29 | 3.33 | 12.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| PORGC 29 | 4.49 | 17.49 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| PORVC 29 | 4.28 | 16.81 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POSVC 29 | 2.29 | 11.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| POBGC 33 | 1.67 | 7.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| PODHC 33 | 1.03 | 4.30 | 0.15 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 2.42 | 0.05 | 0.15 | 0.03 | 0.07 | 0.00 | 0.00 |
| POCGC 33 | 2.26 | 7.95 | 1.72 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.00 | 0.00 |
| POCHC 33 | 0.51 | 1.95 | 0.03 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 |
| POKGC 33 | 3.11 | 16.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| POKHC 33 | 1.04 | 4.37 | 0.15 | 0.68 | 6.26 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| POKVC 33 | 2.50 | 12.91 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 4.94 | 35.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| POMVC 33 | 6.55 | 27.89 | 53.39 | 1072.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| POPGC 33 | 2.62 | 9.40 | 1.72 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| POPHC 33 | 0.57 | 2.20 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| POPVC 33 | 2.52 | 8.92 | 1.72 | 21.28 | 0.00 | 0.00 | 6.66 | 49.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| POQGC 33 | 3.36 | 12.50 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| POQVC 33 | 3.33 | 12.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| PORGC 33 | 4.49 | 17.49 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| PORVC 33 | 4.28 | 16.81 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| POSVC 33 | 2.29 | 11.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| POAGC 41 | 1.68 | 6.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POAHC 41 | 0.45 | 1.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POAVC 41 | 0.33 | 1.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POBGC 42 | 0.78 | 2.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| PODHC 42 | 0.19 | 0.66 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCGC 42 | 0.39 | 1.25 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| POCHC 42 | 0.14 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POKGC 42 | 1.02 | 3.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.00 | 0.00 |
| POKHC 42 | 0.28 | 0.99 | 0.00 | 0.01 | 0.00 | 1.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POKVC 42 | 1.64 | 6.06 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.86 | 9.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.00 | 0.00 |
| POMVC 42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPGC 42 | 0.65 | 2.20 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| POPHC 42 | 0.22 | 0.77 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPVC 42 | 0.98 | 3.37 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| POQGC 42 | 0.73 | 2.50 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| POQVC 42 | 1.15 | 4.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| PORGC 42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PORVC 42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POSVC 42 | 1.51 | 5.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| POKGC 43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POKHC 43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POKVC 43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POSVC 43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POBGC 43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POKGC 44 | 6.50 | 28.87 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 0.00 | 0.00 |
| POKHC 44 | 1.94 | 8.99 | 0.15 | 21.28 | 6.26 | 89.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| POKVC 44 | 10.15 | 46.67 | 508.49 | 1072.78 | 0.00 | 0.00 | 0.00 | 0.00 | 82.34 | 504.77 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 51.83 | 0.00 | 0.00 |
| POSVC 44 | 9.41 | 42.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| POBGC 44 | 2.70 | 10.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| POKGF 45 | 0.93 | 3.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.00 | 0.00 |
| POKHF 45 | 0.23 | 0.80 | 0.00 | 0.01 | 0.00 | 1.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POKVF 45 | 0.88 | 3.40 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.22 | 2.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.00 | 0.00 |
| PODHC 46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCGC 46 | 0.10 | 0.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCHC 46 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POMVC 46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPGC 46 | 0.23 | 0.70 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPHC 46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPVC 46 | 0.19 | 0.56 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POQGC 46 | 0.60 | 1.87 | 0.03 | 0.07 | 0.00 | 0.00 | 0.01 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.02 |
| POQVC 46 | 0.47 | 1.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| PORGC 46 | 0.08 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PORVC 46 | 0.27 | 0.76 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PODHC 47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCGC 47 | 0.12 | 0.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCHC 47 | 0.02 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POMVC 47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPGC 47 | 0.27 | 0.82 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPHC 47 | 0.02 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPVC 47 | 0.22 | 0.64 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POQGC 47 | 0.50 | 1.53 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| POQVC 47 | 0.50 | 1.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| PORGC 47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PORVC 47 | 0.30 | 0.85 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PODHC 48 | 0.71 | 2.84 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| POCGC 48 | 2.26 | 7.97 | 1.72 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.00 | 0.00 |
| POCHC 48 | 0.51 | 1.95 | 0.03 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POMVC | 48 | 6.55 | 27.90 | 53.39 | 1072.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| POPGC | 48 | 2.63 | 9.47 | 1.72 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| POPHC | 48 | 0.57 | 2.21 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| POPVC | 48 | 2.52 | 8.93 | 1.72 | 21.28 | 0.00 | 0.00 | 6.66 | 49.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| POQGC | 48 | 3.40 | 12.68 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| POQVC | 48 | 3.37 | 12.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| PORGC | 48 | 4.50 | 17.55 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| PORVC | 48 | 4.29 | 16.86 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| PODHC | 49 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCGC | 49 | 0.32 | 0.96 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCHC | 49 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POMVC | 49 | 0.96 | 2.91 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| POPGC | 49 | 0.66 | 2.06 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| POPHC | 49 | 0.14 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPVC | 49 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| POQGC | 49 | 0.99 | 3.20 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| POQVC | 49 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| PORGC | 49 | 0.85 | 2.70 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| PORVC | 49 | 0.94 | 2.84 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| PODHC | 50 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCGC | 50 | 0.32 | 0.96 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCHC | 50 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POMVC | 50 | 0.96 | 2.91 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| POPGC | 50 | 0.66 | 2.06 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| POPHC | 50 | 0.14 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPVC | 50 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| POQGC | 50 | 0.99 | 3.20 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| POQVC | 50 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| PORGC | 50 | 0.85 | 2.70 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| PORVC | 50 | 0.94 | 2.84 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| POKGF | 51 | 0.69 | 2.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.00 | 0.00 |
| POKHF | 51 | 0.18 | 0.59 | 0.00 | 0.01 | 0.00 | 1.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POKVF | 51 | 0.62 | 1.99 | 0.03 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.22 | 0.37 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 |
| PODHC | 52 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCGC | 52 | 0.32 | 0.96 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCHC | 52 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POMVC | 52 | 0.96 | 2.91 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POPGC 52 | 0.66 | 2.06 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| POPHC 52 | 0.14 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPVC 52 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| POQGC 52 | 0.99 | 3.20 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| POQVC 52 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| PORGC 52 | 0.85 | 2.70 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| PORVC 52 | 0.94 | 2.84 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POBGC | 1 | 0.08 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PODHC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCGC | 1 | 0.08 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCHC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POKGC | 1 | 0.15 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POKHC | 1 | 0.02 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POKVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POMVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPGC | 1 | 0.08 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPHC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POQGC | 1 | 0.08 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POQVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PORGC | 1 | 0.08 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PORVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POSVC | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PODHC | 2 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCGC | 2 | 0.33 | 1.01 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 |
| POCHC | 2 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POMVC | 2 | 1.65 | 5.41 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| POPGC | 2 | 0.66 | 2.06 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| POPHC | 2 | 0.14 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPVC | 2 | 0.75 | 2.22 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| POQGC | 2 | 0.99 | 3.20 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| POQVC | 2 | 1.15 | 3.59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| PORGC | 2 | 1.21 | 3.97 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| PORVC | 2 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| POBGC | 3 | 0.08 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PODHC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCGC | 3 | 0.08 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCHC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POKGC | 3 | 0.14 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POKHC | 3 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POKVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POMVC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPGC | 3 | 0.08 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPHC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POPVC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POOGC | 3 | 0.08 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POOVC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PORGC | 3 | 0.08 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PORVC | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POSVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PODHC | 4 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCGC | 4 | 0.33 | 1.00 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 |
| POCHC | 4 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POMVC | 4 | 1.64 | 5.39 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| POPGC | 4 | 0.67 | 2.10 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| POPHC | 4 | 0.14 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPVC | 4 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| POOGC | 4 | 1.01 | 3.25 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| POOVC | 4 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| PORGC | 4 | 1.23 | 4.04 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| PORVC | 4 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| POAGS | 5 | 1.40 | 4.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POAHS | 5 | 0.08 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POAVS | 5 | 0.02 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POBGF | 6 | 3.62 | 17.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| PODHC | 6 | 1.71 | 7.74 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.16 | 2.85 | 0.08 | 0.42 | 0.00 | 0.00 |
| POCGC | 6 | 3.63 | 13.66 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| POCHC | 6 | 0.86 | 3.51 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| POKGF | 6 | 6.73 | 33.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.00 | 0.00 |
| POKHF | 6 | 1.73 | 7.87 | 0.63 | 57.27 | 96.96 | 834.65 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| POKVF | 6 | 5.30 | 27.22 | 151.19 | 4986.01 | 0.00 | 0.00 | 0.00 | 0.00 | 41.80 | 2541.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.00 | 0.00 |
| POMVC | 6 | 10.23 | 47.09 | 2625.48 | 4986.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2013.65 | 5359.40 | 0.00 | 0.00 | 4.17 | 1072.28 | 1393.31 | 2524.63 |
| POPGC | 6 | 4.19 | 16.14 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| POPHC | 6 | 0.95 | 3.95 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| POPVC | 6 | 3.98 | 15.40 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| POOGC | 6 | 5.33 | 21.39 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| POOVC | 6 | 5.24 | 21.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| PORGC | 6 | 7.07 | 29.79 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| PORVC | 6 | 6.71 | 28.74 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| POSVF | 6 | 4.88 | 24.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1072.28 | 3.21 | 2524.63 |
| POBGF | 7 | 2.19 | 9.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PODHC 7 | 1.03 | 4.30 | 0.63 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 20.08 | 0.16 | 0.72 | 0.08 | 0.17 | 0.00 | 0.00 |
| POCGC 7 | 2.26 | 7.95 | 5.82 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 0.00 | 0.00 |
| POCHC 7 | 0.51 | 1.95 | 0.19 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.11 | 0.04 | 0.05 | 0.00 | 0.00 |
| POKGF 7 | 4.10 | 19.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| POKHF 7 | 1.04 | 4.37 | 0.63 | 2.85 | 96.96 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| POKVF 7 | 3.23 | 15.46 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 9.19 | 141.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| POMVC 7 | 6.55 | 27.89 | 151.19 | 4986.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| POPGC 7 | 2.62 | 9.40 | 5.82 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| POPHC 7 | 0.57 | 2.20 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| POPVC 7 | 2.52 | 8.92 | 5.82 | 57.27 | 0.00 | 0.00 | 29.38 | 468.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| POQGC 7 | 3.36 | 12.50 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| POQVC 7 | 3.33 | 12.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| PORGC 7 | 4.49 | 17.49 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| PORVC 7 | 4.28 | 16.81 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| POSVF 7 | 2.97 | 14.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| POAGF A07 | 0.15 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POAHF A07 | 0.04 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POAVF A07 | 0.11 | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POAGF 8 | 1.24 | 4.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POAHF 8 | 0.24 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POAVF 8 | 0.92 | 3.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POBGS 9 | 6.31 | 23.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| PODHC 9 | 0.76 | 3.02 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| POCGC 9 | 3.49 | 13.07 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| POCHC 9 | 0.38 | 1.39 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 | 0.00 | 0.05 | 0.00 | 0.00 |
| POKGS 9 | 8.41 | 45.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.00 | 0.00 |
| POKHS 9 | 0.76 | 2.94 | 0.19 | 2.85 | 67.78 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| POKVS 9 | 0.19 | 0.68 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 |
| POMVC 9 | 4.75 | 19.05 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| POPGC 9 | 4.03 | 15.45 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| POPHC 9 | 0.42 | 1.56 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 | 0.00 | 0.05 | 0.00 | 0.00 |
| POPVC 9 | 1.81 | 6.03 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| POQGC 9 | 5.14 | 20.01 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| POQVC 9 | 2.40 | 8.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| PORGC 9 | 8.19 | 32.89 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| PORVC 9 | 3.09 | 11.41 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| POSVS 9 | 0.17 | 0.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POBGF | 10 | 3.62 | 17.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| PODHC | 10 | 1.71 | 7.74 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.16 | 2.85 | 0.08 | 0.42 | 0.00 | 0.00 |
| POCGC | 10 | 3.63 | 13.66 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| POCHC | 10 | 0.86 | 3.51 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| POKGF | 10 | 6.73 | 33.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.00 | 0.00 |
| POKHF | 10 | 1.73 | 7.87 | 0.63 | 57.27 | 96.96 | 834.65 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| POKVF | 10 | 5.30 | 27.22 | 151.19 | 4986.01 | 0.00 | 0.00 | 0.00 | 0.00 | 41.80 | 2541.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.00 | 0.00 |
| POMVC | 10 | 10.23 | 47.09 | 2625.48 | 4986.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2013.65 | 5359.40 | 0.00 | 0.00 | 4.17 | 1072.28 | 1393.31 | 2524.63 |
| POPGC | 10 | 4.19 | 16.14 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| POPHC | 10 | 0.95 | 3.95 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| POPVC | 10 | 3.98 | 15.40 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| POQGC | 10 | 5.33 | 21.39 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| POQVC | 10 | 5.24 | 21.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| PORGC | 10 | 7.07 | 29.79 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| PORVC | 10 | 6.71 | 28.74 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| POSVF | 10 | 4.88 | 24.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1072.28 | 3.21 | 2524.63 |
| POBGF | 11 | 1.95 | 8.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| POKGF | 11 | 3.66 | 17.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| POKHF | 11 | 0.93 | 3.83 | 0.19 | 2.85 | 67.78 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| POKVF | 11 | 2.89 | 13.56 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 9.19 | 141.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| POSVF | 11 | 2.65 | 12.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| POBGS | 12 | 6.47 | 24.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| PODHC | 12 | 0.80 | 3.23 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| POCGC | 12 | 3.69 | 13.95 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| POCHC | 12 | 0.41 | 1.49 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 | 0.00 | 0.05 | 0.00 | 0.00 |
| POKGS | 12 | 8.57 | 46.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.00 | 0.00 |
| POKHS | 12 | 0.78 | 3.01 | 0.19 | 2.85 | 67.78 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| POKVS | 12 | 0.19 | 0.70 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 |
| POMVC | 12 | 5.01 | 20.31 | 151.19 | 4986.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| POPGC | 12 | 4.23 | 16.27 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| POPHC | 12 | 0.45 | 1.67 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 | 0.00 | 0.05 | 0.00 | 0.00 |
| POPVC | 12 | 1.91 | 6.44 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| POQGC | 12 | 5.35 | 20.89 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| POQVC | 12 | 2.53 | 8.99 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| PORGC | 12 | 7.05 | 28.17 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| PORVC | 12 | 3.27 | 12.18 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| POSVS | 12 | 0.17 | 0.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POBGF | 13 | 2.20 | 9.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| PODHC | 13 | 1.03 | 4.30 | 0.63 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 20.08 | 0.16 | 0.72 | 0.08 | 0.17 | 0.00 | 0.00 |
| POCGC | 13 | 2.27 | 8.02 | 5.82 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 0.00 | 0.00 |
| POCHC | 13 | 0.51 | 1.96 | 0.19 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.11 | 0.04 | 0.05 | 0.00 | 0.00 |
| POKGF | 13 | 4.10 | 19.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| POKHF | 13 | 1.04 | 4.37 | 0.63 | 2.85 | 96.96 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| POKVF | 13 | 3.24 | 15.48 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 9.19 | 141.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| POMVC | 13 | 6.55 | 27.90 | 151.19 | 4986.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| POPGC | 13 | 2.63 | 9.47 | 5.82 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| POPHC | 13 | 0.57 | 2.20 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| POPVC | 13 | 2.52 | 8.94 | 5.82 | 57.27 | 0.00 | 0.00 | 29.38 | 468.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| POQGC | 13 | 3.37 | 12.55 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| POQVC | 13 | 3.33 | 12.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| PORGC | 13 | 4.50 | 17.53 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| PORVC | 13 | 4.28 | 16.82 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| POSVF | 13 | 2.98 | 14.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| POBGF | 14 | 2.52 | 9.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| POKGF | 14 | 4.48 | 18.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| POKHF | 14 | 0.95 | 3.94 | 0.19 | 2.85 | 67.78 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| POKVF | 14 | 3.61 | 15.23 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 9.19 | 141.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| POSVF | 14 | 3.34 | 13.91 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| POBGS | 15 | 0.47 | 1.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| PODHC | 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCGC | 15 | 0.05 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCHC | 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POKGS | 15 | 0.47 | 1.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 |
| POKHS | 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POKVS | 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POMVC | 15 | 1.64 | 5.39 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| POPGC | 15 | 0.09 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPHC | 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPVC | 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POQGC | 15 | 0.11 | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POQVC | 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PORGC | 15 | 1.22 | 4.03 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| PORVC | 15 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| POSVS | 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POBGF | 16 | 3.62 | 17.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| PODHC | 16 | 1.71 | 7.74 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.16 | 2.85 | 0.08 | 0.42 | 0.00 | 0.00 |
| POCGC | 16 | 3.63 | 13.66 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| POCHC | 16 | 0.86 | 3.51 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| POKGF | 16 | 6.73 | 33.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.00 | 0.00 |
| POKHF | 16 | 1.73 | 7.87 | 0.63 | 57.27 | 96.96 | 834.65 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| POKVF | 16 | 5.30 | 27.22 | 151.19 | 4986.01 | 0.00 | 0.00 | 0.00 | 0.00 | 41.80 | 2541.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.00 | 0.00 |
| POMVC | 16 | 10.23 | 47.09 | 2625.48 | 4986.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2013.65 | 5359.40 | 0.00 | 0.00 | 4.17 | 1072.28 | 1393.31 | 2524.63 |
| POPGC | 16 | 4.19 | 16.14 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| POPHC | 16 | 0.95 | 3.95 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| POPVC | 16 | 3.98 | 15.40 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| POQGC | 16 | 5.33 | 21.39 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| POQVC | 16 | 5.24 | 21.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| PORGC | 16 | 7.07 | 29.79 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| PORVC | 16 | 6.71 | 28.74 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| POSVF | 16 | 4.88 | 24.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1072.28 | 3.21 | 2524.63 |
| POBGF | 17 | 0.78 | 2.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| POKGF | 17 | 2.04 | 7.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 0.00 | 0.00 |
| POKHF | 17 | 0.41 | 1.50 | 0.00 | 0.41 | 0.00 | 83.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.16 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| POKVF | 17 | 1.64 | 6.06 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 3.46 | 16.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.00 | 0.00 |
| POSVF | 17 | 1.51 | 5.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| POBGS | 18 | 0.30 | 1.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| PODHC | 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCGC | 18 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCHC | 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POKGS | 18 | 0.32 | 1.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 |
| POKHS | 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POKVS | 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POMVC | 18 | 1.64 | 5.39 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| POPGC | 18 | 0.04 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPHC | 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPVC | 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POQGC | 18 | 0.05 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POQVC | 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PORGC | 18 | 1.22 | 4.02 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| PORVC | 18 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| POSVS | 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POBGF 19 | 2.19 | 9.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| PODHC 19 | 1.03 | 4.30 | 0.63 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 20.08 | 0.16 | 0.72 | 0.08 | 0.17 | 0.00 | 0.00 |
| POCGC 19 | 2.26 | 7.95 | 5.82 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 0.00 | 0.00 |
| POCHC 19 | 0.51 | 1.95 | 0.19 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.11 | 0.04 | 0.05 | 0.00 | 0.00 |
| POKGF 19 | 4.10 | 19.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| POKHF 19 | 1.04 | 4.37 | 0.63 | 2.85 | 96.96 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| POKVF 19 | 3.23 | 15.46 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 9.19 | 141.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| POMVC 19 | 6.55 | 27.89 | 151.19 | 4986.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| POPGC 19 | 2.62 | 9.40 | 5.82 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| POPHC 19 | 0.57 | 2.20 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| POPVC 19 | 2.52 | 8.92 | 5.82 | 57.27 | 0.00 | 0.00 | 29.38 | 468.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| POQGC 19 | 3.36 | 12.50 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| POQVC 19 | 3.33 | 12.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| PORGC 19 | 4.49 | 17.49 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| PORVC 19 | 4.28 | 16.81 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| POSVF 19 | 2.97 | 14.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| POBGF 20 | 0.51 | 1.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.05 | 0.07 | 0.26 |
| POKGF 20 | 0.51 | 1.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.05 | 0.00 | 0.00 |
| POKHF 20 | 0.06 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POKVF 20 | 0.20 | 0.60 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 |
| POSVF 20 | 0.20 | 0.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| POAGS 21 | 1.40 | 4.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POAHS 21 | 0.08 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POAVS 21 | 0.02 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POAGF 22 | 1.24 | 4.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POAHF 22 | 0.24 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POAVF 22 | 0.92 | 3.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POBGC 25 | 0.46 | 1.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| PODHC 25 | 0.02 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCGC 25 | 0.04 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCHC 25 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POKGC 25 | 1.25 | 5.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.00 | 0.00 |
| POKHC 25 | 0.41 | 1.50 | 0.00 | 0.41 | 0.00 | 83.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.16 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| POKVC 25 | 1.00 | 4.16 | 0.63 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 3.46 | 7.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.00 | 0.00 |
| POMVC 25 | 0.07 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPGC 25 | 0.07 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPHC 25 | 0.03 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POPVC 25 | 0.05 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POQGC 25 | 0.04 | 0.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POQVC 25 | 0.08 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PORGC 25 | 0.09 | 0.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PORVC 25 | 0.07 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POSVC 25 | 0.92 | 3.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| POBGC 26 | 1.67 | 7.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| PODHC 26 | 1.03 | 4.30 | 0.63 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 20.08 | 0.16 | 0.72 | 0.08 | 0.17 | 0.00 | 0.00 |
| POCGC 26 | 2.26 | 7.95 | 5.82 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 0.00 | 0.00 |
| POCHC 26 | 0.51 | 1.95 | 0.19 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.11 | 0.04 | 0.05 | 0.00 | 0.00 |
| POKGC 26 | 3.11 | 16.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| POKHC 26 | 1.04 | 4.37 | 0.63 | 2.85 | 96.96 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| POKVC 26 | 2.50 | 12.91 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 9.19 | 141.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| POMVC 26 | 6.55 | 27.89 | 151.19 | 4986.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| POPGC 26 | 2.62 | 9.40 | 5.82 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| POPHC 26 | 0.57 | 2.20 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| POPVC 26 | 2.52 | 8.92 | 5.82 | 57.27 | 0.00 | 0.00 | 29.38 | 468.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| POQGC 26 | 3.36 | 12.50 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| POQVC 26 | 3.33 | 12.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| PORGC 26 | 4.49 | 17.49 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| PORVC 26 | 4.28 | 16.81 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| POSVC 26 | 2.29 | 11.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| POBGC 29 | 1.67 | 7.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| PODHC 29 | 1.03 | 4.30 | 0.63 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 20.08 | 0.16 | 0.72 | 0.08 | 0.17 | 0.00 | 0.00 |
| POCGC 29 | 2.26 | 7.95 | 5.82 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 0.00 | 0.00 |
| POCHC 29 | 0.51 | 1.95 | 0.19 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.11 | 0.04 | 0.05 | 0.00 | 0.00 |
| POKGC 29 | 3.11 | 16.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| POKHC 29 | 1.04 | 4.37 | 0.63 | 2.85 | 96.96 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| POKVC 29 | 2.50 | 12.91 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 9.19 | 141.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| POMVC 29 | 6.55 | 27.89 | 151.19 | 4986.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| POPGC 29 | 2.62 | 9.40 | 5.82 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| POPHC 29 | 0.57 | 2.20 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| POPVC 29 | 2.52 | 8.92 | 5.82 | 57.27 | 0.00 | 0.00 | 29.38 | 468.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| POQGC 29 | 3.36 | 12.50 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| POQVC 29 | 3.33 | 12.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| PORGC 29 | 4.49 | 17.49 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| PORVC 29 | 4.28 | 16.81 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POSVC 29 | 2.29 | 11.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| POBGC 33 | 1.67 | 7.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| PODHC 33 | 1.03 | 4.30 | 0.63 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 20.08 | 0.16 | 0.72 | 0.08 | 0.17 | 0.00 | 0.00 |
| POCGC 33 | 2.26 | 7.95 | 5.82 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 0.00 | 0.00 |
| POCHC 33 | 0.51 | 1.95 | 0.19 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.11 | 0.04 | 0.05 | 0.00 | 0.00 |
| POKGC 33 | 3.11 | 16.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| POKHC 33 | 1.04 | 4.37 | 0.63 | 2.85 | 96.96 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| POKVC 33 | 2.50 | 12.91 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 9.19 | 141.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| POMVC 33 | 6.55 | 27.89 | 151.19 | 4986.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| POPGC 33 | 2.62 | 9.40 | 5.82 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| POPHC 33 | 0.57 | 2.20 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| POPVC 33 | 2.52 | 8.92 | 5.82 | 57.27 | 0.00 | 0.00 | 29.38 | 468.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| POQGC 33 | 3.36 | 12.50 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| POQVC 33 | 3.33 | 12.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| PORGC 33 | 4.49 | 17.49 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| PORVC 33 | 4.28 | 16.81 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| POSVC 33 | 2.29 | 11.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| POAGC 41 | 1.68 | 6.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POAHC 41 | 0.45 | 1.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POAVC 41 | 0.33 | 1.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POBGC 42 | 0.78 | 2.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| PODHC 42 | 0.19 | 0.66 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.33 | 0.00 | 0.07 | 0.00 | 0.03 | 0.00 | 0.00 |
| POCGC 42 | 0.39 | 1.25 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 |
| POCHC 42 | 0.14 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POKGC 42 | 1.02 | 3.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.00 | 0.00 |
| POKHC 42 | 0.28 | 0.99 | 0.00 | 0.19 | 0.00 | 43.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.33 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| POKVC 42 | 1.64 | 6.06 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 3.46 | 16.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.00 | 0.00 |
| POMVC 42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPGC 42 | 0.65 | 2.20 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| POPHC 42 | 0.22 | 0.77 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.00 | 0.03 | 0.00 | 0.00 |
| POPVC 42 | 0.98 | 3.37 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| POQGC 42 | 0.73 | 2.50 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| POQVC 42 | 1.15 | 4.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| PORGC 42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PORVC 42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POSVC 42 | 1.51 | 5.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| POKGC 43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POKHC 43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POKVC 43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POSVC 43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POBGC 43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POKGC 44 | 6.50 | 28.87 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.00 | 0.00 |
| POKHC 44 | 1.94 | 8.99 | 0.63 | 57.27 | 96.96 | 834.65 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| POKVC 44 | 10.15 | 46.67 | 2625.48 | 4986.01 | 0.00 | 0.00 | 0.00 | 0.00 | 246.23 | 2541.25 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 1072.28 | 0.00 | 0.00 |
| POSVC 44 | 9.41 | 42.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| POBGC 44 | 2.70 | 10.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| POKGF 45 | 0.93 | 3.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.00 | 0.00 |
| POKHF 45 | 0.23 | 0.80 | 0.00 | 0.19 | 0.00 | 43.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.33 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| POKVF 45 | 0.88 | 3.40 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 1.92 | 7.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.00 | 0.00 |
| PODHC 46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCGC 46 | 0.10 | 0.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCHC 46 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POMVC 46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPGC 46 | 0.23 | 0.70 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| POPHC 46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPVC 46 | 0.19 | 0.56 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| POQGC 46 | 0.60 | 1.87 | 0.19 | 0.41 | 0.00 | 0.00 | 0.19 | 0.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.05 | 0.07 | 0.26 |
| POQVC 46 | 0.47 | 1.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| PORGC 46 | 0.08 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PORVC 46 | 0.27 | 0.76 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 1.33 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| PODHC 47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCGC 47 | 0.12 | 0.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCHC 47 | 0.02 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POMVC 47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPGC 47 | 0.27 | 0.82 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| POPHC 47 | 0.02 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPVC 47 | 0.22 | 0.64 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| POQGC 47 | 0.50 | 1.53 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| POQVC 47 | 0.50 | 1.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| PORGC 47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PORVC 47 | 0.30 | 0.85 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 1.33 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| PODHC 48 | 0.71 | 2.84 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| POCGC 48 | 2.26 | 7.97 | 5.82 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 0.00 | 0.00 |
| POCHC 48 | 0.51 | 1.95 | 0.19 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.11 | 0.04 | 0.05 | 0.00 | 0.00 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POMVC 48 | 6.55 | 27.90 | 151.19 | 4986.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| POPGC 48 | 2.63 | 9.47 | 5.82 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| POPHC 48 | 0.57 | 2.21 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| POPVC 48 | 2.52 | 8.93 | 5.82 | 57.27 | 0.00 | 0.00 | 29.38 | 468.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| POQGC 48 | 3.40 | 12.68 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| POQVC 48 | 3.37 | 12.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| PORGC 48 | 4.50 | 17.55 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| PORVC 48 | 4.29 | 16.86 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| PODHC 49 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCGC 49 | 0.32 | 0.96 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 |
| POCHC 49 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POMVC 49 | 0.96 | 2.91 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| POPGC 49 | 0.66 | 2.06 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| POPHC 49 | 0.14 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPVC 49 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| POQGC 49 | 0.99 | 3.20 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| POQVC 49 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| PORGC 49 | 0.85 | 2.70 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| PORVC 49 | 0.94 | 2.84 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| PODHC 50 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCGC 50 | 0.32 | 0.96 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 |
| POCHC 50 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POMVC 50 | 0.96 | 2.91 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| POPGC 50 | 0.66 | 2.06 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| POPHC 50 | 0.14 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPVC 50 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| POQGC 50 | 0.99 | 3.20 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| POQVC 50 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| PORGC 50 | 0.85 | 2.70 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| PORVC 50 | 0.94 | 2.84 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| POKGF 51 | 0.69 | 2.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.00 | 0.00 |
| POKHF 51 | 0.18 | 0.59 | 0.00 | 0.19 | 0.00 | 43.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.33 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| POKVF 51 | 0.62 | 1.99 | 0.19 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 1.92 | 2.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.05 | 0.00 | 0.00 |
| PODHC 52 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POCGC 52 | 0.32 | 0.96 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 |
| POCHC 52 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POMVC 52 | 0.96 | 2.91 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POPGC 52 | 0.66 | 2.06 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| POPHC 52 | 0.14 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| POPVC 52 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| POQGC 52 | 0.99 | 3.20 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| POQVC 52 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| PORGC 52 | 0.85 | 2.70 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| PORVC 52 | 0.94 | 2.84 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POBGC | 1 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC | 1 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGC | 1 | 0.150 | 0.000 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHC | 1 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC | 1 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC | 1 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC | 1 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC | 2 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC | 2 | 0.330 | 0.000 | 0.480 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC | 2 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC | 2 | 1.650 | 0.200 | 0.890 | 0.790 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC | 2 | 0.660 | 0.020 | 0.740 | 0.480 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC | 2 | 0.140 | 0.000 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC | 2 | 0.750 | 0.030 | 0.750 | 0.510 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC | 2 | 0.990 | 0.060 | 0.830 | 0.660 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC | 2 | 1.150 | 0.090 | 0.840 | 0.690 | 0.340 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC | 2 | 1.210 | 0.100 | 0.860 | 0.720 | 0.380 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC | 2 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGC | 3 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC | 3 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGC | 3 | 0.140 | 0.000 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHC | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC | 3 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POQGC | 3 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC | 3 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC | 4 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC | 4 | 0.330 | 0.000 | 0.480 | 0.180 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC | 4 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC | 4 | 1.640 | 0.190 | 0.890 | 0.790 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC | 4 | 0.670 | 0.020 | 0.740 | 0.490 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC | 4 | 0.140 | 0.000 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC | 4 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC | 4 | 1.010 | 0.060 | 0.830 | 0.660 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC | 4 | 1.120 | 0.080 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC | 4 | 1.230 | 0.100 | 0.860 | 0.720 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC | 4 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAGS | 5 | 1.400 | 0.140 | 0.870 | 0.740 | 0.420 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAHS | 5 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAVS | 5 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGF | 6 | 3.620 | 0.960 | 0.950 | 0.900 | 0.760 | 0.520 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC | 6 | 1.710 | 0.210 | 0.880 | 0.770 | 0.460 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC | 6 | 3.630 | 0.960 | 0.950 | 0.910 | 0.770 | 0.550 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC | 6 | 0.860 | 0.040 | 0.760 | 0.520 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGF | 6 | 6.730 | 3.150 | 0.980 | 0.950 | 0.880 | 0.750 | 0.500 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHF | 6 | 1.730 | 0.220 | 0.890 | 0.770 | 0.470 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVF | 6 | 5.300 | 2.000 | 0.970 | 0.930 | 0.830 | 0.670 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC | 6 | 10.230 | 7.010 | 0.980 | 0.970 | 0.920 | 0.850 | 0.700 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC | 6 | 4.190 | 1.270 | 0.960 | 0.920 | 0.810 | 0.610 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC | 6 | 0.950 | 0.050 | 0.790 | 0.570 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC | 6 | 3.980 | 1.150 | 0.960 | 0.920 | 0.790 | 0.580 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC | 6 | 5.330 | 2.020 | 0.970 | 0.940 | 0.850 | 0.700 | 0.430 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC | 6 | 5.240 | 1.950 | 0.970 | 0.940 | 0.850 | 0.690 | 0.420 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC | 6 | 7.070 | 3.460 | 0.980 | 0.960 | 0.890 | 0.780 | 0.550 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC | 6 | 6.710 | 3.140 | 0.980 | 0.950 | 0.880 | 0.760 | 0.520 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVF | 6 | 4.880 | 1.700 | 0.960 | 0.930 | 0.820 | 0.640 | 0.370 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGF | 7 | 2.190 | 0.350 | 0.920 | 0.840 | 0.600 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC | 7 | 1.030 | 0.070 | 0.800 | 0.610 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | .000 | 0.000 | 0.000 |
| POCGC | 7 | 2.260 | 0.380 | 0.930 | 0.850 | 0.630 | 0.350 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POCHC 7 | 0.510 | 0.000 | 0.590 | 0.370 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGF 7 | 4.100 | 1.220 | 0.960 | 0.920 | 0.790 | 0.580 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHF 7 | 1.040 | 0.070 | 0.810 | 0.610 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVF 7 | 3.230 | 0.770 | 0.940 | 0.890 | 0.720 | 0.470 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC 7 | 6.550 | 2.990 | 0.980 | 0.950 | 0.880 | 0.760 | 0.510 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC 7 | 2.620 | 0.500 | 0.940 | 0.870 | 0.680 | 0.420 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC 7 | 0.570 | 0.010 | 0.630 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 7 | 2.520 | 0.470 | 0.930 | 0.860 | 0.660 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 7 | 3.360 | 0.820 | 0.950 | 0.900 | 0.760 | 0.510 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC 7 | 3.330 | 0.810 | 0.950 | 0.900 | 0.750 | 0.500 | 0.180 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC 7 | 4.490 | 1.450 | 0.960 | 0.930 | 0.820 | 0.640 | 0.350 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC 7 | 4.280 | 1.320 | 0.960 | 0.920 | 0.810 | 0.620 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVF 7 | 2.970 | 0.650 | 0.940 | 0.880 | 0.700 | 0.440 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAGF A07 | 0.150 | 0.000 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAHF A07 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAVF A07 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAGF 8 | 1.240 | 0.100 | 0.860 | 0.710 | 0.370 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAHF 8 | 0.240 | 0.000 | 0.340 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAVF 8 | 0.920 | 0.050 | 0.800 | 0.600 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGS 9 | 6.310 | 2.790 | 0.970 | 0.950 | 0.870 | 0.730 | 0.480 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC 9 | 0.760 | 0.030 | 0.730 | 0.480 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 9 | 3.490 | 0.890 | 0.950 | 0.910 | 0.770 | 0.530 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC 9 | 0.380 | 0.000 | 0.480 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGS 9 | 8.410 | 4.820 | 0.980 | 0.960 | 0.900 | 0.810 | 0.620 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHS 9 | 0.760 | 0.030 | 0.730 | 0.480 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVS 9 | 0.190 | 0.000 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC 9 | 4.750 | 1.620 | 0.970 | 0.930 | 0.830 | 0.660 | 0.380 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC 9 | 4.030 | 1.180 | 0.960 | 0.920 | 0.800 | 0.600 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC 9 | 0.420 | 0.000 | 0.500 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 9 | 1.810 | 0.240 | 0.900 | 0.810 | 0.520 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 9 | 5.140 | 1.880 | 0.970 | 0.940 | 0.840 | 0.690 | 0.420 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC 9 | 2.400 | 0.420 | 0.930 | 0.860 | 0.640 | 0.370 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC 9 | 8.190 | 4.590 | 0.980 | 0.960 | 0.900 | 0.810 | 0.620 | 0.180 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC 9 | 3.090 | 0.700 | 0.950 | 0.890 | 0.730 | 0.470 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVS 9 | 0.170 | 0.000 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGF 10 | 3.620 | 0.960 | 0.950 | 0.900 | 0.760 | 0.520 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC 10 | 1.710 | 0.210 | 0.880 | 0.770 | 0.460 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 10 | 3.630 | 0.960 | 0.950 | 0.910 | 0.770 | 0.550 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POCHC 10 | 0.860 | 0.040 | 0.760 | 0.520 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGF 10 | 6.730 | 3.150 | 0.980 | 0.950 | 0.880 | 0.750 | 0.500 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHF 10 | 1.730 | 0.220 | 0.890 | 0.770 | 0.470 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVF 10 | 5.300 | 2.000 | 0.970 | 0.930 | 0.830 | 0.670 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC 10 | 10.230 | 7.010 | 0.980 | 0.970 | 0.920 | 0.850 | 0.700 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC 10 | 4.190 | 1.270 | 0.960 | 0.920 | 0.810 | 0.610 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC 10 | 0.950 | 0.050 | 0.790 | 0.570 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 10 | 3.980 | 1.150 | 0.960 | 0.920 | 0.790 | 0.580 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 10 | 5.330 | 2.020 | 0.970 | 0.940 | 0.850 | 0.700 | 0.430 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC 10 | 5.240 | 1.950 | 0.970 | 0.940 | 0.850 | 0.690 | 0.420 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC 10 | 7.070 | 3.460 | 0.980 | 0.960 | 0.890 | 0.780 | 0.550 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC 10 | 6.710 | 3.140 | 0.980 | 0.950 | 0.880 | 0.760 | 0.520 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVF 10 | 4.880 | 1.700 | 0.960 | 0.930 | 0.820 | 0.640 | 0.370 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGF 11 | 1.950 | 0.280 | 0.910 | 0.820 | 0.550 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGF 11 | 3.660 | 0.970 | 0.950 | 0.910 | 0.760 | 0.530 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHF 11 | 0.930 | 0.050 | 0.780 | 0.560 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVF 11 | 2.890 | 0.610 | 0.940 | 0.880 | 0.690 | 0.430 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVF 11 | 2.650 | 0.520 | 0.930 | 0.860 | 0.660 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGS 12 | 6.470 | 2.920 | 0.970 | 0.950 | 0.870 | 0.740 | 0.490 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC 12 | 0.800 | 0.030 | 0.740 | 0.500 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 12 | 3.690 | 0.990 | 0.960 | 0.910 | 0.780 | 0.560 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC 12 | 0.410 | 0.000 | 0.490 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGS 12 | 8.570 | 5.000 | 0.980 | 0.960 | 0.910 | 0.810 | 0.620 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHS 12 | 0.780 | 0.030 | 0.740 | 0.490 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVS 12 | 0.190 | 0.000 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC 12 | 5.010 | 1.790 | 0.970 | 0.940 | 0.840 | 0.680 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC 12 | 4.230 | 1.290 | 0.960 | 0.920 | 0.810 | 0.620 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC 12 | 0.450 | 0.000 | 0.530 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 12 | 1.910 | 0.270 | 0.910 | 0.820 | 0.540 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 12 | 5.350 | 2.030 | 0.970 | 0.940 | 0.850 | 0.700 | 0.430 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC 12 | 2.530 | 0.470 | 0.930 | 0.870 | 0.660 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC 12 | 7.050 | 3.440 | 0.980 | 0.960 | 0.890 | 0.780 | 0.550 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC 12 | 3.270 | 0.780 | 0.950 | 0.900 | 0.740 | 0.490 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVS 12 | 0.170 | 0.000 | 0.180 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGF 13 | 2.200 | 0.360 | 0.920 | 0.840 | 0.600 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC 13 | 1.030 | 0.070 | 0.800 | 0.610 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 13 | 2.270 | 0.380 | 0.930 | 0.850 | 0.630 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC 13 | 0.510 | 0.000 | 0.590 | 0.370 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POKGF 13 | 4.100 | 1.220 | 0.960 | 0.920 | 0.790 | 0.580 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHF 13 | 1.040 | 0.070 | 0.810 | 0.610 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVF 13 | 3.240 | 0.770 | 0.940 | 0.890 | 0.720 | 0.470 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC 13 | 6.550 | 2.990 | 0.980 | 0.950 | 0.880 | 0.760 | 0.510 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC 13 | 2.630 | 0.510 | 0.940 | 0.870 | 0.690 | 0.420 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC 13 | 0.570 | 0.010 | 0.640 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 13 | 2.520 | 0.470 | 0.930 | 0.860 | 0.660 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 13 | 3.370 | 0.830 | 0.950 | 0.900 | 0.760 | 0.510 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC 13 | 3.330 | 0.810 | 0.950 | 0.900 | 0.750 | 0.500 | 0.180 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC 13 | 4.500 | 1.450 | 0.960 | 0.930 | 0.820 | 0.640 | 0.360 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC 13 | 4.280 | 1.320 | 0.960 | 0.920 | 0.810 | 0.620 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVF 13 | 2.980 | 0.650 | 0.940 | 0.880 | 0.700 | 0.440 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGF 14 | 2.520 | 0.470 | 0.930 | 0.870 | 0.660 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGF 14 | 4.480 | 1.440 | 0.960 | 0.930 | 0.820 | 0.640 | 0.360 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHF 14 | 0.950 | 0.050 | 0.790 | 0.570 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVF 14 | 3.610 | 0.950 | 0.950 | 0.910 | 0.770 | 0.530 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVF 14 | 3.340 | 0.810 | 0.950 | 0.900 | 0.750 | 0.500 | 0.180 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGS 15 | 0.470 | 0.000 | 0.590 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 15 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGS 15 | 0.470 | 0.000 | 0.590 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHS 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVS 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC 15 | 1.640 | 0.190 | 0.890 | 0.790 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC 15 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 15 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC 15 | 1.220 | 0.100 | 0.860 | 0.720 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC 15 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVS 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGF 16 | 3.620 | 0.960 | 0.950 | 0.900 | 0.760 | 0.520 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC 16 | 1.710 | 0.210 | 0.880 | 0.770 | 0.460 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 16 | 3.630 | 0.960 | 0.950 | 0.910 | 0.770 | 0.550 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC 16 | 0.860 | 0.040 | 0.760 | 0.520 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGF 16 | 6.730 | 3.150 | 0.980 | 0.950 | 0.880 | 0.750 | 0.500 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POKHF 16 | 1.730 | 0.220 | 0.890 | 0.770 | 0.470 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVF 16 | 5.300 | 2.000 | 0.970 | 0.930 | 0.830 | 0.670 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC 16 | 10.230 | 7.010 | 0.980 | 0.970 | 0.920 | 0.850 | 0.700 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC 16 | 4.190 | 1.270 | 0.960 | 0.920 | 0.810 | 0.610 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC 16 | 0.950 | 0.050 | 0.790 | 0.570 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 16 | 3.980 | 1.150 | 0.960 | 0.920 | 0.790 | 0.580 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 16 | 5.330 | 2.020 | 0.970 | 0.940 | 0.850 | 0.700 | 0.430 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC 16 | 5.240 | 1.950 | 0.970 | 0.940 | 0.850 | 0.690 | 0.420 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC 16 | 7.070 | 3.460 | 0.980 | 0.960 | 0.890 | 0.780 | 0.550 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC 16 | 6.710 | 3.140 | 0.980 | 0.950 | 0.880 | 0.760 | 0.520 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVF 16 | 4.880 | 1.700 | 0.960 | 0.930 | 0.820 | 0.640 | 0.370 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGF 17 | 0.780 | 0.030 | 0.760 | 0.530 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGF 17 | 2.040 | 0.310 | 0.920 | 0.830 | 0.580 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHF 17 | 0.410 | 0.000 | 0.490 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVF 17 | 1.640 | 0.190 | 0.890 | 0.780 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVF 17 | 1.510 | 0.160 | 0.880 | 0.760 | 0.450 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGS 18 | 0.300 | 0.000 | 0.430 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC 18 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 18 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC 18 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGS 18 | 0.320 | 0.000 | 0.450 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHS 18 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVS 18 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC 18 | 1.640 | 0.190 | 0.890 | 0.790 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC 18 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC 18 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 18 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 18 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC 18 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC 18 | 1.220 | 0.100 | 0.860 | 0.720 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC 18 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVS 18 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGF 19 | 2.190 | 0.350 | 0.920 | 0.840 | 0.600 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC 19 | 1.030 | 0.070 | 0.800 | 0.610 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 19 | 2.260 | 0.380 | 0.930 | 0.850 | 0.630 | 0.350 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC 19 | 0.510 | 0.000 | 0.590 | 0.370 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGF 19 | 4.100 | 1.220 | 0.960 | 0.920 | 0.790 | 0.580 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHF 19 | 1.040 | 0.070 | 0.810 | 0.610 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POKVF 19 | 3.230 | 0.770 | 0.940 | 0.890 | 0.720 | 0.470 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC 19 | 6.550 | 2.990 | 0.980 | 0.950 | 0.880 | 0.760 | 0.510 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC 19 | 2.620 | 0.500 | 0.940 | 0.870 | 0.680 | 0.420 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC 19 | 0.570 | 0.010 | 0.630 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 19 | 2.520 | 0.470 | 0.930 | 0.860 | 0.660 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 19 | 3.360 | 0.820 | 0.950 | 0.900 | 0.760 | 0.510 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC 19 | 3.330 | 0.810 | 0.950 | 0.900 | 0.750 | 0.500 | 0.180 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC 19 | 4.490 | 1.450 | 0.960 | 0.930 | 0.820 | 0.640 | 0.350 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC 19 | 4.280 | 1.320 | 0.960 | 0.920 | 0.810 | 0.620 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVF 19 | 2.970 | 0.650 | 0.940 | 0.880 | 0.700 | 0.440 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGF 20 | 0.510 | 0.000 | 0.630 | 0.370 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGF 20 | 0.510 | 0.000 | 0.630 | 0.370 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHF 20 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVF 20 | 0.200 | 0.000 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVF 20 | 0.200 | 0.000 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAGS 21 | 1.400 | 0.140 | 0.870 | 0.740 | 0.420 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAHS 21 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAVS 21 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAGF 22 | 1.240 | 0.100 | 0.860 | 0.710 | 0.370 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAHF 22 | 0.240 | 0.000 | 0.340 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAVF 22 | 0.920 | 0.050 | 0.800 | 0.600 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGC 25 | 0.460 | 0.000 | 0.590 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC 25 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 25 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC 25 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGC 25 | 1.250 | 0.110 | 0.860 | 0.710 | 0.380 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHC 25 | 0.410 | 0.000 | 0.490 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVC 25 | 1.000 | 0.060 | 0.810 | 0.630 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC 25 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC 25 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC 25 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 25 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 25 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC 25 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC 25 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC 25 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVC 25 | 0.920 | 0.050 | 0.800 | 0.590 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGC 26 | 1.670 | 0.200 | 0.890 | 0.790 | 0.480 | 0.180 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PODHC 26 | 1.030 | 0.070 | 0.800 | 0.610 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 26 | 2.260 | 0.380 | 0.930 | 0.850 | 0.630 | 0.350 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC 26 | 0.510 | 0.000 | 0.590 | 0.370 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGC 26 | 3.110 | 0.710 | 0.950 | 0.890 | 0.730 | 0.470 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHC 26 | 1.040 | 0.070 | 0.810 | 0.610 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVC 26 | 2.500 | 0.460 | 0.930 | 0.860 | 0.640 | 0.370 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC 26 | 6.550 | 2.990 | 0.980 | 0.950 | 0.880 | 0.760 | 0.510 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC 26 | 2.620 | 0.500 | 0.940 | 0.870 | 0.680 | 0.420 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC 26 | 0.570 | 0.010 | 0.630 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 26 | 2.520 | 0.470 | 0.930 | 0.860 | 0.660 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 26 | 3.360 | 0.820 | 0.950 | 0.900 | 0.760 | 0.510 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC 26 | 3.330 | 0.810 | 0.950 | 0.900 | 0.750 | 0.500 | 0.180 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC 26 | 4.490 | 1.450 | 0.960 | 0.930 | 0.820 | 0.640 | 0.350 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC 26 | 4.280 | 1.320 | 0.960 | 0.920 | 0.810 | 0.620 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVC 26 | 2.290 | 0.390 | 0.920 | 0.840 | 0.610 | 0.340 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGC 29 | 1.670 | 0.200 | 0.890 | 0.790 | 0.480 | 0.180 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC 29 | 1.030 | 0.070 | 0.800 | 0.610 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 29 | 2.260 | 0.380 | 0.930 | 0.850 | 0.630 | 0.350 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC 29 | 0.510 | 0.000 | 0.590 | 0.370 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGC 29 | 3.110 | 0.710 | 0.950 | 0.890 | 0.730 | 0.470 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHC 29 | 1.040 | 0.070 | 0.810 | 0.610 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVC 29 | 2.500 | 0.460 | 0.930 | 0.860 | 0.640 | 0.370 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC 29 | 6.550 | 2.990 | 0.980 | 0.950 | 0.880 | 0.760 | 0.510 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC 29 | 2.620 | 0.500 | 0.940 | 0.870 | 0.680 | 0.420 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC 29 | 0.570 | 0.010 | 0.630 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 29 | 2.520 | 0.470 | 0.930 | 0.860 | 0.660 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 29 | 3.360 | 0.820 | 0.950 | 0.900 | 0.760 | 0.510 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC 29 | 3.330 | 0.810 | 0.950 | 0.900 | 0.750 | 0.500 | 0.180 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC 29 | 4.490 | 1.450 | 0.960 | 0.930 | 0.820 | 0.640 | 0.350 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC 29 | 4.280 | 1.320 | 0.960 | 0.920 | 0.810 | 0.620 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVC 29 | 2.290 | 0.390 | 0.920 | 0.840 | 0.610 | 0.340 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGC 33 | 1.670 | 0.200 | 0.890 | 0.790 | 0.480 | 0.180 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC 33 | 1.030 | 0.070 | 0.800 | 0.610 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 33 | 2.260 | 0.380 | 0.930 | 0.850 | 0.630 | 0.350 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC 33 | 0.510 | 0.000 | 0.590 | 0.370 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGC 33 | 3.110 | 0.710 | 0.950 | 0.890 | 0.730 | 0.470 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHC 33 | 1.040 | 0.070 | 0.810 | 0.610 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVC 33 | 2.500 | 0.460 | 0.930 | 0.860 | 0.640 | 0.370 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POMVC 33 | 6.550 | 2.990 | 0.980 | 0.950 | 0.880 | 0.760 | 0.510 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC 33 | 2.620 | 0.500 | 0.940 | 0.870 | 0.680 | 0.420 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC 33 | 0.570 | 0.010 | 0.630 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 33 | 2.520 | 0.470 | 0.930 | 0.860 | 0.660 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 33 | 3.360 | 0.820 | 0.950 | 0.900 | 0.760 | 0.510 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC 33 | 3.330 | 0.810 | 0.950 | 0.900 | 0.750 | 0.500 | 0.180 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC 33 | 4.490 | 1.450 | 0.960 | 0.930 | 0.820 | 0.640 | 0.350 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC 33 | 4.280 | 1.320 | 0.960 | 0.920 | 0.810 | 0.620 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVC 33 | 2.290 | 0.390 | 0.920 | 0.840 | 0.610 | 0.340 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAGC 41 | 1.680 | 0.210 | 0.900 | 0.790 | 0.490 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAHC 41 | 0.450 | 0.000 | 0.530 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAVC 41 | 0.330 | 0.000 | 0.460 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGC 42 | 0.780 | 0.030 | 0.760 | 0.530 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC 42 | 0.190 | 0.000 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 42 | 0.390 | 0.000 | 0.510 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC 42 | 0.140 | 0.000 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGC 42 | 1.020 | 0.070 | 0.820 | 0.640 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHC 42 | 0.280 | 0.000 | 0.390 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVC 42 | 1.640 | 0.190 | 0.890 | 0.780 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC 42 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC 42 | 0.650 | 0.010 | 0.710 | 0.460 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC 42 | 0.220 | 0.000 | 0.320 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 42 | 0.980 | 0.060 | 0.810 | 0.630 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 42 | 0.730 | 0.020 | 0.750 | 0.500 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC 42 | 1.150 | 0.090 | 0.840 | 0.690 | 0.340 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC 42 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC 42 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVC 42 | 1.510 | 0.160 | 0.880 | 0.760 | 0.450 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGC 43 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHC 43 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVC 43 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVC 43 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGC 43 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGC 44 | 6.500 | 2.950 | 0.980 | 0.950 | 0.880 | 0.770 | 0.540 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHC 44 | 1.940 | 0.280 | 0.900 | 0.800 | 0.500 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVC 44 | 10.150 | 6.910 | 0.980 | 0.970 | 0.920 | 0.850 | 0.690 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVC 44 | 9.410 | 5.980 | 0.980 | 0.970 | 0.920 | 0.830 | 0.670 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGC 44 | 2.700 | 0.540 | 0.940 | 0.880 | 0.690 | 0.430 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POKGF 45 | 0.930 | 0.050 | 0.800 | 0.600 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHF 45 | 0.230 | 0.000 | 0.330 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVF 45 | 0.880 | 0.040 | 0.790 | 0.580 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC 46 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 46 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC 46 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC 46 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC 46 | 0.230 | 0.000 | 0.350 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC 46 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 46 | 0.190 | 0.000 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 46 | 0.600 | 0.010 | 0.710 | 0.460 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC 46 | 0.470 | 0.000 | 0.600 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC 46 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC 46 | 0.270 | 0.000 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC 47 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 47 | 0.120 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC 47 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC 47 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC 47 | 0.270 | 0.000 | 0.410 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC 47 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 47 | 0.220 | 0.000 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 47 | 0.500 | 0.000 | 0.650 | 0.390 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC 47 | 0.500 | 0.000 | 0.620 | 0.360 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC 47 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC 47 | 0.300 | 0.000 | 0.420 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC 48 | 0.710 | 0.020 | 0.710 | 0.470 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 48 | 2.260 | 0.380 | 0.930 | 0.850 | 0.630 | 0.350 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC 48 | 0.510 | 0.000 | 0.590 | 0.370 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC 48 | 6.550 | 2.990 | 0.980 | 0.950 | 0.880 | 0.760 | 0.510 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC 48 | 2.630 | 0.510 | 0.940 | 0.870 | 0.690 | 0.420 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC 48 | 0.570 | 0.010 | 0.640 | 0.410 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 48 | 2.520 | 0.470 | 0.930 | 0.860 | 0.660 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 48 | 3.400 | 0.840 | 0.950 | 0.900 | 0.760 | 0.520 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC 48 | 3.370 | 0.830 | 0.950 | 0.900 | 0.750 | 0.500 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC 48 | 4.500 | 1.460 | 0.960 | 0.930 | 0.820 | 0.640 | 0.360 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC 48 | 4.290 | 1.330 | 0.960 | 0.920 | 0.810 | 0.620 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC 49 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 49 | 0.320 | 0.000 | 0.460 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POCHC 49 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC 49 | 0.960 | 0.060 | 0.810 | 0.620 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC 49 | 0.660 | 0.020 | 0.740 | 0.480 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC 49 | 0.140 | 0.000 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 49 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 49 | 0.990 | 0.060 | 0.830 | 0.660 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC 49 | 1.120 | 0.080 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC 49 | 0.850 | 0.040 | 0.800 | 0.590 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC 49 | 0.940 | 0.050 | 0.810 | 0.610 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC 50 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 50 | 0.320 | 0.000 | 0.460 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC 50 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC 50 | 0.960 | 0.060 | 0.810 | 0.620 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC 50 | 0.660 | 0.020 | 0.740 | 0.480 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC 50 | 0.140 | 0.000 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 50 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 50 | 0.990 | 0.060 | 0.830 | 0.660 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC 50 | 1.120 | 0.080 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC 50 | 0.850 | 0.040 | 0.800 | 0.590 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC 50 | 0.940 | 0.050 | 0.810 | 0.610 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGF 51 | 0.690 | 0.020 | 0.730 | 0.480 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHF 51 | 0.180 | 0.000 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVF 51 | 0.620 | 0.010 | 0.700 | 0.440 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC 52 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 52 | 0.320 | 0.000 | 0.460 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC 52 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC 52 | 0.960 | 0.060 | 0.810 | 0.620 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC 52 | 0.660 | 0.020 | 0.740 | 0.480 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC 52 | 0.140 | 0.000 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 52 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 52 | 0.990 | 0.060 | 0.830 | 0.660 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC 52 | 1.120 | 0.080 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC 52 | 0.850 | 0.040 | 0.800 | 0.590 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC 52 | 0.940 | 0.050 | 0.810 | 0.610 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POBGC | 1 | 0.240 | 0.000 | 0.320 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC | 1 | 0.240 | 0.000 | 0.320 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGC | 1 | 0.460 | 0.000 | 0.550 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHC | 1 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVC | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC | 1 | 0.240 | 0.000 | 0.320 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC | 1 | 0.240 | 0.000 | 0.320 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC | 1 | 0.240 | 0.000 | 0.320 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVC | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC | 2 | 0.300 | 0.000 | 0.390 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC | 2 | 1.010 | 0.040 | 0.820 | 0.640 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC | 2 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC | 2 | 5.410 | 1.090 | 0.970 | 0.930 | 0.830 | 0.660 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC | 2 | 2.060 | 0.180 | 0.920 | 0.830 | 0.580 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC | 2 | 0.450 | 0.000 | 0.480 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC | 2 | 2.220 | 0.210 | 0.920 | 0.840 | 0.600 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC | 2 | 3.200 | 0.410 | 0.950 | 0.890 | 0.730 | 0.470 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC | 2 | 3.590 | 0.510 | 0.950 | 0.900 | 0.750 | 0.500 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC | 2 | 3.970 | 0.620 | 0.960 | 0.910 | 0.780 | 0.560 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC | 2 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGC | 3 | 0.240 | 0.000 | 0.320 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC | 3 | 0.240 | 0.000 | 0.320 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGC | 3 | 0.430 | 0.000 | 0.520 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHC | 3 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC | 3 | 0.240 | 0.000 | 0.320 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POQGC | 3 | 0.240 | 0.000 | 0.320 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC | 3 | 0.240 | 0.000 | 0.320 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC | 4 | 0.300 | 0.000 | 0.390 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC | 4 | 1.000 | 0.040 | 0.820 | 0.640 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC | 4 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC | 4 | 5.390 | 1.080 | 0.970 | 0.930 | 0.830 | 0.660 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC | 4 | 2.100 | 0.190 | 0.920 | 0.830 | 0.580 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC | 4 | 0.450 | 0.000 | 0.480 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC | 4 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC | 4 | 3.250 | 0.430 | 0.950 | 0.890 | 0.730 | 0.480 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC | 4 | 3.490 | 0.490 | 0.950 | 0.900 | 0.750 | 0.490 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC | 4 | 4.040 | 0.640 | 0.960 | 0.910 | 0.780 | 0.560 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC | 4 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAGS | 5 | 4.900 | 0.910 | 0.960 | 0.910 | 0.780 | 0.570 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAHS | 5 | 0.250 | 0.000 | 0.340 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAVS | 5 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGF | 6 | 17.040 | 8.700 | 0.990 | 0.970 | 0.940 | 0.870 | 0.740 | 0.440 | 0.150 | 0.000 | 0.000 | 0.000 |
| PODHC | 6 | 7.740 | 2.090 | 0.970 | 0.940 | 0.840 | 0.680 | 0.450 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC | 6 | 13.660 | 5.840 | 0.990 | 0.970 | 0.930 | 0.860 | 0.720 | 0.400 | 0.030 | 0.000 | 0.000 | 0.000 |
| POCHC | 6 | 3.510 | 0.490 | 0.930 | 0.860 | 0.640 | 0.420 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGF | 6 | 33.930 | 30.080 | 0.990 | 0.990 | 0.970 | 0.940 | 0.870 | 0.680 | 0.440 | 0.160 | 0.000 | 0.000 |
| POKHF | 6 | 7.870 | 2.150 | 0.970 | 0.940 | 0.840 | 0.680 | 0.450 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVF | 6 | 27.220 | 20.230 | 0.990 | 0.980 | 0.960 | 0.920 | 0.840 | 0.600 | 0.360 | 0.010 | 0.000 | 0.000 |
| POMVC | 6 | 47.090 | 54.270 | 1.000 | 0.990 | 0.980 | 0.960 | 0.910 | 0.780 | 0.570 | 0.320 | 0.000 | 0.000 |
| POPGC | 6 | 16.140 | 7.880 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.450 | 0.140 | 0.000 | 0.000 | 0.000 |
| POPHC | 6 | 3.950 | 0.610 | 0.940 | 0.870 | 0.680 | 0.450 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC | 6 | 15.400 | 7.240 | 0.990 | 0.970 | 0.940 | 0.870 | 0.750 | 0.430 | 0.100 | 0.000 | 0.000 | 0.000 |
| POQGC | 6 | 21.390 | 13.100 | 0.990 | 0.980 | 0.950 | 0.910 | 0.820 | 0.550 | 0.290 | 0.000 | 0.000 | 0.000 |
| POQVC | 6 | 21.380 | 13.090 | 0.990 | 0.980 | 0.950 | 0.910 | 0.810 | 0.540 | 0.280 | 0.000 | 0.000 | 0.000 |
| PORGC | 6 | 29.790 | 23.800 | 0.990 | 0.990 | 0.970 | 0.930 | 0.870 | 0.670 | 0.420 | 0.080 | 0.000 | 0.000 |
| PORVC | 6 | 28.740 | 22.310 | 0.990 | 0.990 | 0.960 | 0.930 | 0.860 | 0.650 | 0.400 | 0.050 | 0.000 | 0.000 |
| POSVF | 6 | 24.770 | 17.060 | 0.990 | 0.980 | 0.960 | 0.910 | 0.820 | 0.560 | 0.330 | 0.010 | 0.000 | 0.000 |
| POBGF | 7 | 9.680 | 3.130 | 0.980 | 0.960 | 0.890 | 0.780 | 0.550 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC | 7 | 4.300 | 0.720 | 0.940 | 0.880 | 0.710 | 0.470 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC | 7 | 7.950 | 2.190 | 0.980 | 0.950 | 0.890 | 0.770 | 0.540 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POCHC 7 | 1.950 | 0.160 | 0.870 | 0.740 | 0.450 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGF 7 | 19.580 | 11.170 | 0.990 | 0.980 | 0.940 | 0.890 | 0.780 | 0.480 | 0.230 | 0.000 | 0.000 | 0.000 |
| POKHF 7 | 4.370 | 0.740 | 0.940 | 0.880 | 0.710 | 0.470 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVF 7 | 15.460 | 7.290 | 0.990 | 0.970 | 0.930 | 0.860 | 0.720 | 0.410 | 0.090 | 0.000 | 0.000 | 0.000 |
| POMVC 7 | 27.890 | 21.140 | 0.990 | 0.990 | 0.960 | 0.930 | 0.860 | 0.640 | 0.390 | 0.030 | 0.000 | 0.000 |
| POPGC 7 | 9.400 | 2.970 | 0.980 | 0.960 | 0.900 | 0.800 | 0.610 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC 7 | 2.200 | 0.200 | 0.880 | 0.770 | 0.470 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 7 | 8.920 | 2.700 | 0.980 | 0.960 | 0.900 | 0.790 | 0.580 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 7 | 12.500 | 4.970 | 0.990 | 0.970 | 0.930 | 0.850 | 0.700 | 0.370 | 0.010 | 0.000 | 0.000 | 0.000 |
| POQVC 7 | 12.440 | 4.930 | 0.980 | 0.970 | 0.920 | 0.850 | 0.690 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 |
| PORGC 7 | 17.490 | 9.120 | 0.990 | 0.980 | 0.950 | 0.890 | 0.780 | 0.480 | 0.190 | 0.000 | 0.000 | 0.000 |
| PORVC 7 | 16.810 | 8.490 | 0.990 | 0.980 | 0.940 | 0.880 | 0.770 | 0.460 | 0.160 | 0.000 | 0.000 | 0.000 |
| POSVF 7 | 14.020 | 6.120 | 0.980 | 0.970 | 0.920 | 0.850 | 0.690 | 0.380 | 0.020 | 0.000 | 0.000 | 0.000 |
| POAGF A07 | 0.470 | 0.000 | 0.550 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAHF A07 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAVF A07 | 0.330 | 0.000 | 0.420 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAGF 8 | 4.450 | 0.760 | 0.960 | 0.910 | 0.780 | 0.560 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAHF 8 | 0.830 | 0.020 | 0.690 | 0.460 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAVF 8 | 3.130 | 0.400 | 0.940 | 0.880 | 0.700 | 0.440 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGS 9 | 23.930 | 16.040 | 0.990 | 0.980 | 0.950 | 0.900 | 0.800 | 0.500 | 0.310 | 0.010 | 0.000 | 0.000 |
| PODHC 9 | 3.020 | 0.370 | 0.920 | 0.830 | 0.580 | 0.380 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 9 | 13.070 | 5.390 | 0.990 | 0.970 | 0.930 | 0.860 | 0.710 | 0.380 | 0.010 | 0.000 | 0.000 | 0.000 |
| POCHC 9 | 1.390 | 0.080 | 0.810 | 0.630 | 0.360 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGS 9 | 45.490 | 51.000 | 0.990 | 0.990 | 0.970 | 0.950 | 0.900 | 0.740 | 0.490 | 0.290 | 0.000 | 0.000 |
| POKHS 9 | 2.940 | 0.350 | 0.910 | 0.830 | 0.570 | 0.380 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVS 9 | 0.680 | 0.010 | 0.700 | 0.450 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC 9 | 19.050 | 10.640 | 0.990 | 0.980 | 0.950 | 0.900 | 0.790 | 0.490 | 0.230 | 0.000 | 0.000 | 0.000 |
| POPGC 9 | 15.450 | 7.280 | 0.990 | 0.980 | 0.940 | 0.880 | 0.750 | 0.440 | 0.110 | 0.000 | 0.000 | 0.000 |
| POPHC 9 | 1.560 | 0.100 | 0.840 | 0.670 | 0.390 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 9 | 6.030 | 1.330 | 0.970 | 0.940 | 0.850 | 0.700 | 0.440 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 9 | 20.010 | 11.620 | 0.990 | 0.980 | 0.950 | 0.900 | 0.810 | 0.520 | 0.260 | 0.000 | 0.000 | 0.000 |
| POQVC 9 | 8.420 | 2.430 | 0.980 | 0.960 | 0.890 | 0.780 | 0.560 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC 9 | 32.890 | 28.430 | 0.990 | 0.990 | 0.970 | 0.940 | 0.880 | 0.700 | 0.450 | 0.140 | 0.000 | 0.000 |
| PORVC 9 | 11.410 | 4.220 | 0.980 | 0.970 | 0.920 | 0.830 | 0.670 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVS 9 | 0.620 | 0.010 | 0.670 | 0.420 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGF 10 | 17.040 | 8.700 | 0.990 | 0.970 | 0.940 | 0.870 | 0.740 | 0.440 | 0.150 | 0.000 | 0.000 | 0.000 |
| PODHC 10 | 7.740 | 2.090 | 0.970 | 0.940 | 0.840 | 0.680 | 0.450 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 10 | 13.660 | 5.840 | 0.990 | 0.970 | 0.930 | 0.860 | 0.720 | 0.400 | 0.030 | 0.000 | 0.000 | 0.000 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POCHC 10 | 3.510 | 0.490 | 0.930 | 0.860 | 0.640 | 0.420 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGF 10 | 33.930 | 30.080 | 0.990 | 0.990 | 0.970 | 0.940 | 0.870 | 0.680 | 0.440 | 0.160 | 0.000 | 0.000 |
| POKHF 10 | 7.870 | 2.150 | 0.970 | 0.940 | 0.840 | 0.680 | 0.450 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVF 10 | 27.220 | 20.230 | 0.990 | 0.980 | 0.960 | 0.920 | 0.840 | 0.600 | 0.360 | 0.010 | 0.000 | 0.000 |
| POMVC 10 | 47.090 | 54.270 | 1.000 | 0.990 | 0.980 | 0.960 | 0.910 | 0.780 | 0.570 | 0.320 | 0.000 | 0.000 |
| POPGC 10 | 16.140 | 7.880 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.450 | 0.140 | 0.000 | 0.000 | 0.000 |
| POPHC 10 | 3.950 | 0.610 | 0.940 | 0.870 | 0.680 | 0.450 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 10 | 15.400 | 7.240 | 0.990 | 0.970 | 0.940 | 0.870 | 0.750 | 0.430 | 0.100 | 0.000 | 0.000 | 0.000 |
| POQGC 10 | 21.390 | 13.100 | 0.990 | 0.980 | 0.950 | 0.910 | 0.820 | 0.550 | 0.290 | 0.000 | 0.000 | 0.000 |
| POQVC 10 | 21.380 | 13.090 | 0.990 | 0.980 | 0.950 | 0.910 | 0.810 | 0.540 | 0.280 | 0.000 | 0.000 | 0.000 |
| PORGC 10 | 29.790 | 23.800 | 0.990 | 0.990 | 0.970 | 0.930 | 0.870 | 0.670 | 0.420 | 0.080 | 0.000 | 0.000 |
| PORVC 10 | 28.740 | 22.310 | 0.990 | 0.990 | 0.960 | 0.930 | 0.860 | 0.650 | 0.400 | 0.050 | 0.000 | 0.000 |
| POSVF 10 | 24.770 | 17.060 | 0.990 | 0.980 | 0.960 | 0.910 | 0.820 | 0.560 | 0.330 | 0.010 | 0.000 | 0.000 |
| POBGF 11 | 8.500 | 2.480 | 0.970 | 0.950 | 0.870 | 0.750 | 0.500 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGF 11 | 17.240 | 8.890 | 0.990 | 0.970 | 0.940 | 0.870 | 0.750 | 0.440 | 0.160 | 0.000 | 0.000 | 0.000 |
| POKHF 11 | 3.830 | 0.580 | 0.930 | 0.870 | 0.670 | 0.440 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVF 11 | 13.560 | 5.760 | 0.980 | 0.970 | 0.920 | 0.840 | 0.680 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 |
| POSVF 11 | 12.290 | 4.830 | 0.980 | 0.960 | 0.910 | 0.820 | 0.650 | 0.330 | 0.010 | 0.000 | 0.000 | 0.000 |
| POBGS 12 | 24.550 | 16.800 | 0.990 | 0.980 | 0.950 | 0.900 | 0.810 | 0.520 | 0.320 | 0.010 | 0.000 | 0.000 |
| PODHC 12 | 3.230 | 0.420 | 0.920 | 0.840 | 0.610 | 0.400 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 12 | 13.950 | 6.060 | 0.990 | 0.970 | 0.930 | 0.870 | 0.730 | 0.410 | 0.040 | 0.000 | 0.000 | 0.000 |
| POCHC 12 | 1.490 | 0.090 | 0.830 | 0.650 | 0.380 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGS 12 | 46.530 | 53.110 | 0.990 | 0.990 | 0.970 | 0.950 | 0.900 | 0.750 | 0.500 | 0.300 | 0.000 | 0.000 |
| POKHS 12 | 3.010 | 0.370 | 0.920 | 0.830 | 0.580 | 0.380 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVS 12 | 0.700 | 0.010 | 0.700 | 0.450 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC 12 | 20.310 | 11.940 | 0.990 | 0.980 | 0.950 | 0.900 | 0.810 | 0.510 | 0.260 | 0.000 | 0.000 | 0.000 |
| POPGC 12 | 16.270 | 8.000 | 0.990 | 0.980 | 0.940 | 0.880 | 0.770 | 0.460 | 0.140 | 0.000 | 0.000 | 0.000 |
| POPHC 12 | 1.670 | 0.120 | 0.850 | 0.690 | 0.410 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 12 | 6.440 | 1.500 | 0.970 | 0.940 | 0.860 | 0.720 | 0.460 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 12 | 20.890 | 12.550 | 0.990 | 0.980 | 0.950 | 0.910 | 0.820 | 0.540 | 0.280 | 0.000 | 0.000 | 0.000 |
| POQVC 12 | 8.990 | 2.740 | 0.980 | 0.960 | 0.900 | 0.790 | 0.580 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC 12 | 28.170 | 21.510 | 0.990 | 0.990 | 0.970 | 0.930 | 0.860 | 0.650 | 0.400 | 0.040 | 0.000 | 0.000 |
| PORVC 12 | 12.180 | 4.740 | 0.980 | 0.970 | 0.920 | 0.840 | 0.690 | 0.350 | 0.010 | 0.000 | 0.000 | 0.000 |
| POSVS 12 | 0.640 | 0.010 | 0.670 | 0.430 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGF 13 | 9.710 | 3.150 | 0.980 | 0.960 | 0.890 | 0.780 | 0.550 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC 13 | 4.300 | 0.720 | 0.940 | 0.880 | 0.710 | 0.470 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 13 | 8.020 | 2.230 | 0.980 | 0.950 | 0.890 | 0.770 | 0.550 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC 13 | 1.960 | 0.160 | 0.870 | 0.740 | 0.450 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POKGF | 13 | 19.610 | 11.200 | 0.990 | 0.980 | 0.940 | 0.890 | 0.780 | 0.480 | 0.230 | 0.000 | 0.000 | 0.000 |
| POKHF | 13 | 4.370 | 0.740 | 0.940 | 0.880 | 0.710 | 0.470 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVF | 13 | 15.480 | 7.310 | 0.990 | 0.970 | 0.930 | 0.860 | 0.720 | 0.410 | 0.090 | 0.000 | 0.000 | 0.000 |
| POMVC | 13 | 27.900 | 21.150 | 0.990 | 0.990 | 0.960 | 0.930 | 0.860 | 0.640 | 0.390 | 0.030 | 0.000 | 0.000 |
| POPGC | 13 | 9.470 | 3.010 | 0.980 | 0.960 | 0.900 | 0.810 | 0.610 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC | 13 | 2.200 | 0.200 | 0.880 | 0.770 | 0.470 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC | 13 | 8.940 | 2.710 | 0.980 | 0.960 | 0.900 | 0.790 | 0.580 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC | 13 | 12.550 | 5.010 | 0.990 | 0.970 | 0.930 | 0.850 | 0.700 | 0.370 | 0.010 | 0.000 | 0.000 | 0.000 |
| POQVC | 13 | 12.450 | 4.940 | 0.980 | 0.970 | 0.920 | 0.850 | 0.690 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 |
| PORGC | 13 | 17.530 | 9.150 | 0.990 | 0.980 | 0.950 | 0.890 | 0.780 | 0.480 | 0.190 | 0.000 | 0.000 | 0.000 |
| PORVC | 13 | 16.820 | 8.500 | 0.990 | 0.980 | 0.940 | 0.880 | 0.770 | 0.460 | 0.160 | 0.000 | 0.000 | 0.000 |
| POSVF | 13 | 14.040 | 6.130 | 0.980 | 0.970 | 0.920 | 0.850 | 0.690 | 0.380 | 0.020 | 0.000 | 0.000 | 0.000 |
| POBGF | 14 | 9.850 | 3.230 | 0.980 | 0.960 | 0.900 | 0.800 | 0.600 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGF | 14 | 18.830 | 10.410 | 0.990 | 0.980 | 0.950 | 0.890 | 0.790 | 0.480 | 0.220 | 0.000 | 0.000 | 0.000 |
| POKHF | 14 | 3.940 | 0.610 | 0.940 | 0.870 | 0.680 | 0.450 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVF | 14 | 15.230 | 7.100 | 0.990 | 0.970 | 0.930 | 0.870 | 0.730 | 0.420 | 0.090 | 0.000 | 0.000 | 0.000 |
| POSVF | 14 | 13.910 | 6.030 | 0.990 | 0.970 | 0.930 | 0.860 | 0.710 | 0.390 | 0.020 | 0.000 | 0.000 | 0.000 |
| POBGS | 15 | 1.420 | 0.080 | 0.870 | 0.750 | 0.420 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC | 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC | 15 | 0.160 | 0.000 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC | 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGS | 15 | 1.420 | 0.080 | 0.870 | 0.750 | 0.420 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHS | 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVS | 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC | 15 | 5.390 | 1.080 | 0.970 | 0.930 | 0.830 | 0.660 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC | 15 | 0.250 | 0.000 | 0.340 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC | 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC | 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC | 15 | 0.330 | 0.000 | 0.440 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC | 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC | 15 | 4.030 | 0.630 | 0.960 | 0.910 | 0.780 | 0.560 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC | 15 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVS | 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGF | 16 | 17.040 | 8.700 | 0.990 | 0.970 | 0.940 | 0.870 | 0.740 | 0.440 | 0.150 | 0.000 | 0.000 | 0.000 |
| PODHC | 16 | 7.740 | 2.090 | 0.970 | 0.940 | 0.840 | 0.680 | 0.450 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC | 16 | 13.660 | 5.840 | 0.990 | 0.970 | 0.930 | 0.860 | 0.720 | 0.400 | 0.030 | 0.000 | 0.000 | 0.000 |
| POCHC | 16 | 3.510 | 0.490 | 0.930 | 0.860 | 0.640 | 0.420 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGF | 16 | 33.930 | 30.080 | 0.990 | 0.990 | 0.970 | 0.940 | 0.870 | 0.680 | 0.440 | 0.160 | 0.000 | 0.000 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POKHF 16 | 7.870 | 2.150 | 0.970 | 0.940 | 0.840 | 0.680 | 0.450 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVF 16 | 27.220 | 20.230 | 0.990 | 0.980 | 0.960 | 0.920 | 0.840 | 0.600 | 0.360 | 0.010 | 0.000 | 0.000 |
| POMVC 16 | 47.090 | 54.270 | 1.000 | 0.990 | 0.980 | 0.960 | 0.910 | 0.780 | 0.570 | 0.320 | 0.000 | 0.000 |
| POPGC 16 | 16.140 | 7.880 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.450 | 0.140 | 0.000 | 0.000 | 0.000 |
| POPHC 16 | 3.950 | 0.610 | 0.940 | 0.870 | 0.680 | 0.450 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 16 | 15.400 | 7.240 | 0.990 | 0.970 | 0.940 | 0.870 | 0.750 | 0.430 | 0.100 | 0.000 | 0.000 | 0.000 |
| POQGC 16 | 21.390 | 13.100 | 0.990 | 0.980 | 0.950 | 0.910 | 0.820 | 0.550 | 0.290 | 0.000 | 0.000 | 0.000 |
| POQVC 16 | 21.380 | 13.090 | 0.990 | 0.980 | 0.950 | 0.910 | 0.810 | 0.540 | 0.280 | 0.000 | 0.000 | 0.000 |
| PORGC 16 | 29.790 | 23.800 | 0.990 | 0.990 | 0.970 | 0.930 | 0.870 | 0.670 | 0.420 | 0.080 | 0.000 | 0.000 |
| PORVC 16 | 28.740 | 22.310 | 0.990 | 0.990 | 0.960 | 0.930 | 0.860 | 0.650 | 0.400 | 0.050 | 0.000 | 0.000 |
| POSVF 16 | 24.770 | 17.060 | 0.990 | 0.980 | 0.960 | 0.910 | 0.820 | 0.560 | 0.330 | 0.010 | 0.000 | 0.000 |
| POBGF 17 | 2.670 | 0.290 | 0.930 | 0.860 | 0.640 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGF 17 | 7.780 | 2.110 | 0.970 | 0.950 | 0.870 | 0.750 | 0.500 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHF 17 | 1.500 | 0.090 | 0.830 | 0.660 | 0.380 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVF 17 | 6.060 | 1.340 | 0.970 | 0.940 | 0.840 | 0.680 | 0.430 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVF 17 | 5.510 | 1.130 | 0.960 | 0.930 | 0.820 | 0.650 | 0.390 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGS 18 | 1.030 | 0.040 | 0.800 | 0.600 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC 18 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 18 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC 18 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGS 18 | 1.100 | 0.050 | 0.810 | 0.630 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHS 18 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVS 18 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC 18 | 5.390 | 1.080 | 0.970 | 0.930 | 0.830 | 0.660 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC 18 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC 18 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 18 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 18 | 0.130 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC 18 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC 18 | 4.020 | 0.630 | 0.960 | 0.910 | 0.780 | 0.560 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC 18 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVS 18 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGF 19 | 9.680 | 3.130 | 0.980 | 0.960 | 0.890 | 0.780 | 0.550 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC 19 | 4.300 | 0.720 | 0.940 | 0.880 | 0.710 | 0.470 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 19 | 7.950 | 2.190 | 0.980 | 0.950 | 0.890 | 0.770 | 0.540 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC 19 | 1.950 | 0.160 | 0.870 | 0.740 | 0.450 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGF 19 | 19.580 | 11.170 | 0.990 | 0.980 | 0.940 | 0.890 | 0.780 | 0.480 | 0.230 | 0.000 | 0.000 | 0.000 |
| POKHF 19 | 4.370 | 0.740 | 0.940 | 0.880 | 0.710 | 0.470 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POKVF | 19 | 15.460 | 7.290 | 0.990 | 0.970 | 0.930 | 0.860 | 0.720 | 0.410 | 0.090 | 0.000 | 0.000 | 0.000 |
| POMVC | 19 | 27.890 | 21.140 | 0.990 | 0.990 | 0.960 | 0.930 | 0.860 | 0.640 | 0.390 | 0.030 | 0.000 | 0.000 |
| POPGC | 19 | 9.400 | 2.970 | 0.980 | 0.960 | 0.900 | 0.800 | 0.610 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC | 19 | 2.200 | 0.200 | 0.880 | 0.770 | 0.470 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC | 19 | 8.920 | 2.700 | 0.980 | 0.960 | 0.900 | 0.790 | 0.580 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC | 19 | 12.500 | 4.970 | 0.990 | 0.970 | 0.930 | 0.850 | 0.700 | 0.370 | 0.010 | 0.000 | 0.000 | 0.000 |
| POQVC | 19 | 12.440 | 4.930 | 0.980 | 0.970 | 0.920 | 0.850 | 0.690 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 |
| PORGC | 19 | 17.490 | 9.120 | 0.990 | 0.980 | 0.950 | 0.890 | 0.780 | 0.480 | 0.190 | 0.000 | 0.000 | 0.000 |
| PORVC | 19 | 16.810 | 8.490 | 0.990 | 0.980 | 0.940 | 0.880 | 0.770 | 0.460 | 0.160 | 0.000 | 0.000 | 0.000 |
| POSVF | 19 | 14.020 | 6.120 | 0.980 | 0.970 | 0.920 | 0.850 | 0.690 | 0.380 | 0.020 | 0.000 | 0.000 | 0.000 |
| POBGF | 20 | 1.680 | 0.120 | 0.890 | 0.770 | 0.460 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGF | 20 | 1.670 | 0.120 | 0.890 | 0.770 | 0.460 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHF | 20 | 0.190 | 0.000 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVF | 20 | 0.600 | 0.010 | 0.670 | 0.420 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVF | 20 | 0.600 | 0.010 | 0.670 | 0.420 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAGS | 21 | 4.900 | 0.910 | 0.960 | 0.910 | 0.780 | 0.570 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAHS | 21 | 0.250 | 0.000 | 0.340 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAVS | 21 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAGF | 22 | 4.450 | 0.760 | 0.960 | 0.910 | 0.780 | 0.560 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAHF | 22 | 0.830 | 0.020 | 0.690 | 0.460 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAVF | 22 | 3.130 | 0.400 | 0.940 | 0.880 | 0.700 | 0.440 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGC | 25 | 1.680 | 0.120 | 0.870 | 0.750 | 0.440 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC | 25 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC | 25 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC | 25 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGC | 25 | 5.530 | 1.130 | 0.960 | 0.920 | 0.800 | 0.590 | 0.360 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHC | 25 | 1.500 | 0.090 | 0.830 | 0.660 | 0.380 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVC | 25 | 4.160 | 0.670 | 0.950 | 0.890 | 0.730 | 0.480 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC | 25 | 0.190 | 0.000 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC | 25 | 0.200 | 0.000 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC | 25 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC | 25 | 0.140 | 0.000 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC | 25 | 0.120 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC | 25 | 0.230 | 0.000 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC | 25 | 0.270 | 0.000 | 0.370 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC | 25 | 0.190 | 0.000 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVC | 25 | 3.750 | 0.560 | 0.940 | 0.880 | 0.710 | 0.460 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGC | 26 | 7.840 | 2.140 | 0.970 | 0.940 | 0.850 | 0.710 | 0.460 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PODHC 26 | 4.300 | 0.720 | 0.940 | 0.880 | 0.710 | 0.470 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 26 | 7.950 | 2.190 | 0.980 | 0.950 | 0.890 | 0.770 | 0.540 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC 26 | 1.950 | 0.160 | 0.870 | 0.740 | 0.450 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGC 26 | 16.520 | 8.220 | 0.990 | 0.970 | 0.930 | 0.860 | 0.710 | 0.410 | 0.130 | 0.000 | 0.000 | 0.000 |
| POKHC 26 | 4.370 | 0.740 | 0.940 | 0.880 | 0.710 | 0.470 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVC 26 | 12.910 | 5.270 | 0.980 | 0.960 | 0.910 | 0.820 | 0.630 | 0.330 | 0.010 | 0.000 | 0.000 | 0.000 |
| POMVC 26 | 27.890 | 21.140 | 0.990 | 0.990 | 0.960 | 0.930 | 0.860 | 0.640 | 0.390 | 0.030 | 0.000 | 0.000 |
| POPGC 26 | 9.400 | 2.970 | 0.980 | 0.960 | 0.900 | 0.800 | 0.610 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC 26 | 2.200 | 0.200 | 0.880 | 0.770 | 0.470 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 26 | 8.920 | 2.700 | 0.980 | 0.960 | 0.900 | 0.790 | 0.580 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 26 | 12.500 | 4.970 | 0.990 | 0.970 | 0.930 | 0.850 | 0.700 | 0.370 | 0.010 | 0.000 | 0.000 | 0.000 |
| POQVC 26 | 12.440 | 4.930 | 0.980 | 0.970 | 0.920 | 0.850 | 0.690 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 |
| PORGC 26 | 17.490 | 9.120 | 0.990 | 0.980 | 0.950 | 0.890 | 0.780 | 0.480 | 0.190 | 0.000 | 0.000 | 0.000 |
| PORVC 26 | 16.810 | 8.490 | 0.990 | 0.980 | 0.940 | 0.880 | 0.770 | 0.460 | 0.160 | 0.000 | 0.000 | 0.000 |
| POSVC 26 | 11.640 | 4.370 | 0.980 | 0.960 | 0.900 | 0.800 | 0.600 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGC 29 | 7.840 | 2.140 | 0.970 | 0.940 | 0.850 | 0.710 | 0.460 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC 29 | 4.300 | 0.720 | 0.940 | 0.880 | 0.710 | 0.470 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 29 | 7.950 | 2.190 | 0.980 | 0.950 | 0.890 | 0.770 | 0.540 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC 29 | 1.950 | 0.160 | 0.870 | 0.740 | 0.450 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGC 29 | 16.520 | 8.220 | 0.990 | 0.970 | 0.930 | 0.860 | 0.710 | 0.410 | 0.130 | 0.000 | 0.000 | 0.000 |
| POKHC 29 | 4.370 | 0.740 | 0.940 | 0.880 | 0.710 | 0.470 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVC 29 | 12.910 | 5.270 | 0.980 | 0.960 | 0.910 | 0.820 | 0.630 | 0.330 | 0.010 | 0.000 | 0.000 | 0.000 |
| POMVC 29 | 27.890 | 21.140 | 0.990 | 0.990 | 0.960 | 0.930 | 0.860 | 0.640 | 0.390 | 0.030 | 0.000 | 0.000 |
| POPGC 29 | 9.400 | 2.970 | 0.980 | 0.960 | 0.900 | 0.800 | 0.610 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC 29 | 2.200 | 0.200 | 0.880 | 0.770 | 0.470 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 29 | 8.920 | 2.700 | 0.980 | 0.960 | 0.900 | 0.790 | 0.580 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 29 | 12.500 | 4.970 | 0.990 | 0.970 | 0.930 | 0.850 | 0.700 | 0.370 | 0.010 | 0.000 | 0.000 | 0.000 |
| POQVC 29 | 12.440 | 4.930 | 0.980 | 0.970 | 0.920 | 0.850 | 0.690 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 |
| PORGC 29 | 17.490 | 9.120 | 0.990 | 0.980 | 0.950 | 0.890 | 0.780 | 0.480 | 0.190 | 0.000 | 0.000 | 0.000 |
| PORVC 29 | 16.810 | 8.490 | 0.990 | 0.980 | 0.940 | 0.880 | 0.770 | 0.460 | 0.160 | 0.000 | 0.000 | 0.000 |
| POSVC 29 | 11.640 | 4.370 | 0.980 | 0.960 | 0.900 | 0.800 | 0.600 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGC 33 | 7.840 | 2.140 | 0.970 | 0.940 | 0.850 | 0.710 | 0.460 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC 33 | 4.300 | 0.720 | 0.940 | 0.880 | 0.710 | 0.470 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 33 | 7.950 | 2.190 | 0.980 | 0.950 | 0.890 | 0.770 | 0.540 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC 33 | 1.950 | 0.160 | 0.870 | 0.740 | 0.450 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGC 33 | 16.520 | 8.220 | 0.990 | 0.970 | 0.930 | 0.860 | 0.710 | 0.410 | 0.130 | 0.000 | 0.000 | 0.000 |
| POKHC 33 | 4.370 | 0.740 | 0.940 | 0.880 | 0.710 | 0.470 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVC 33 | 12.910 | 5.270 | 0.980 | 0.960 | 0.910 | 0.820 | 0.630 | 0.330 | 0.010 | 0.000 | 0.000 | 0.000 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POMVC 33 | 27.890 | 21.140 | 0.990 | 0.990 | 0.960 | 0.930 | 0.860 | 0.640 | 0.390 | 0.030 | 0.000 | 0.000 |
| POPGC 33 | 9.400 | 2.970 | 0.980 | 0.960 | 0.900 | 0.800 | 0.610 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC 33 | 2.200 | 0.200 | 0.880 | 0.770 | 0.470 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 33 | 8.920 | 2.700 | 0.980 | 0.960 | 0.900 | 0.790 | 0.580 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 33 | 12.500 | 4.970 | 0.990 | 0.970 | 0.930 | 0.850 | 0.700 | 0.370 | 0.010 | 0.000 | 0.000 | 0.000 |
| POQVC 33 | 12.440 | 4.930 | 0.980 | 0.970 | 0.920 | 0.850 | 0.690 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 |
| PORGC 33 | 17.490 | 9.120 | 0.990 | 0.980 | 0.950 | 0.890 | 0.780 | 0.480 | 0.190 | 0.000 | 0.000 | 0.000 |
| PORVC 33 | 16.810 | 8.490 | 0.990 | 0.980 | 0.940 | 0.880 | 0.770 | 0.460 | 0.160 | 0.000 | 0.000 | 0.000 |
| POSVC 33 | 11.640 | 4.370 | 0.980 | 0.960 | 0.900 | 0.800 | 0.600 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAGC 41 | 6.270 | 1.430 | 0.970 | 0.940 | 0.840 | 0.690 | 0.440 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAHC 41 | 1.660 | 0.120 | 0.850 | 0.690 | 0.410 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POAVC 41 | 1.020 | 0.040 | 0.810 | 0.630 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGC 42 | 2.670 | 0.290 | 0.930 | 0.860 | 0.640 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC 42 | 0.660 | 0.010 | 0.600 | 0.410 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 42 | 1.250 | 0.060 | 0.850 | 0.690 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC 42 | 0.450 | 0.000 | 0.480 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGC 42 | 3.600 | 0.520 | 0.950 | 0.890 | 0.730 | 0.480 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHC 42 | 0.990 | 0.040 | 0.740 | 0.490 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVC 42 | 6.060 | 1.340 | 0.970 | 0.940 | 0.840 | 0.680 | 0.430 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC 42 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC 42 | 2.200 | 0.200 | 0.910 | 0.830 | 0.560 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC 42 | 0.770 | 0.020 | 0.660 | 0.440 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 42 | 3.370 | 0.450 | 0.940 | 0.890 | 0.720 | 0.470 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 42 | 2.500 | 0.260 | 0.920 | 0.850 | 0.620 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC 42 | 4.020 | 0.630 | 0.950 | 0.900 | 0.760 | 0.520 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC 42 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC 42 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVC 42 | 5.510 | 1.130 | 0.960 | 0.930 | 0.820 | 0.650 | 0.390 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGC 43 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHC 43 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVC 43 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POSVC 43 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POBGC 43 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGC 44 | 28.870 | 22.480 | 0.990 | 0.990 | 0.960 | 0.930 | 0.860 | 0.640 | 0.390 | 0.020 | 0.000 | 0.000 |
| POKHC 44 | 8.990 | 2.740 | 0.970 | 0.940 | 0.860 | 0.720 | 0.480 | 0.180 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVC 44 | 46.670 | 53.400 | 1.000 | 0.990 | 0.980 | 0.960 | 0.910 | 0.780 | 0.560 | 0.320 | 0.000 | 0.000 |
| POSVC 44 | 42.760 | 45.620 | 1.000 | 0.990 | 0.980 | 0.950 | 0.900 | 0.760 | 0.520 | 0.280 | 0.000 | 0.000 |
| POBGC 44 | 10.120 | 3.400 | 0.980 | 0.960 | 0.900 | 0.810 | 0.610 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POKGF 45 | 3.650 | 0.530 | 0.940 | 0.880 | 0.710 | 0.460 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHF 45 | 0.800 | 0.020 | 0.670 | 0.450 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVF 45 | 3.400 | 0.460 | 0.940 | 0.880 | 0.690 | 0.450 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC 46 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 46 | 0.320 | 0.000 | 0.420 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC 46 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC 46 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC 46 | 0.700 | 0.010 | 0.730 | 0.480 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC 46 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 46 | 0.560 | 0.000 | 0.650 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 46 | 1.870 | 0.150 | 0.910 | 0.810 | 0.530 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC 46 | 1.350 | 0.080 | 0.870 | 0.740 | 0.410 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC 46 | 0.230 | 0.000 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC 46 | 0.760 | 0.020 | 0.750 | 0.510 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC 47 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 47 | 0.360 | 0.000 | 0.460 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC 47 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC 47 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC 47 | 0.820 | 0.020 | 0.780 | 0.550 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC 47 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 47 | 0.640 | 0.010 | 0.700 | 0.450 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 47 | 1.530 | 0.100 | 0.890 | 0.770 | 0.460 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC 47 | 1.430 | 0.090 | 0.880 | 0.750 | 0.430 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC 47 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC 47 | 0.850 | 0.020 | 0.780 | 0.560 | 0.180 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC 48 | 2.840 | 0.330 | 0.910 | 0.820 | 0.550 | 0.360 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 48 | 7.970 | 2.200 | 0.980 | 0.950 | 0.890 | 0.770 | 0.540 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC 48 | 1.950 | 0.160 | 0.870 | 0.740 | 0.450 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC 48 | 27.900 | 21.150 | 0.990 | 0.990 | 0.960 | 0.930 | 0.860 | 0.640 | 0.390 | 0.030 | 0.000 | 0.000 |
| POPGC 48 | 9.470 | 3.010 | 0.980 | 0.960 | 0.900 | 0.810 | 0.610 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC 48 | 2.210 | 0.210 | 0.880 | 0.770 | 0.470 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 48 | 8.930 | 2.710 | 0.980 | 0.960 | 0.900 | 0.790 | 0.580 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 48 | 12.680 | 5.100 | 0.990 | 0.970 | 0.930 | 0.850 | 0.700 | 0.370 | 0.010 | 0.000 | 0.000 | 0.000 |
| POQVC 48 | 12.630 | 5.060 | 0.980 | 0.970 | 0.920 | 0.850 | 0.700 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 |
| PORGC 48 | 17.550 | 9.170 | 0.990 | 0.980 | 0.950 | 0.890 | 0.780 | 0.480 | 0.190 | 0.000 | 0.000 | 0.000 |
| PORVC 48 | 16.860 | 8.540 | 0.990 | 0.980 | 0.940 | 0.880 | 0.770 | 0.460 | 0.160 | 0.000 | 0.000 | 0.000 |
| PODHC 49 | 0.300 | 0.000 | 0.390 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 49 | 0.960 | 0.030 | 0.810 | 0.620 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSPO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POCHC 49 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC 49 | 2.910 | 0.350 | 0.940 | 0.880 | 0.700 | 0.440 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC 49 | 2.060 | 0.180 | 0.920 | 0.830 | 0.580 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC 49 | 0.450 | 0.000 | 0.480 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 49 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 49 | 3.200 | 0.410 | 0.950 | 0.890 | 0.730 | 0.470 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC 49 | 3.490 | 0.490 | 0.950 | 0.900 | 0.750 | 0.490 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC 49 | 2.700 | 0.300 | 0.940 | 0.870 | 0.680 | 0.420 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC 49 | 2.840 | 0.330 | 0.940 | 0.880 | 0.690 | 0.430 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC 50 | 0.300 | 0.000 | 0.390 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 50 | 0.960 | 0.030 | 0.810 | 0.620 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC 50 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC 50 | 2.910 | 0.350 | 0.940 | 0.880 | 0.700 | 0.440 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC 50 | 2.060 | 0.180 | 0.920 | 0.830 | 0.580 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC 50 | 0.450 | 0.000 | 0.480 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 50 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 50 | 3.200 | 0.410 | 0.950 | 0.890 | 0.730 | 0.470 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC 50 | 3.490 | 0.490 | 0.950 | 0.900 | 0.750 | 0.490 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC 50 | 2.700 | 0.300 | 0.940 | 0.870 | 0.680 | 0.420 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC 50 | 2.840 | 0.330 | 0.940 | 0.880 | 0.690 | 0.430 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKGF 51 | 2.620 | 0.280 | 0.920 | 0.840 | 0.600 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKHF 51 | 0.590 | 0.010 | 0.560 | 0.380 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POKVF 51 | 1.990 | 0.170 | 0.910 | 0.810 | 0.530 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PODHC 52 | 0.300 | 0.000 | 0.390 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCGC 52 | 0.960 | 0.030 | 0.810 | 0.620 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POCHC 52 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POMVC 52 | 2.910 | 0.350 | 0.940 | 0.880 | 0.700 | 0.440 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPGC 52 | 2.060 | 0.180 | 0.920 | 0.830 | 0.580 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPHC 52 | 0.450 | 0.000 | 0.480 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POPVC 52 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQGC 52 | 3.200 | 0.410 | 0.950 | 0.890 | 0.730 | 0.470 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| POQVC 52 | 3.490 | 0.490 | 0.950 | 0.900 | 0.750 | 0.490 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORGC 52 | 2.700 | 0.300 | 0.940 | 0.870 | 0.680 | 0.420 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| PORVC 52 | 2.840 | 0.330 | 0.940 | 0.880 | 0.690 | 0.430 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

# ACTIVITY CODE: RN

# RAIL TRANSPORTATION, NATIONAL DISPOSAL

Report for file CNSRN

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RNBGS | 3 | 2.342 | 0.000 | 0.000 | 1.654 | 1.515 | 1.654 | 1.515 | 360 | OP | 0.670 | 2.150 | 0.510 | 1.580 | 0.180 | 0.500 |
| RNDHS | 3 | 0.778 | 0.000 | 0.000 | -1.180 | -1.215 | -1.180 | -1.215 | 360 | OP | 0.010 | 0.020 | 0.010 | 0.010 | 0.000 | 0.000 |
| RNCGS | 3 | 0.204 | 0.000 | 0.000 | -0.270 | -0.375 | -0.270 | -0.375 | 360 | OP | 0.060 | 0.150 | 0.050 | 0.110 | 0.020 | 0.040 |
| RNCHS | 3 | 0.505 | 0.000 | 0.000 | -1.426 | -1.451 | -1.426 | -1.451 | 360 | OP | 0.010 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| RNKGS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKHS | 3 | 3.230 | 0.000 | 0.000 | 1.026 | 1.000 | 1.026 | 1.000 | 360 | OP | 0.130 | 0.410 | 0.110 | 0.330 | 0.030 | 0.080 |
| RNKVS | 3 | 3.255 | 0.000 | 0.000 | -1.160 | -1.024 | -1.160 | -1.024 | 360 | OP | 0.030 | 0.110 | 0.020 | 0.080 | 0.010 | 0.020 |
| RNMVS | 3 | 1.021 | 0.000 | 0.000 | -3.171 | -3.050 | -3.171 | -3.050 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| RNPGS | 3 | 0.813 | 0.000 | 0.000 | 0.278 | 0.146 | 0.278 | 0.146 | 360 | OP | 0.120 | 0.310 | 0.090 | 0.230 | 0.030 | 0.080 |
| RNPHS | 3 | 1.068 | 0.000 | 0.000 | -0.919 | -0.962 | -0.919 | -0.962 | 360 | OP | 0.010 | 0.030 | 0.010 | 0.020 | 0.000 | 0.010 |
| RNPVS | 3 | 0.778 | 0.000 | 0.000 | -3.389 | -3.262 | -3.389 | -3.262 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| RNQGS | 3 | 1.161 | 0.000 | 0.000 | 0.591 | 0.451 | 0.591 | 0.451 | 360 | OP | 0.180 | 0.470 | 0.140 | 0.350 | 0.050 | 0.120 |
| RNQVS | 3 | 1.161 | 0.000 | 0.000 | -3.045 | -2.927 | -3.045 | -2.927 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| RNRGS | 3 | 1.029 | 0.000 | 0.000 | 0.472 | 0.335 | 0.472 | 0.335 | 360 | OP | 0.160 | 0.400 | 0.120 | 0.300 | 0.040 | 0.100 |
| RNRVS | 3 | 1.000 | 0.000 | 0.000 | -3.190 | -3.069 | -3.190 | -3.069 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| RNSVS | 3 | 3.132 | 0.000 | 0.000 | -1.271 | -1.137 | -1.271 | -1.137 | 360 | OP | 0.030 | 0.100 | 0.020 | 0.070 | 0.010 | 0.020 |
| RNDHC | 4 | 0.000 | 2.459 | 1.635 | 0.000 | 0.000 | 2.520 | 2.520 | 20 | OP | 0.830 | 3.370 | 0.670 | 2.560 | 0.200 | 0.670 |
| RNCGC | 4 | 0.000 | 2.061 | 1.539 | 0.000 | 0.000 | 2.175 | 2.175 | 20 | OP | 3.160 | 11.660 | 2.440 | 8.750 | 0.960 | 3.130 |
| RNCHC | 4 | 0.000 | 2.362 | 1.539 | 0.000 | 0.000 | 2.423 | 2.423 | 20 | OP | 0.740 | 2.950 | 0.600 | 2.250 | 0.180 | 0.580 |
| RNMVC | 4 | 0.000 | 2.453 | 1.328 | 0.000 | 0.000 | 2.484 | 2.484 | 20 | OP | 4.770 | 19.110 | 3.640 | 14.120 | 1.460 | 4.850 |
| RNPGC | 4 | 0.000 | 2.290 | 1.767 | 0.000 | 0.000 | 2.404 | 2.404 | 20 | OP | 4.060 | 15.580 | 3.120 | 11.640 | 1.250 | 4.110 |
| RNPHC | 4 | 0.000 | 2.545 | 1.721 | 0.000 | 0.000 | 2.606 | 2.606 | 20 | OP | 0.920 | 3.800 | 0.750 | 2.880 | 0.230 | 0.750 |
| RNPVC | 4 | 0.000 | 2.255 | 1.130 | 0.000 | 0.000 | 2.286 | 2.286 | 20 | OP | 3.860 | 14.860 | 2.950 | 11.020 | 1.170 | 3.830 |
| RNQGC | 4 | 0.000 | 2.337 | 1.815 | 0.000 | 0.000 | 2.451 | 2.451 | 20 | OP | 4.280 | 16.530 | 3.290 | 12.340 | 1.320 | 4.350 |
| RNQVC | 4 | 0.000 | 2.337 | 1.213 | 0.000 | 0.000 | 2.368 | 2.368 | 20 | OP | 4.210 | 16.500 | 3.220 | 12.220 | 1.280 | 4.230 |
| RNRGC | 4 | 0.000 | 2.205 | 1.683 | 0.000 | 0.000 | 2.319 | 2.319 | 20 | OP | 3.700 | 14.000 | 2.850 | 10.470 | 1.130 | 3.720 |
| RNRVC | 4 | 0.000 | 2.176 | 1.051 | 0.000 | 0.000 | 2.207 | 2.207 | 20 | OP | 3.550 | 13.430 | 2.710 | 9.980 | 1.060 | 3.490 |
| RNBGF | 5 | 0.000 | 0.000 | 2.422 | 0.000 | 0.000 | 2.422 | 2.422 | 120 | OP | 2.190 | 9.680 | 1.660 | 7.110 | 0.620 | 2.240 |
| RNKGF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKHF | 5 | 0.000 | 0.000 | 2.230 | 0.000 | 0.000 | 2.230 | 2.230 | 120 | OP | 0.590 | 2.260 | 0.470 | 1.730 | 0.140 | 0.440 |
| RNKVF | 5 | 0.000 | 0.000 | 1.954 | 0.000 | 0.000 | 1.954 | 1.954 | 120 | OP | 1.960 | 8.650 | 1.470 | 6.270 | 0.540 | 2.020 |
| RNSVF | 5 | 0.000 | 0.000 | 1.530 | 0.000 | 0.000 | 1.530 | 1.530 | 120 | OP | 1.190 | 4.810 | 0.890 | 3.500 | 0.320 | 1.140 |
| RNBGS | 6 | 3.953 | 0.000 | 0.000 | 3.104 | 2.996 | 3.104 | 2.996 | 360 | OP | 3.700 | 17.510 | 2.840 | 12.780 | 1.090 | 3.700 |
| RNDHC | 6 | 3.509 | 2.840 | 0.000 | 1.277 | 1.257 | 2.852 | 2.851 | 360 | OP | 1.240 | 5.330 | 1.000 | 4.010 | 0.310 | 1.060 |
| RNCGC | 6 | 3.111 | 2.442 | 0.000 | 2.346 | 2.222 | 2.698 | 2.647 | 360 | OP | 5.580 | 21.140 | 4.270 | 15.720 | 1.750 | 5.490 |
| RNCHC | 6 | 3.412 | 2.743 | 0.000 | 1.190 | 1.168 | 2.755 | 2.754 | 360 | OP | 1.100 | 4.660 | 0.890 | 3.520 | 0.270 | 0.930 |
| RNKGS | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKHS | 6 | 4.063 | 0.000 | 0.000 | 1.776 | 1.766 | 1.776 | 1.766 | 360 | OP | 0.340 | 1.190 | 0.270 | 0.930 | 0.080 | 0.230 |
| RNKVS | 6 | 4.088 | 0.000 | 0.000 | -0.410 | -0.258 | -0.410 | -0.258 | 360 | OP | 0.080 | 0.300 | 0.060 | 0.210 | 0.020 | 0.070 |

Report for file CNSRN

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RNMVC | 6 | 3.502 | 2.833 | 0.000 | -0.938 | -0.796 | 2.833 | 2.833 | 360 | OP | 6.880 | 29.600 | 5.240 | 21.760 | 2.160 | 7.340 |
| RNPGC | 6 | 3.339 | 2.670 | 0.000 | 2.551 | 2.432 | 2.916 | 2.868 | 360 | OP | 7.020 | 27.860 | 5.360 | 20.650 | 2.230 | 7.140 |
| RNPHC | 6 | 3.595 | 2.926 | 0.000 | 1.355 | 1.336 | 2.938 | 2.937 | 360 | OP | 1.370 | 6.000 | 1.110 | 4.510 | 0.340 | 1.200 |
| RNPVC | 6 | 3.304 | 2.635 | 0.000 | -1.116 | -0.979 | 2.635 | 2.635 | 360 | OP | 5.590 | 23.110 | 4.260 | 17.040 | 1.730 | 5.800 |
| RNQGC | 6 | 3.387 | 2.718 | 0.000 | 2.595 | 2.476 | 2.962 | 2.915 | 360 | OP | 7.370 | 29.520 | 5.630 | 21.870 | 2.350 | 7.550 |
| RNQVC | 6 | 3.387 | 2.718 | 0.000 | -1.041 | -0.902 | 2.718 | 2.718 | 360 | OP | 6.100 | 25.650 | 4.650 | 18.880 | 1.900 | 6.400 |
| RNRGC | 6 | 3.255 | 2.586 | 0.000 | 2.476 | 2.354 | 2.835 | 2.786 | 360 | OP | 6.460 | 25.170 | 4.930 | 18.680 | 2.040 | 6.480 |
| RNRVC | 6 | 3.225 | 2.556 | 0.000 | -1.187 | -1.051 | 2.556 | 2.556 | 360 | OP | 5.140 | 20.920 | 3.920 | 15.440 | 1.580 | 5.280 |
| RNSVS | 6 | 3.664 | 0.000 | 0.000 | -0.792 | -0.647 | -0.792 | -0.647 | 360 | OP | 0.050 | 0.180 | 0.040 | 0.130 | 0.010 | 0.040 |
| RNBGF | 7 | 0.000 | 0.000 | 3.024 | 0.000 | 0.000 | 3.024 | 3.024 | 60 | OP | 4.450 | 21.450 | 3.340 | 15.790 | 1.300 | 4.930 |
| RNDHC | 7 | 0.000 | 3.061 | 2.238 | 0.000 | 0.000 | 3.122 | 3.122 | 20 | OP | 1.710 | 7.740 | 1.380 | 5.790 | 0.430 | 1.550 |
| RNCGC | 7 | 0.000 | 2.664 | 2.141 | 0.000 | 0.000 | 2.778 | 2.778 | 20 | OP | 6.070 | 24.910 | 4.650 | 18.480 | 1.910 | 6.420 |
| RNCHC | 7 | 0.000 | 2.965 | 2.141 | 0.000 | 0.000 | 3.026 | 3.026 | 20 | OP | 1.520 | 6.780 | 1.230 | 5.080 | 0.380 | 1.360 |
| RNKGF | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKHF | 7 | 0.000 | 0.000 | 2.833 | 0.000 | 0.000 | 2.833 | 2.833 | 60 | OP | 1.210 | 5.200 | 0.980 | 3.910 | 0.300 | 1.030 |
| RNKVF | 7 | 0.000 | 0.000 | 2.556 | 0.000 | 0.000 | 2.556 | 2.556 | 60 | OP | 3.970 | 19.570 | 2.950 | 14.180 | 1.120 | 4.500 |
| RNMVC | 7 | 0.000 | 3.055 | 1.930 | 0.000 | 0.000 | 3.086 | 3.086 | 20 | OP | 8.980 | 40.450 | 6.810 | 29.660 | 2.860 | 9.930 |
| RNPGC | 7 | 0.000 | 2.892 | 2.369 | 0.000 | 0.000 | 3.006 | 3.006 | 20 | OP | 7.720 | 33.050 | 5.890 | 24.460 | 2.470 | 8.420 |
| RNPHC | 7 | 0.000 | 3.147 | 2.323 | 0.000 | 0.000 | 3.208 | 3.208 | 20 | OP | 1.890 | 8.720 | 1.530 | 6.520 | 0.480 | 1.750 |
| RNPVC | 7 | 0.000 | 2.857 | 1.732 | 0.000 | 0.000 | 2.888 | 2.888 | 20 | OP | 7.290 | 31.700 | 5.550 | 23.290 | 2.300 | 7.840 |
| RNQGC | 7 | 0.000 | 2.940 | 2.417 | 0.000 | 0.000 | 3.054 | 3.054 | 20 | OP | 8.110 | 35.060 | 6.190 | 25.940 | 2.600 | 8.920 |
| RNQVC | 7 | 0.000 | 2.940 | 1.815 | 0.000 | 0.000 | 2.971 | 2.971 | 20 | OP | 7.960 | 35.130 | 6.050 | 25.780 | 2.520 | 8.650 |
| RNRGC | 7 | 0.000 | 2.808 | 2.285 | 0.000 | 0.000 | 2.922 | 2.922 | 20 | OP | 7.070 | 29.790 | 5.400 | 22.060 | 2.240 | 7.620 |
| RNRVC | 7 | 0.000 | 2.778 | 1.653 | 0.000 | 0.000 | 2.809 | 2.809 | 20 | OP | 6.710 | 28.740 | 5.110 | 21.130 | 2.100 | 7.140 |
| RNSVF | 7 | 0.000 | 0.000 | 2.132 | 0.000 | 0.000 | 2.132 | 2.132 | 60 | OP | 2.420 | 11.040 | 1.810 | 8.000 | 0.670 | 2.560 |
| RNBGS | 11 | 2.342 | 0.000 | 0.000 | 1.654 | 1.515 | 1.654 | 1.515 | 360 | OP | 0.670 | 2.150 | 0.510 | 1.580 | 0.180 | 0.500 |
| RNDHS | 11 | 0.778 | 0.000 | 0.000 | -1.180 | -1.215 | -1.180 | -1.215 | 360 | OP | 0.010 | 0.020 | 0.010 | 0.010 | 0.000 | 0.000 |
| RNCGS | 11 | 0.204 | 0.000 | 0.000 | -0.270 | -0.375 | -0.270 | -0.375 | 360 | OP | 0.060 | 0.150 | 0.050 | 0.110 | 0.020 | 0.040 |
| RNCHS | 11 | 0.505 | 0.000 | 0.000 | -1.426 | -1.451 | -1.426 | -1.451 | 360 | OP | 0.010 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| RNKGS | 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKHS | 11 | 3.230 | 0.000 | 0.000 | 1.026 | 1.000 | 1.026 | 1.000 | 360 | OP | 0.130 | 0.410 | 0.110 | 0.330 | 0.030 | 0.080 |
| RNKVS | 11 | 3.255 | 0.000 | 0.000 | -1.160 | -1.024 | -1.160 | -1.024 | 360 | OP | 0.030 | 0.110 | 0.020 | 0.080 | 0.010 | 0.020 |
| RNMVS | 11 | 1.021 | 0.000 | 0.000 | -3.171 | -3.050 | -3.171 | -3.050 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| RNPGS | 11 | 0.813 | 0.000 | 0.000 | 0.278 | 0.146 | 0.278 | 0.146 | 360 | OP | 0.120 | 0.310 | 0.090 | 0.230 | 0.030 | 0.080 |
| RNPHS | 11 | 1.068 | 0.000 | 0.000 | -0.919 | -0.962 | -0.919 | -0.962 | 360 | OP | 0.010 | 0.030 | 0.010 | 0.020 | 0.000 | 0.010 |
| RNPVS | 11 | 0.778 | 0.000 | 0.000 | -3.389 | -3.262 | -3.389 | -3.262 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| RNQGS | 11 | 1.161 | 0.000 | 0.000 | 0.591 | 0.451 | 0.591 | 0.451 | 360 | OP | 0.180 | 0.470 | 0.140 | 0.350 | 0.050 | 0.120 |
| RNQVS | 11 | 1.161 | 0.000 | 0.000 | -3.045 | -2.927 | -3.045 | -2.927 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| RNRGS | 11 | 1.029 | 0.000 | 0.000 | 0.472 | 0.335 | 0.472 | 0.335 | 360 | OP | 0.160 | 0.400 | 0.120 | 0.300 | 0.040 | 0.100 |

Report for file CNSRN

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RNRVS | 11 | 1.000 | 0.000 | 0.000 | -3.190 | -3.069 | -3.190 | -3.069 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| RNSVS | 11 | 3.132 | 0.000 | 0.000 | -1.271 | -1.137 | -1.271 | -1.137 | 360 | OP | 0.030 | 0.100 | 0.020 | 0.070 | 0.010 | 0.020 |
| RNDHC | 12 | 0.000 | 2.459 | 1.635 | 0.000 | 0.000 | 2.520 | 2.520 | 20 | OP | 0.830 | 3.370 | 0.670 | 2.560 | 0.200 | 0.670 |
| RNCGC | 12 | 0.000 | 2.061 | 1.539 | 0.000 | 0.000 | 2.175 | 2.175 | 20 | OP | 3.160 | 11.660 | 2.440 | 8.750 | 0.960 | 3.130 |
| RNCHC | 12 | 0.000 | 2.362 | 1.539 | 0.000 | 0.000 | 2.423 | 2.423 | 20 | OP | 0.740 | 2.950 | 0.600 | 2.250 | 0.180 | 0.580 |
| RNMVC | 12 | 0.000 | 2.453 | 1.328 | 0.000 | 0.000 | 2.484 | 2.484 | 20 | OP | 4.770 | 19.110 | 3.640 | 14.120 | 1.460 | 4.850 |
| RNPGC | 12 | 0.000 | 2.290 | 1.767 | 0.000 | 0.000 | 2.404 | 2.404 | 20 | OP | 4.060 | 15.580 | 3.120 | 11.640 | 1.250 | 4.110 |
| RNPHC | 12 | 0.000 | 2.545 | 1.721 | 0.000 | 0.000 | 2.606 | 2.606 | 20 | OP | 0.920 | 3.800 | 0.750 | 2.880 | 0.230 | 0.750 |
| RNPVC | 12 | 0.000 | 2.255 | 1.130 | 0.000 | 0.000 | 2.286 | 2.286 | 20 | OP | 3.860 | 14.860 | 2.950 | 11.020 | 1.170 | 3.830 |
| RNQGC | 12 | 0.000 | 2.337 | 1.815 | 0.000 | 0.000 | 2.451 | 2.451 | 20 | OP | 4.280 | 16.530 | 3.290 | 12.340 | 1.320 | 4.350 |
| RNQVC | 12 | 0.000 | 2.337 | 1.213 | 0.000 | 0.000 | 2.368 | 2.368 | 20 | OP | 4.210 | 16.500 | 3.220 | 12.220 | 1.280 | 4.230 |
| RNRGC | 12 | 0.000 | 2.205 | 1.683 | 0.000 | 0.000 | 2.319 | 2.319 | 20 | OP | 3.700 | 14.000 | 2.850 | 10.470 | 1.130 | 3.720 |
| RNRVC | 12 | 0.000 | 2.176 | 1.051 | 0.000 | 0.000 | 2.207 | 2.207 | 20 | OP | 3.550 | 13.430 | 2.710 | 9.980 | 1.060 | 3.490 |
| RNBGF | 13 | 0.000 | 0.000 | 2.422 | 0.000 | 0.000 | 2.422 | 2.422 | 120 | OP | 2.190 | 9.680 | 1.660 | 7.110 | 0.620 | 2.240 |
| RNKGF | 13 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKHF | 13 | 0.000 | 0.000 | 2.230 | 0.000 | 0.000 | 2.230 | 2.230 | 120 | OP | 0.590 | 2.260 | 0.470 | 1.730 | 0.140 | 0.440 |
| RNKVF | 13 | 0.000 | 0.000 | 1.954 | 0.000 | 0.000 | 1.954 | 1.954 | 120 | OP | 1.960 | 8.650 | 1.470 | 6.270 | 0.540 | 2.020 |
| RNSVF | 13 | 0.000 | 0.000 | 1.530 | 0.000 | 0.000 | 1.530 | 1.530 | 120 | OP | 1.190 | 4.810 | 0.890 | 3.500 | 0.320 | 1.140 |
| RNBGS | 14 | 0.000 | 0.000 | 0.740 | 0.000 | 0.000 | 0.740 | 0.740 | 360 | OP | 0.220 | 0.710 | 0.170 | 0.530 | 0.060 | 0.170 |
| RNDHS | 14 | 0.000 | 0.000 | -0.602 | 0.000 | 0.000 | -0.602 | -0.602 | 360 | OP | 0.020 | 0.040 | 0.010 | 0.030 | 0.000 | 0.010 |
| RNCGS | 14 | 0.000 | 0.000 | 0.505 | 0.000 | 0.000 | 0.505 | 0.505 | 360 | OP | 0.160 | 0.510 | 0.120 | 0.380 | 0.040 | 0.130 |
| RNCHS | 14 | 0.000 | 0.000 | -0.602 | 0.000 | 0.000 | -0.602 | -0.602 | 360 | OP | 0.020 | 0.040 | 0.010 | 0.030 | 0.000 | 0.010 |
| RNKGS | 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKHS | 14 | 0.000 | 0.000 | -0.602 | 0.000 | 0.000 | -0.602 | -0.602 | 360 | OP | 0.020 | 0.040 | 0.010 | 0.030 | 0.000 | 0.010 |
| RNKVS | 14 | 0.000 | 0.000 | -2.678 | 0.000 | 0.000 | -2.678 | -2.678 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| RNMVS | 14 | 0.000 | 0.000 | -2.678 | 0.000 | 0.000 | -2.678 | -2.678 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| RNPGS | 14 | 0.000 | 0.000 | 0.740 | 0.000 | 0.000 | 0.740 | 0.740 | 360 | OP | 0.220 | 0.710 | 0.170 | 0.530 | 0.060 | 0.170 |
| RNPHS | 14 | 0.000 | 0.000 | -0.602 | 0.000 | 0.000 | -0.602 | -0.602 | 360 | OP | 0.020 | 0.040 | 0.010 | 0.030 | 0.000 | 0.010 |
| RNPVS | 14 | 0.000 | 0.000 | -2.678 | 0.000 | 0.000 | -2.678 | -2.678 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| RNQGS | 14 | 0.000 | 0.000 | 0.740 | 0.000 | 0.000 | 0.740 | 0.740 | 360 | OP | 0.220 | 0.710 | 0.170 | 0.530 | 0.060 | 0.170 |
| RNQVS | 14 | 0.000 | 0.000 | -2.678 | 0.000 | 0.000 | -2.678 | -2.678 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| RNRGS | 14 | 0.000 | 0.000 | 0.740 | 0.000 | 0.000 | 0.740 | 0.740 | 360 | OP | 0.220 | 0.710 | 0.170 | 0.530 | 0.060 | 0.170 |
| RNRVS | 14 | 0.000 | 0.000 | -2.678 | 0.000 | 0.000 | -2.678 | -2.678 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| RNSVS | 14 | 0.000 | 0.000 | -2.678 | 0.000 | 0.000 | -2.678 | -2.678 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| RNDHC | 15 | 1.477 | 0.778 | 0.000 | -0.551 | -0.599 | 0.798 | 0.796 | 360 | OP | 0.100 | 0.310 | 0.080 | 0.250 | 0.020 | 0.060 |
| RNCGC | 15 | 0.903 | 0.204 | 0.000 | 0.359 | 0.224 | 0.589 | 0.515 | 360 | OP | 0.500 | 1.410 | 0.400 | 1.090 | 0.140 | 0.400 |
| RNCHC | 15 | 1.204 | 0.505 | 0.000 | -0.797 | -0.842 | 0.526 | 0.524 | 360 | OP | 0.070 | 0.210 | 0.060 | 0.170 | 0.020 | 0.040 |
| RNMVC | 15 | 3.042 | 1.498 | 0.000 | -1.352 | -1.220 | 1.499 | 1.499 | 360 | OP | 1.640 | 5.390 | 1.250 | 4.070 | 0.470 | 1.490 |
| RNPGC | 15 | 1.512 | 0.813 | 0.000 | 0.907 | 0.763 | 1.164 | 1.090 | 360 | OP | 1.000 | 2.920 | 0.780 | 2.240 | 0.290 | 0.840 |

Report for file CNSRN

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RNPHC 15 | 1.767 | 1.068 | 0.000 | -0.290 | -0.339 | 1.087 | 1.085 | 360 | OP | 0.140 | 0.470 | 0.110 | 0.370 | 0.030 | 0.090 |
| RNPVC 15 | 1.477 | 0.778 | 0.000 | -2.760 | -2.646 | 0.778 | 0.778 | 360 | OP | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| RNQGC 15 | 1.860 | 1.161 | 0.000 | 1.220 | 1.076 | 1.493 | 1.422 | 360 | OP | 1.460 | 4.460 | 1.140 | 3.410 | 0.430 | 1.260 |
| RNQVC 15 | 1.860 | 1.161 | 0.000 | -2.416 | -2.302 | 1.161 | 1.161 | 360 | OP | 1.120 | 3.490 | 0.850 | 2.650 | 0.310 | 0.980 |
| RNRGC 15 | 2.793 | 1.029 | 0.000 | 2.060 | 1.929 | 2.099 | 1.980 | 360 | OP | 2.900 | 9.100 | 2.240 | 6.860 | 0.880 | 2.480 |
| RNRVC 15 | 1.699 | 1.000 | 0.000 | -2.561 | -2.447 | 1.000 | 1.000 | 360 | OP | 0.940 | 2.840 | 0.710 | 2.150 | 0.260 | 0.800 |

Report for file CNSRN

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RNBGS | 3 | 0.67 | 2.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 1.38 |
| RNDHS | 3 | 0.01 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNCGS | 3 | 0.06 | 0.15 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNCHS | 3 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNKGS | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNKHS | 3 | 0.13 | 0.41 | 0.03 | 0.09 | 0.06 | 0.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 |
| RNKVS | 3 | 0.03 | 0.11 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNMVS | 3 | 0.00 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNPGS | 3 | 0.12 | 0.31 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 |
| RNPHS | 3 | 0.01 | 0.03 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNPVS | 3 | 0.00 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNQGS | 3 | 0.18 | 0.47 | 0.03 | 0.09 | 0.00 | 0.00 | 0.03 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 |
| RNQVS | 3 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNRGS | 3 | 0.16 | 0.40 | 0.03 | 0.09 | 0.00 | 0.00 | 0.03 | 0.08 | 0.00 | 0.00 | 0.03 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 |
| RNRVS | 3 | 0.00 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNSVS | 3 | 0.03 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNDHC | 4 | 0.83 | 3.37 | 0.82 | 7.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.65 | 5.73 | 0.74 | 11.23 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNCGC | 4 | 3.16 | 11.66 | 17.10 | 76.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNCHC | 4 | 0.74 | 2.95 | 0.82 | 7.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.74 | 11.23 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNMVC | 4 | 4.77 | 19.11 | 17.10 | 76.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 13.09 | 56.26 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 15.16 |
| RNPGC | 4 | 4.06 | 15.58 | 17.10 | 76.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 15.16 |
| RNPHC | 4 | 0.92 | 3.80 | 0.82 | 7.50 | 0.00 | 0.00 | 0.76 | 7.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.74 | 11.23 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNPVC | 4 | 3.86 | 14.86 | 17.10 | 76.01 | 0.00 | 0.00 | 16.73 | 76.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 15.16 |
| RNQGC | 4 | 4.28 | 16.53 | 17.10 | 76.01 | 0.00 | 0.00 | 16.73 | 76.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 15.16 |
| RNQVC | 4 | 4.21 | 16.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 15.16 |
| RNRGC | 4 | 3.70 | 14.00 | 17.10 | 76.01 | 0.00 | 0.00 | 16.73 | 76.01 | 0.00 | 0.00 | 13.09 | 56.26 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 15.16 |
| RNRVC | 4 | 3.55 | 13.43 | 17.10 | 76.01 | 0.00 | 0.00 | 16.73 | 76.01 | 0.00 | 0.00 | 13.09 | 56.26 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 15.16 |
| RNBGF | 5 | 2.19 | 9.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 4.51 |
| RNKGF | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNKHF | 5 | 0.59 | 2.26 | 0.82 | 7.50 | 1.60 | 14.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.65 | 5.73 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 1.38 |
| RNKVF | 5 | 1.96 | 8.65 | 3.19 | 24.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.29 | 24.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNSVF | 5 | 1.19 | 4.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.58 | 1.38 |
| RNBGS | 6 | 3.70 | 17.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 15.16 |
| RNDHC | 6 | 1.24 | 5.33 | 3.19 | 24.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.49 | 18.35 | 3.09 | 43.18 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNCGC | 6 | 5.58 | 21.14 | 54.39 | 376.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNCHC | 6 | 1.10 | 4.66 | 3.19 | 7.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.09 | 11.23 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNKGS | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSRN

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RNKHS | 6 | 0.34 | 1.19 | 0.21 | 1.39 | 0.40 | 2.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 | 1.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.25 |
| RNKVS | 6 | 0.08 | 0.30 | 0.01 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNMVC | 6 | 6.88 | 29.60 | 54.39 | 376.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 41.34 | 239.97 | 0.00 | 0.00 | 0.00 | 0.00 | 10.20 | 122.79 |
| RNPGC | 6 | 7.02 | 27.86 | 54.39 | 376.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.20 | 122.79 |
| RNPHC | 6 | 1.37 | 6.00 | 3.19 | 24.00 | 0.00 | 0.00 | 3.01 | 24.10 | 0.00 | 0.00 | 0.00 | 0.00 | 3.09 | 43.18 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNPVC | 6 | 5.59 | 23.11 | 54.39 | 376.05 | 0.00 | 0.00 | 54.72 | 371.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.20 | 122.79 |
| RNQGC | 6 | 7.37 | 29.52 | 54.39 | 376.05 | 0.00 | 0.00 | 54.72 | 371.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.20 | 122.79 |
| RNQVC | 6 | 6.10 | 25.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.20 | 122.79 |
| RNRGC | 6 | 6.46 | 25.17 | 54.39 | 376.05 | 0.00 | 0.00 | 54.72 | 371.25 | 0.00 | 0.00 | 41.34 | 239.97 | 0.00 | 0.00 | 0.00 | 0.00 | 10.20 | 122.79 |
| RNRVC | 6 | 5.14 | 20.92 | 54.39 | 376.05 | 0.00 | 0.00 | 54.72 | 371.25 | 0.00 | 0.00 | 41.34 | 239.97 | 0.00 | 0.00 | 0.00 | 0.00 | 10.20 | 122.79 |
| RNSVS | 6 | 0.05 | 0.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNBGF | 7 | 4.45 | 21.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 122.79 |
| RNDHC | 7 | 1.71 | 7.74 | 3.19 | 24.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.49 | 18.35 | 3.09 | 43.18 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNCGC | 7 | 6.07 | 24.91 | 54.39 | 376.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNCHC | 7 | 1.52 | 6.78 | 3.19 | 24.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.09 | 43.18 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNKGF | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNKHF | 7 | 1.21 | 5.20 | 3.19 | 24.00 | 6.30 | 47.62 | 0.00 | 0.00 | 0.00 | 0.00 | 2.49 | 18.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.58 | 4.51 |
| RNKVF | 7 | 3.97 | 19.57 | 17.10 | 76.01 | 0.00 | 0.00 | 0.00 | 0.00 | 17.62 | 73.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNMVC | 7 | 8.98 | 40.45 | 54.39 | 376.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 41.34 | 239.97 | 0.00 | 0.00 | 0.00 | 0.00 | 10.20 | 122.79 |
| RNPGC | 7 | 7.72 | 33.05 | 54.39 | 376.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.20 | 122.79 |
| RNPHC | 7 | 1.89 | 8.72 | 3.19 | 24.00 | 0.00 | 0.00 | 3.01 | 24.10 | 0.00 | 0.00 | 0.00 | 0.00 | 3.09 | 43.18 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNPVC | 7 | 7.29 | 31.70 | 54.39 | 376.05 | 0.00 | 0.00 | 54.72 | 371.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.20 | 122.79 |
| RNQGC | 7 | 8.11 | 35.06 | 54.39 | 376.05 | 0.00 | 0.00 | 54.72 | 371.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.20 | 122.79 |
| RNQVC | 7 | 7.96 | 35.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.20 | 122.79 |
| RNRGC | 7 | 7.07 | 29.79 | 54.39 | 376.05 | 0.00 | 0.00 | 54.72 | 371.25 | 0.00 | 0.00 | 41.34 | 239.97 | 0.00 | 0.00 | 0.00 | 0.00 | 10.20 | 122.79 |
| RNRVC | 7 | 6.71 | 28.74 | 54.39 | 376.05 | 0.00 | 0.00 | 54.72 | 371.25 | 0.00 | 0.00 | 41.34 | 239.97 | 0.00 | 0.00 | 0.00 | 0.00 | 10.20 | 122.79 |
| RNSVF | 7 | 2.42 | 11.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 15.16 |
| RNBGS | 11 | 0.67 | 2.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 1.38 |
| RNDHS | 11 | 0.01 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNCGS | 11 | 0.06 | 0.15 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNCHS | 11 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNKGS | 11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNKHS | 11 | 0.13 | 0.41 | 0.03 | 0.09 | 0.06 | 0.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 |
| RNKVS | 11 | 0.03 | 0.11 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNMVS | 11 | 0.00 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNPGS | 11 | 0.12 | 0.31 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 |
| RNPHS | 11 | 0.01 | 0.03 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSRN

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RNPVS 11 | 0.00 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNQGS 11 | 0.18 | 0.47 | 0.03 | 0.09 | 0.00 | 0.00 | 0.03 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 |
| RNQVS 11 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNRGS 11 | 0.16 | 0.40 | 0.03 | 0.09 | 0.00 | 0.00 | 0.03 | 0.08 | 0.00 | 0.00 | 0.03 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 |
| RNRVS 11 | 0.00 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNSVS 11 | 0.03 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNDHC 12 | 0.83 | 3.37 | 0.82 | 7.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.65 | 5.73 | 0.74 | 11.23 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNCGC 12 | 3.16 | 11.66 | 17.10 | 76.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNCHC 12 | 0.74 | 2.95 | 0.82 | 7.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.74 | 11.23 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNMVC 12 | 4.77 | 19.11 | 17.10 | 76.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 13.09 | 56.26 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 15.16 |
| RNPGC 12 | 4.06 | 15.58 | 17.10 | 76.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 15.16 |
| RNPHC 12 | 0.92 | 3.80 | 0.82 | 7.50 | 0.00 | 0.00 | 0.76 | 7.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.74 | 11.23 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNPVC 12 | 3.86 | 14.86 | 17.10 | 76.01 | 0.00 | 0.00 | 16.73 | 76.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 15.16 |
| RNQGC 12 | 4.28 | 16.53 | 17.10 | 76.01 | 0.00 | 0.00 | 16.73 | 76.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 15.16 |
| RNQVC 12 | 4.21 | 16.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 15.16 |
| RNRGC 12 | 3.70 | 14.00 | 17.10 | 76.01 | 0.00 | 0.00 | 16.73 | 76.01 | 0.00 | 0.00 | 13.09 | 56.26 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 15.16 |
| RNRVC 12 | 3.55 | 13.43 | 17.10 | 76.01 | 0.00 | 0.00 | 16.73 | 76.01 | 0.00 | 0.00 | 13.09 | 56.26 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 15.16 |
| RNBGF 13 | 2.19 | 9.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 4.51 |
| RNKGF 13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNKHF 13 | 0.59 | 2.26 | 0.82 | 7.50 | 1.60 | 14.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.65 | 5.73 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 1.38 |
| RNKVF 13 | 1.96 | 8.65 | 3.19 | 24.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.29 | 24.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNSVF 13 | 1.19 | 4.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.58 | 1.38 |
| RNBGS 14 | 0.22 | 0.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.06 |
| RNDHS 14 | 0.02 | 0.04 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNCGS 14 | 0.16 | 0.51 | 0.03 | 0.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNCHS 14 | 0.02 | 0.04 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNKGS 14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNKHS 14 | 0.02 | 0.04 | 0.01 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNKVS 14 | 0.00 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNMVS 14 | 0.00 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNPGS 14 | 0.22 | 0.71 | 0.21 | 0.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.06 |
| RNPHS 14 | 0.02 | 0.04 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNPVS 14 | 0.00 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNQGS 14 | 0.22 | 0.71 | 0.21 | 0.36 | 0.00 | 0.00 | 0.19 | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.06 |
| RNQVS 14 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNRGS 14 | 0.22 | 0.71 | 0.21 | 0.36 | 0.00 | 0.00 | 0.19 | 0.33 | 0.00 | 0.00 | 0.17 | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.06 |
| RNRVS 14 | 0.00 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSRN

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RNSVS 14 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNDHC 15 | 0.10 | 0.31 | 0.01 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNCGC 15 | 0.50 | 1.41 | 0.82 | 1.39 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNCHC 15 | 0.07 | 0.21 | 0.01 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNMVC 15 | 1.64 | 5.39 | 3.19 | 24.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.49 | 18.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.58 | 4.51 |
| RNPGC 15 | 1.00 | 2.92 | 0.82 | 7.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 1.38 |
| RNPHC 15 | 0.14 | 0.47 | 0.03 | 0.09 | 0.00 | 0.00 | 0.03 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNPVC 15 | 0.72 | 2.14 | 0.82 | 7.50 | 0.00 | 0.00 | 0.76 | 7.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 1.38 |
| RNQGC 15 | 1.46 | 4.46 | 3.19 | 7.50 | 0.00 | 0.00 | 3.01 | 7.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.58 | 1.38 |
| RNQVC 15 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.58 | 1.38 |
| RNRGC 15 | 2.90 | 9.10 | 17.10 | 24.00 | 0.00 | 0.00 | 16.73 | 24.10 | 0.00 | 0.00 | 13.09 | 18.35 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 4.51 |
| RNRVC 15 | 0.94 | 2.84 | 0.82 | 7.50 | 0.00 | 0.00 | 0.76 | 7.31 | 0.00 | 0.00 | 0.65 | 5.73 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 1.38 |

Report for file CNSRN

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RNBGS | 3 | 0.67 | 2.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 20.79 | 176.95 |
| RNDHS | 3 | 0.01 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.44 | 0.44 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNCGS | 3 | 0.06 | 0.15 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNCHS | 3 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNKGS | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNKHS | 3 | 0.13 | 0.41 | 0.01 | 121.36 | 0.97 | 83.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.44 | 27.33 | 0.00 | 0.00 | 0.00 | 0.00 | 5.05 | 15.16 |
| RNKVS | 3 | 0.03 | 0.11 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 117.64 | 117.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNMVS | 3 | 0.00 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.44 | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| RNPGS | 3 | 0.12 | 0.31 | 0.01 | 121.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.05 | 15.16 |
| RNPHS | 3 | 0.01 | 0.03 | 0.01 | 0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNPVS | 3 | 0.00 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| RNQGS | 3 | 0.18 | 0.47 | 0.01 | 121.36 | 0.00 | 0.00 | 0.01 | 27.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.05 | 15.16 |
| RNQVS | 3 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| RNRGS | 3 | 0.16 | 0.40 | 0.01 | 121.36 | 0.00 | 0.00 | 0.01 | 27.33 | 0.00 | 0.00 | 0.44 | 27.33 | 0.00 | 0.00 | 0.00 | 0.00 | 5.05 | 15.16 |
| RNRVS | 3 | 0.00 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.44 | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| RNSVS | 3 | 0.03 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| RNDHC | 4 | 0.83 | 3.37 | 413.51 | 893.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 101.02 | 893.50 | 101.02 | 893.50 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNCGC | 4 | 3.16 | 11.66 | 1147.73 | 6281.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNCHC | 4 | 0.74 | 2.95 | 413.51 | 893.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 101.02 | 893.50 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNMVC | 4 | 4.77 | 19.11 | 1147.73 | 6281.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1147.73 | 6281.94 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 1007.95 |
| RNPGC | 4 | 4.06 | 15.58 | 1147.73 | 6281.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 1007.95 |
| RNPHC | 4 | 0.92 | 3.80 | 413.51 | 893.50 | 0.00 | 0.00 | 101.02 | 893.50 | 0.00 | 0.00 | 0.00 | 0.00 | 101.02 | 893.50 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNPVC | 4 | 3.86 | 14.86 | 1147.73 | 6281.94 | 0.00 | 0.00 | 1147.73 | 6281.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 1007.95 |
| RNQGC | 4 | 4.28 | 16.53 | 1147.73 | 6281.94 | 0.00 | 0.00 | 1147.73 | 6281.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 1007.95 |
| RNQVC | 4 | 4.21 | 16.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 1007.95 |
| RNRGC | 4 | 3.70 | 14.00 | 1147.73 | 6281.94 | 0.00 | 0.00 | 1147.73 | 6281.94 | 0.00 | 0.00 | 1147.73 | 6281.94 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 1007.95 |
| RNRVC | 4 | 3.55 | 13.43 | 1147.73 | 6281.94 | 0.00 | 0.00 | 1147.73 | 6281.94 | 0.00 | 0.00 | 1147.73 | 6281.94 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 1007.95 |
| RNBGF | 5 | 2.19 | 9.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 436.03 |
| RNKGF | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNKHF | 5 | 0.59 | 2.26 | 413.51 | 893.50 | 410.48 | 3440.65 | 0.00 | 0.00 | 0.00 | 0.00 | 101.02 | 893.50 | 0.00 | 0.00 | 0.00 | 0.00 | 20.79 | 176.95 |
| RNKVF | 5 | 1.96 | 8.65 | 433.31 | 2272.02 | 0.00 | 0.00 | 0.00 | 0.00 | 1372.61 | 2272.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNSVF | 5 | 1.19 | 4.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 53.55 | 176.95 |
| RNBGS | 6 | 3.70 | 17.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 1007.95 |
| RNDHC | 6 | 1.24 | 5.33 | 433.31 | 2272.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 306.46 | 2272.02 | 306.46 | 2272.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNCGC | 6 | 5.58 | 21.14 | 4140.81 | 23370.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNCHC | 6 | 1.10 | 4.66 | 433.31 | 893.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 306.46 | 893.50 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNKGS | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSRN

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RNKHS | 6 | 0.34 | 1.19 | 121.36 | 431.05 | 83.96 | 697.56 | 0.00 | 0.00 | 0.00 | 0.00 | 27.33 | 211.74 | 0.00 | 0.00 | 0.00 | 0.00 | 15.16 | 36.32 |
| RNKVS | 6 | 0.08 | 0.30 | 0.01 | 121.36 | 0.00 | 0.00 | 0.00 | 0.00 | 117.64 | 352.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNMVC | 6 | 6.88 | 29.60 | 4140.81 | 23370.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4140.81 | 23370.3 | 0.00 | 0.00 | 0.00 | 0.00 | 832.44 | 2524.63 |
| RNPGC | 6 | 7.02 | 27.86 | 4140.81 | 23370.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 832.44 | 2524.63 |
| RNPHC | 6 | 1.37 | 6.00 | 433.31 | 2272.02 | 0.00 | 0.00 | 306.46 | 2272.02 | 0.00 | 0.00 | 0.00 | 0.00 | 306.46 | 2272.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNPVC | 6 | 5.59 | 23.11 | 4140.81 | 23370.3 | 0.00 | 0.00 | 4140.81 | 23370.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 832.44 | 2524.63 |
| RNQGC | 6 | 7.37 | 29.52 | 4140.81 | 23370.3 | 0.00 | 0.00 | 4140.81 | 23370.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 832.44 | 2524.63 |
| RNQVC | 6 | 6.10 | 25.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 832.44 | 2524.63 |
| RNRGC | 6 | 6.46 | 25.17 | 4140.81 | 23370.3 | 0.00 | 0.00 | 4140.81 | 23370.3 | 0.00 | 0.00 | 4140.81 | 23370.3 | 0.00 | 0.00 | 0.00 | 0.00 | 832.44 | 2524.63 |
| RNRVC | 6 | 5.14 | 20.92 | 4140.81 | 23370.3 | 0.00 | 0.00 | 4140.81 | 23370.3 | 0.00 | 0.00 | 4140.81 | 23370.3 | 0.00 | 0.00 | 0.00 | 0.00 | 832.44 | 2524.63 |
| RNSVS | 6 | 0.05 | 0.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 5.05 |
| RNBGF | 7 | 4.45 | 21.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 2524.63 |
| RNDHC | 7 | 1.71 | 7.74 | 433.31 | 2272.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 306.46 | 2272.02 | 306.46 | 2272.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNCGC | 7 | 6.07 | 24.91 | 4140.81 | 23370.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNCHC | 7 | 1.52 | 6.78 | 433.31 | 2272.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 306.46 | 2272.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNKGF | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNKHF | 7 | 1.21 | 5.20 | 433.31 | 2272.02 | 801.10 | 7645.14 | 0.00 | 0.00 | 0.00 | 0.00 | 306.46 | 2272.02 | 0.00 | 0.00 | 0.00 | 0.00 | 53.55 | 436.03 |
| RNKVF | 7 | 3.97 | 19.57 | 1147.73 | 6281.94 | 0.00 | 0.00 | 0.00 | 0.00 | 1856.88 | 6281.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNMVC | 7 | 8.98 | 40.45 | 4140.81 | 23370.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4140.81 | 23370.3 | 0.00 | 0.00 | 0.00 | 0.00 | 832.44 | 2524.63 |
| RNPGC | 7 | 7.72 | 33.05 | 4140.81 | 23370.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 832.44 | 2524.63 |
| RNPHC | 7 | 1.89 | 8.72 | 433.31 | 2272.02 | 0.00 | 0.00 | 306.46 | 2272.02 | 0.00 | 0.00 | 0.00 | 0.00 | 306.46 | 2272.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNPVC | 7 | 7.29 | 31.70 | 4140.81 | 23370.3 | 0.00 | 0.00 | 4140.81 | 23370.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 832.44 | 2524.63 |
| RNQGC | 7 | 8.11 | 35.06 | 4140.81 | 23370.3 | 0.00 | 0.00 | 4140.81 | 23370.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 832.44 | 2524.63 |
| RNQVC | 7 | 7.96 | 35.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 832.44 | 2524.63 |
| RNRGC | 7 | 7.07 | 29.79 | 4140.81 | 23370.3 | 0.00 | 0.00 | 4140.81 | 23370.3 | 0.00 | 0.00 | 4140.81 | 23370.3 | 0.00 | 0.00 | 0.00 | 0.00 | 832.44 | 2524.63 |
| RNRVC | 7 | 6.71 | 28.74 | 4140.81 | 23370.3 | 0.00 | 0.00 | 4140.81 | 23370.3 | 0.00 | 0.00 | 4140.81 | 23370.3 | 0.00 | 0.00 | 0.00 | 0.00 | 832.44 | 2524.63 |
| RNSVF | 7 | 2.42 | 11.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 1007.95 |
| RNBGS | 11 | 0.67 | 2.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 20.79 | 176.95 |
| RNDHS | 11 | 0.01 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.44 | 0.44 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNCGS | 11 | 0.06 | 0.15 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNCHS | 11 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNKGS | 11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNKHS | 11 | 0.13 | 0.41 | 0.01 | 121.36 | 0.97 | 83.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.44 | 27.33 | 0.00 | 0.00 | 0.00 | 0.00 | 5.05 | 15.16 |
| RNKVS | 11 | 0.03 | 0.11 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 117.64 | 117.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNMVS | 11 | 0.00 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.44 | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| RNPGS | 11 | 0.12 | 0.31 | 0.01 | 121.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.05 | 15.16 |
| RNPHS | 11 | 0.01 | 0.03 | 0.01 | 0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSRN

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RNPVS | 11 | 0.00 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| RNQGS | 11 | 0.18 | 0.47 | 0.01 | 121.36 | 0.00 | 0.00 | 0.01 | 27.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.05 | 15.16 |
| RNQVS | 11 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| RNRGS | 11 | 0.16 | 0.40 | 0.01 | 121.36 | 0.00 | 0.00 | 0.01 | 27.33 | 0.00 | 0.00 | 0.44 | 27.33 | 0.00 | 0.00 | 0.00 | 0.00 | 5.05 | 15.16 |
| RNRVS | 11 | 0.00 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.44 | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| RNSVS | 11 | 0.03 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| RNDHC | 12 | 0.83 | 3.37 | 413.51 | 893.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 101.02 | 893.50 | 101.02 | 893.50 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNCGC | 12 | 3.16 | 11.66 | 1147.73 | 6281.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNCHC | 12 | 0.74 | 2.95 | 413.51 | 893.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 101.02 | 893.50 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNMVC | 12 | 4.77 | 19.11 | 1147.73 | 6281.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1147.73 | 6281.94 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 1007.95 |
| RNPGC | 12 | 4.06 | 15.58 | 1147.73 | 6281.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 1007.95 |
| RNPHC | 12 | 0.92 | 3.80 | 413.51 | 893.50 | 0.00 | 0.00 | 101.02 | 893.50 | 0.00 | 0.00 | 0.00 | 0.00 | 101.02 | 893.50 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNPVC | 12 | 3.86 | 14.86 | 1147.73 | 6281.94 | 0.00 | 0.00 | 1147.73 | 6281.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 1007.95 |
| RNQGC | 12 | 4.28 | 16.53 | 1147.73 | 6281.94 | 0.00 | 0.00 | 1147.73 | 6281.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 1007.95 |
| RNQVC | 12 | 4.21 | 16.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 1007.95 |
| RNRGC | 12 | 3.70 | 14.00 | 1147.73 | 6281.94 | 0.00 | 0.00 | 1147.73 | 6281.94 | 0.00 | 0.00 | 1147.73 | 6281.94 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 1007.95 |
| RNRVC | 12 | 3.55 | 13.43 | 1147.73 | 6281.94 | 0.00 | 0.00 | 1147.73 | 6281.94 | 0.00 | 0.00 | 1147.73 | 6281.94 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 1007.95 |
| RNBGF | 13 | 2.19 | 9.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 436.03 |
| RNKGF | 13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNKHF | 13 | 0.59 | 2.26 | 413.51 | 893.50 | 410.48 | 3440.65 | 0.00 | 0.00 | 0.00 | 0.00 | 101.02 | 893.50 | 0.00 | 0.00 | 0.00 | 0.00 | 20.79 | 176.95 |
| RNKVF | 13 | 1.96 | 8.65 | 433.31 | 2272.02 | 0.00 | 0.00 | 0.00 | 0.00 | 1372.61 | 2272.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNSVF | 13 | 1.19 | 4.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 53.55 | 176.95 |
| RNBGS | 14 | 0.22 | 0.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 15.16 | 20.79 |
| RNDHS | 14 | 0.02 | 0.04 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.44 | 0.44 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNCGS | 14 | 0.16 | 0.51 | 0.01 | 413.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNCHS | 14 | 0.02 | 0.04 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNKGS | 14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNKHS | 14 | 0.02 | 0.04 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.44 | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| RNKVS | 14 | 0.00 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 117.64 | 117.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNMVS | 14 | 0.00 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.44 | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| RNPGS | 14 | 0.22 | 0.71 | 121.36 | 413.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 15.16 | 20.79 |
| RNPHS | 14 | 0.02 | 0.04 | 0.01 | 0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNPVS | 14 | 0.00 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| RNQGS | 14 | 0.22 | 0.71 | 121.36 | 413.51 | 0.00 | 0.00 | 27.33 | 99.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 15.16 | 20.79 |
| RNQVS | 14 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| RNRGS | 14 | 0.22 | 0.71 | 121.36 | 413.51 | 0.00 | 0.00 | 27.33 | 99.76 | 0.00 | 0.00 | 27.33 | 99.76 | 0.00 | 0.00 | 0.00 | 0.00 | 15.16 | 20.79 |
| RNRVS | 14 | 0.00 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.44 | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |

Report for file CNSRN

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RNSVS | 14 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| RNDHC | 15 | 0.10 | 0.31 | 0.01 | 121.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.44 | 27.33 | 0.01 | 27.33 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNCGC | 15 | 0.50 | 1.41 | 413.51 | 431.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNCHC | 15 | 0.07 | 0.21 | 0.01 | 121.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 27.33 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNMVC | 15 | 1.64 | 5.39 | 433.31 | 2272.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 306.46 | 2272.02 | 0.00 | 0.00 | 0.00 | 0.00 | 53.55 | 436.03 |
| RNPGC | 15 | 1.00 | 2.92 | 413.51 | 893.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 20.79 | 176.95 |
| RNPHC | 15 | 0.14 | 0.47 | 0.01 | 121.36 | 0.00 | 0.00 | 0.01 | 27.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 27.33 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNPVC | 15 | 0.72 | 2.14 | 413.51 | 893.50 | 0.00 | 0.00 | 101.02 | 893.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 20.79 | 176.95 |
| RNQGC | 15 | 1.46 | 4.46 | 433.31 | 893.50 | 0.00 | 0.00 | 306.46 | 893.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 53.55 | 176.95 |
| RNQVC | 15 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 53.55 | 176.95 |
| RNRGC | 15 | 2.90 | 9.10 | 1147.73 | 2272.02 | 0.00 | 0.00 | 1147.73 | 2272.02 | 0.00 | 0.00 | 1147.73 | 2272.02 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 436.03 |
| RNRVC | 15 | 0.94 | 2.84 | 413.51 | 893.50 | 0.00 | 0.00 | 101.02 | 893.50 | 0.00 | 0.00 | 101.02 | 893.50 | 0.00 | 0.00 | 0.00 | 0.00 | 20.79 | 176.95 |

Report for file CNSRN

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RNBGS | 3 | 0.670 | 0.040 | 0.720 | 0.470 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNDHS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNCGS | 3 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNCHS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKGS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKHS | 3 | 0.130 | 0.000 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKVS | 3 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNMVS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPGS | 3 | 0.120 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPHS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPVS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNQGS | 3 | 0.180 | 0.000 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNQVS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNRGS | 3 | 0.160 | 0.000 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNRVS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNSVS | 3 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNDHC | 4 | 0.830 | 0.060 | 0.750 | 0.510 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNCGC | 4 | 3.160 | 0.750 | 0.950 | 0.900 | 0.740 | 0.490 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNCHC | 4 | 0.740 | 0.050 | 0.720 | 0.480 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNMVC | 4 | 4.770 | 1.650 | 0.970 | 0.930 | 0.830 | 0.660 | 0.380 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPGC | 4 | 4.060 | 1.220 | 0.960 | 0.920 | 0.800 | 0.600 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPHC | 4 | 0.920 | 0.070 | 0.780 | 0.560 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPVC | 4 | 3.860 | 1.100 | 0.960 | 0.910 | 0.790 | 0.570 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNQGC | 4 | 4.280 | 1.340 | 0.960 | 0.920 | 0.810 | 0.620 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNQVC | 4 | 4.210 | 1.300 | 0.960 | 0.920 | 0.800 | 0.610 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNRGC | 4 | 3.700 | 1.020 | 0.960 | 0.910 | 0.780 | 0.560 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNRVC | 4 | 3.550 | 0.940 | 0.950 | 0.910 | 0.770 | 0.530 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNBGF | 5 | 2.190 | 0.380 | 0.920 | 0.840 | 0.600 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKGF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKHF | 5 | 0.590 | 0.030 | 0.640 | 0.410 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKVF | 5 | 1.960 | 0.310 | 0.910 | 0.820 | 0.540 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNSVF | 5 | 1.190 | 0.120 | 0.840 | 0.690 | 0.350 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNBGS | 6 | 3.700 | 1.020 | 0.950 | 0.910 | 0.770 | 0.540 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNDHC | 6 | 1.240 | 0.130 | 0.840 | 0.680 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNCGC | 6 | 5.580 | 2.220 | 0.970 | 0.940 | 0.860 | 0.710 | 0.450 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNCHC | 6 | 1.100 | 0.100 | 0.820 | 0.630 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKGS | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKHS | 6 | 0.340 | 0.010 | 0.450 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSRN

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RNKVS | 6 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNMVC | 6 | 6.880 | 3.310 | 0.980 | 0.950 | 0.880 | 0.770 | 0.540 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPGC | 6 | 7.020 | 3.440 | 0.980 | 0.960 | 0.890 | 0.780 | 0.550 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPHC | 6 | 1.370 | 0.150 | 0.850 | 0.710 | 0.400 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPVC | 6 | 5.590 | 2.230 | 0.970 | 0.940 | 0.860 | 0.710 | 0.450 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNQGC | 6 | 7.370 | 3.770 | 0.980 | 0.960 | 0.890 | 0.790 | 0.570 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNQVC | 6 | 6.100 | 2.630 | 0.970 | 0.950 | 0.870 | 0.740 | 0.480 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNRGC | 6 | 6.460 | 2.930 | 0.980 | 0.950 | 0.880 | 0.750 | 0.510 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNRVC | 6 | 5.140 | 1.900 | 0.970 | 0.940 | 0.840 | 0.680 | 0.410 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNSVS | 6 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNBGF | 7 | 4.450 | 1.450 | 0.960 | 0.920 | 0.810 | 0.620 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNDHC | 7 | 1.710 | 0.230 | 0.880 | 0.770 | 0.460 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNCGC | 7 | 6.070 | 2.610 | 0.970 | 0.950 | 0.870 | 0.740 | 0.480 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNCHC | 7 | 1.520 | 0.190 | 0.870 | 0.740 | 0.430 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKGF | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKHF | 7 | 1.210 | 0.120 | 0.830 | 0.670 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKVF | 7 | 3.970 | 1.160 | 0.960 | 0.910 | 0.780 | 0.550 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNMVC | 7 | 8.980 | 5.490 | 0.980 | 0.970 | 0.910 | 0.830 | 0.650 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPGC | 7 | 7.720 | 4.120 | 0.980 | 0.960 | 0.900 | 0.800 | 0.590 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPHC | 7 | 1.890 | 0.280 | 0.900 | 0.790 | 0.490 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPVC | 7 | 7.290 | 3.700 | 0.980 | 0.960 | 0.890 | 0.780 | 0.560 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNQGC | 7 | 8.110 | 4.530 | 0.980 | 0.960 | 0.900 | 0.810 | 0.620 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNQVC | 7 | 7.960 | 4.360 | 0.980 | 0.960 | 0.900 | 0.800 | 0.600 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNRGC | 7 | 7.070 | 3.490 | 0.980 | 0.960 | 0.890 | 0.780 | 0.550 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNRVC | 7 | 6.710 | 3.160 | 0.980 | 0.950 | 0.880 | 0.760 | 0.520 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNSVF | 7 | 2.420 | 0.450 | 0.930 | 0.850 | 0.630 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNBGS | 11 | 0.670 | 0.040 | 0.720 | 0.470 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNDHS | 11 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNCGS | 11 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNCHS | 11 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKGS | 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKHS | 11 | 0.130 | 0.000 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKVS | 11 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNMVS | 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPGS | 11 | 0.120 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPHS | 11 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPVS | 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNQGS | 11 | 0.180 | 0.000 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSRN

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RNQVS 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNRGS 11 | 0.160 | 0.000 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNRVS 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNSVS 11 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNDHC 12 | 0.830 | 0.060 | 0.750 | 0.510 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNCGC 12 | 3.160 | 0.750 | 0.950 | 0.900 | 0.740 | 0.490 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNCHC 12 | 0.740 | 0.050 | 0.720 | 0.480 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNMVC 12 | 4.770 | 1.650 | 0.970 | 0.930 | 0.830 | 0.660 | 0.380 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPGC 12 | 4.060 | 1.220 | 0.960 | 0.920 | 0.800 | 0.600 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPHC 12 | 0.920 | 0.070 | 0.780 | 0.560 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPVC 12 | 3.860 | 1.100 | 0.960 | 0.910 | 0.790 | 0.570 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNQGC 12 | 4.280 | 1.340 | 0.960 | 0.920 | 0.810 | 0.620 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNQVC 12 | 4.210 | 1.300 | 0.960 | 0.920 | 0.800 | 0.610 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNRGC 12 | 3.700 | 1.020 | 0.960 | 0.910 | 0.780 | 0.560 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNRVC 12 | 3.550 | 0.940 | 0.950 | 0.910 | 0.770 | 0.530 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNBGF 13 | 2.190 | 0.380 | 0.920 | 0.840 | 0.600 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKGF 13 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKHF 13 | 0.590 | 0.030 | 0.640 | 0.410 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKVF 13 | 1.960 | 0.310 | 0.910 | 0.820 | 0.540 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNSVF 13 | 1.190 | 0.120 | 0.840 | 0.690 | 0.350 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNBGS 14 | 0.220 | 0.000 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNDHS 14 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNCGS 14 | 0.160 | 0.000 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNCHS 14 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKGS 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKHS 14 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKVS 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNMVS 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPGS 14 | 0.220 | 0.000 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPHS 14 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPVS 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNQGS 14 | 0.220 | 0.000 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNQVS 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNRGS 14 | 0.220 | 0.000 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNRVS 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNSVS 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNDHC 15 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNCGC 15 | 0.500 | 0.020 | 0.650 | 0.390 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSRN

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RNCHC 15 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNMVC 15 | 1.640 | 0.220 | 0.890 | 0.790 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPGC 15 | 1.000 | 0.080 | 0.830 | 0.660 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPHC 15 | 0.140 | 0.000 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPVC 15 | 0.720 | 0.050 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNQGC 15 | 1.460 | 0.170 | 0.880 | 0.770 | 0.450 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNQVC 15 | 1.120 | 0.110 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNRGC 15 | 2.900 | 0.640 | 0.940 | 0.890 | 0.720 | 0.460 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNRVC 15 | 0.940 | 0.070 | 0.810 | 0.610 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSRN

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RNBGS | 3 | 2.150 | 0.210 | 0.900 | 0.800 | 0.500 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNDHS | 3 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNCGS | 3 | 0.150 | 0.000 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNCHS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKGS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKHS | 3 | 0.410 | 0.010 | 0.460 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKVS | 3 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNMVS | 3 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPGS | 3 | 0.310 | 0.010 | 0.420 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPHS | 3 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPVS | 3 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNQGS | 3 | 0.470 | 0.010 | 0.570 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNQVS | 3 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNRGS | 3 | 0.400 | 0.010 | 0.500 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNRVS | 3 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNSVS | 3 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNDHC | 4 | 3.370 | 0.470 | 0.920 | 0.850 | 0.620 | 0.410 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNCGC | 4 | 11.660 | 4.400 | 0.980 | 0.970 | 0.920 | 0.840 | 0.680 | 0.340 | 0.010 | 0.000 | 0.000 | 0.000 |
| RNCHC | 4 | 2.950 | 0.370 | 0.910 | 0.830 | 0.570 | 0.380 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNMVC | 4 | 19.110 | 10.710 | 0.990 | 0.980 | 0.950 | 0.900 | 0.790 | 0.490 | 0.230 | 0.000 | 0.000 | 0.000 |
| RNPGC | 4 | 15.580 | 7.410 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.440 | 0.120 | 0.000 | 0.000 | 0.000 |
| RNPHC | 4 | 3.800 | 0.580 | 0.930 | 0.870 | 0.670 | 0.440 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPVC | 4 | 14.860 | 6.810 | 0.990 | 0.970 | 0.930 | 0.870 | 0.740 | 0.420 | 0.080 | 0.000 | 0.000 | 0.000 |
| RNQGC | 4 | 16.530 | 8.250 | 0.990 | 0.980 | 0.940 | 0.890 | 0.770 | 0.460 | 0.150 | 0.000 | 0.000 | 0.000 |
| RNQVC | 4 | 16.500 | 8.220 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.450 | 0.150 | 0.000 | 0.000 | 0.000 |
| RNRGC | 4 | 14.000 | 6.110 | 0.990 | 0.970 | 0.930 | 0.870 | 0.730 | 0.410 | 0.040 | 0.000 | 0.000 | 0.000 |
| RNRVC | 4 | 13.430 | 5.680 | 0.990 | 0.970 | 0.930 | 0.860 | 0.710 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 |
| RNBGF | 5 | 9.680 | 3.150 | 0.980 | 0.960 | 0.890 | 0.780 | 0.550 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKGF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKHF | 5 | 2.260 | 0.230 | 0.890 | 0.770 | 0.480 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKVF | 5 | 8.650 | 2.570 | 0.980 | 0.950 | 0.880 | 0.750 | 0.500 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNSVF | 5 | 4.810 | 0.890 | 0.960 | 0.910 | 0.780 | 0.560 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNBGS | 6 | 17.510 | 9.150 | 0.990 | 0.970 | 0.930 | 0.860 | 0.730 | 0.430 | 0.160 | 0.000 | 0.000 | 0.000 |
| RNDHC | 6 | 5.330 | 1.070 | 0.950 | 0.910 | 0.760 | 0.530 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNCGC | 6 | 21.140 | 12.840 | 0.990 | 0.980 | 0.950 | 0.910 | 0.820 | 0.540 | 0.280 | 0.000 | 0.000 | 0.000 |
| RNCHC | 6 | 4.660 | 0.850 | 0.950 | 0.890 | 0.730 | 0.490 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKGS | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKHS | 6 | 1.190 | 0.070 | 0.780 | 0.570 | 0.310 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSRN

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RNKVS | 6 | 0.300 | 0.010 | 0.400 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNMVC | 6 | 29.600 | 23.540 | 0.990 | 0.990 | 0.970 | 0.930 | 0.860 | 0.660 | 0.410 | 0.070 | 0.000 | 0.000 |
| RNPGC | 6 | 27.860 | 21.110 | 0.990 | 0.990 | 0.970 | 0.930 | 0.860 | 0.650 | 0.400 | 0.030 | 0.000 | 0.000 |
| RNPHC | 6 | 6.000 | 1.330 | 0.960 | 0.920 | 0.790 | 0.580 | 0.380 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPVC | 6 | 23.110 | 15.080 | 0.990 | 0.980 | 0.960 | 0.910 | 0.830 | 0.570 | 0.320 | 0.010 | 0.000 | 0.000 |
| RNQGC | 6 | 29.520 | 23.430 | 0.990 | 0.990 | 0.970 | 0.930 | 0.870 | 0.670 | 0.420 | 0.070 | 0.000 | 0.000 |
| RNQVC | 6 | 25.650 | 18.180 | 0.990 | 0.980 | 0.960 | 0.920 | 0.840 | 0.610 | 0.360 | 0.010 | 0.000 | 0.000 |
| RNRGC | 6 | 25.170 | 17.590 | 0.990 | 0.980 | 0.960 | 0.920 | 0.850 | 0.610 | 0.360 | 0.010 | 0.000 | 0.000 |
| RNRVC | 6 | 20.920 | 12.600 | 0.990 | 0.980 | 0.950 | 0.910 | 0.810 | 0.530 | 0.270 | 0.000 | 0.000 | 0.000 |
| RNSVS | 6 | 0.180 | 0.000 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNBGF | 7 | 21.450 | 13.190 | 0.990 | 0.980 | 0.950 | 0.900 | 0.800 | 0.500 | 0.270 | 0.000 | 0.000 | 0.000 |
| RNDHC | 7 | 7.740 | 2.110 | 0.970 | 0.940 | 0.840 | 0.680 | 0.450 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNCGC | 7 | 24.910 | 17.250 | 0.990 | 0.980 | 0.960 | 0.920 | 0.840 | 0.610 | 0.350 | 0.010 | 0.000 | 0.000 |
| RNCHC | 7 | 6.780 | 1.660 | 0.960 | 0.930 | 0.820 | 0.630 | 0.420 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKGF | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKHF | 7 | 5.200 | 1.030 | 0.950 | 0.900 | 0.760 | 0.520 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKVF | 7 | 19.570 | 11.170 | 0.990 | 0.980 | 0.940 | 0.890 | 0.780 | 0.470 | 0.220 | 0.000 | 0.000 | 0.000 |
| RNMVC | 7 | 40.450 | 41.290 | 0.990 | 0.990 | 0.970 | 0.950 | 0.900 | 0.750 | 0.500 | 0.250 | 0.000 | 0.000 |
| RNPGC | 7 | 33.050 | 28.710 | 0.990 | 0.990 | 0.970 | 0.940 | 0.880 | 0.700 | 0.450 | 0.150 | 0.000 | 0.000 |
| RNPHC | 7 | 8.720 | 2.610 | 0.970 | 0.940 | 0.860 | 0.710 | 0.470 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPVC | 7 | 31.700 | 26.630 | 0.990 | 0.990 | 0.970 | 0.940 | 0.870 | 0.680 | 0.430 | 0.110 | 0.000 | 0.000 |
| RNQGC | 7 | 35.060 | 31.930 | 0.990 | 0.990 | 0.970 | 0.940 | 0.890 | 0.720 | 0.470 | 0.180 | 0.000 | 0.000 |
| RNQVC | 7 | 35.130 | 32.030 | 0.990 | 0.990 | 0.970 | 0.940 | 0.880 | 0.710 | 0.460 | 0.180 | 0.000 | 0.000 |
| RNRGC | 7 | 29.790 | 23.810 | 0.990 | 0.990 | 0.970 | 0.930 | 0.870 | 0.670 | 0.420 | 0.080 | 0.000 | 0.000 |
| RNRVC | 7 | 28.740 | 22.320 | 0.990 | 0.990 | 0.960 | 0.930 | 0.860 | 0.650 | 0.400 | 0.050 | 0.000 | 0.000 |
| RNSVF | 7 | 11.040 | 3.990 | 0.980 | 0.960 | 0.900 | 0.800 | 0.610 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNBGS | 11 | 2.150 | 0.210 | 0.900 | 0.800 | 0.500 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNDHS | 11 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNCGS | 11 | 0.150 | 0.000 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNCHS | 11 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKGS | 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKHS | 11 | 0.410 | 0.010 | 0.460 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKVS | 11 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNMVS | 11 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPGS | 11 | 0.310 | 0.010 | 0.420 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPHS | 11 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPVS | 11 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNQGS | 11 | 0.470 | 0.010 | 0.570 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSRN

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RNQVS 11 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNRGS 11 | 0.400 | 0.010 | 0.500 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNRVS 11 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNSVS 11 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNDHC 12 | 3.370 | 0.470 | 0.920 | 0.850 | 0.620 | 0.410 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNCGC 12 | 11.660 | 4.400 | 0.980 | 0.970 | 0.920 | 0.840 | 0.680 | 0.340 | 0.010 | 0.000 | 0.000 | 0.000 |
| RNCHC 12 | 2.950 | 0.370 | 0.910 | 0.830 | 0.570 | 0.380 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNMVC 12 | 19.110 | 10.710 | 0.990 | 0.980 | 0.950 | 0.900 | 0.790 | 0.490 | 0.230 | 0.000 | 0.000 | 0.000 |
| RNPGC 12 | 15.580 | 7.410 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.440 | 0.120 | 0.000 | 0.000 | 0.000 |
| RNPHC 12 | 3.800 | 0.580 | 0.930 | 0.870 | 0.670 | 0.440 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPVC 12 | 14.860 | 6.810 | 0.990 | 0.970 | 0.930 | 0.870 | 0.740 | 0.420 | 0.080 | 0.000 | 0.000 | 0.000 |
| RNQGC 12 | 16.530 | 8.250 | 0.990 | 0.980 | 0.940 | 0.890 | 0.770 | 0.460 | 0.150 | 0.000 | 0.000 | 0.000 |
| RNQVC 12 | 16.500 | 8.220 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.450 | 0.150 | 0.000 | 0.000 | 0.000 |
| RNRGC 12 | 14.000 | 6.110 | 0.990 | 0.970 | 0.930 | 0.870 | 0.730 | 0.410 | 0.040 | 0.000 | 0.000 | 0.000 |
| RNRVC 12 | 13.430 | 5.680 | 0.990 | 0.970 | 0.930 | 0.860 | 0.710 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 |
| RNBGF 13 | 9.680 | 3.150 | 0.980 | 0.960 | 0.890 | 0.780 | 0.550 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKGF 13 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKHF 13 | 2.260 | 0.230 | 0.890 | 0.770 | 0.480 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKVF 13 | 8.650 | 2.570 | 0.980 | 0.950 | 0.880 | 0.750 | 0.500 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNSVF 13 | 4.810 | 0.890 | 0.960 | 0.910 | 0.780 | 0.560 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNBGS 14 | 0.710 | 0.030 | 0.710 | 0.460 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNDHS 14 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNCGS 14 | 0.510 | 0.020 | 0.600 | 0.350 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNCHS 14 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKGS 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKHS 14 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNKVS 14 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNMVS 14 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPGS 14 | 0.710 | 0.030 | 0.710 | 0.460 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPHS 14 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPVS 14 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNQGS 14 | 0.710 | 0.030 | 0.710 | 0.460 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNQVS 14 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNRGS 14 | 0.710 | 0.030 | 0.710 | 0.460 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNRVS 14 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNSVS 14 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNDHC 15 | 0.310 | 0.010 | 0.400 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNCGC 1F | 1.410 | 0.100 | 0.880 | 0.750 | 0.430 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSRN

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RNCHC 15 | 0.210 | 0.000 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNMVC 15 | 5.390 | 1.100 | 0.970 | 0.930 | 0.830 | 0.660 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPGC 15 | 2.920 | 0.360 | 0.940 | 0.880 | 0.700 | 0.440 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPHC 15 | 0.470 | 0.010 | 0.480 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNPVC 15 | 2.140 | 0.210 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNQGC 15 | 4.460 | 0.780 | 0.960 | 0.920 | 0.800 | 0.600 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNQVC 15 | 3.490 | 0.500 | 0.950 | 0.900 | 0.750 | 0.490 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNRGC 15 | 9.100 | 2.820 | 0.980 | 0.960 | 0.900 | 0.800 | 0.600 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 |
| RNRVC 15 | 2.840 | 0.350 | 0.940 | 0.880 | 0.690 | 0.430 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

# ACTIVITY CODE: RR

# RAIL TRANSPORTATION, REGIONAL DISPOSAL

Report for file CNSRR

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RRBGS | 3 | 2.342 | 0.000 | 0.000 | 1.654 | 1.515 | 1.654 | 1.515 | 360 | OP | 0.670 | 2.150 | 0.510 | 1.580 | 0.180 | 0.500 |
| RRDHS | 3 | 0.778 | 0.000 | 0.000 | -1.180 | -1.215 | -1.180 | -1.215 | 360 | OP | 0.010 | 0.020 | 0.010 | 0.010 | 0.000 | 0.000 |
| RRCGS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCHS | 3 | 0.505 | 0.000 | 0.000 | -1.426 | -1.451 | -1.426 | -1.451 | 360 | OP | 0.010 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| RRKGS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKHS | 3 | 3.230 | 0.000 | 0.000 | 1.026 | 1.000 | 1.026 | 1.000 | 360 | OP | 0.130 | 0.410 | 0.110 | 0.330 | 0.030 | 0.080 |
| RRKVS | 3 | 3.255 | 0.000 | 0.000 | -1.160 | -1.024 | -1.160 | -1.024 | 360 | OP | 0.030 | 0.110 | 0.020 | 0.080 | 0.010 | 0.020 |
| RRMVS | 3 | 1.021 | 0.000 | 0.000 | -3.171 | -3.050 | -3.171 | -3.050 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| RRPGS | 3 | 0.813 | 0.000 | 0.000 | 0.278 | 0.146 | 0.278 | 0.146 | 360 | OP | 0.120 | 0.310 | 0.090 | 0.230 | 0.030 | 0.080 |
| RRPHS | 3 | 1.068 | 0.000 | 0.000 | -0.919 | -0.962 | -0.919 | -0.962 | 360 | OP | 0.010 | 0.030 | 0.010 | 0.020 | 0.000 | 0.010 |
| RRPVS | 3 | 0.778 | 0.000 | 0.000 | -3.389 | -3.262 | -3.389 | -3.262 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| RRQGS | 3 | 1.161 | 0.000 | 0.000 | 0.591 | 0.451 | 0.591 | 0.451 | 360 | OP | 0.180 | 0.470 | 0.140 | 0.350 | 0.050 | 0.120 |
| RRQVS | 3 | 1.161 | 0.000 | 0.000 | -3.045 | -2.927 | -3.045 | -2.927 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| RRRGS | 3 | 1.029 | 0.000 | 0.000 | 0.472 | 0.335 | 0.472 | 0.335 | 360 | OP | 0.160 | 0.400 | 0.120 | 0.300 | 0.040 | 0.100 |
| RRRVS | 3 | 1.000 | 0.000 | 0.000 | -3.190 | -3.069 | -3.190 | -3.069 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| RRSVS | 3 | 3.146 | 0.000 | 0.000 | -1.258 | -1.124 | -1.258 | -1.124 | 0 | OP | 0.030 | 0.100 | 0.020 | 0.070 | 0.010 | 0.020 |
| RRDHC | 4 | 0.000 | 2.459 | 1.635 | 0.000 | 0.000 | 2.520 | 2.520 | 20 | OP | 0.830 | 3.370 | 0.670 | 2.560 | 0.200 | 0.670 |
| RRCGC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCHC | 4 | 0.000 | 2.362 | 1.539 | 0.000 | 0.000 | 2.423 | 2.423 | 20 | OP | 0.740 | 2.950 | 0.600 | 2.250 | 0.180 | 0.580 |
| RRMVC | 4 | 0.000 | 2.453 | 1.328 | 0.000 | 0.000 | 2.484 | 2.484 | 20 | OP | 4.770 | 19.110 | 3.640 | 14.120 | 1.460 | 4.850 |
| RRPGC | 4 | 0.000 | 2.290 | 1.767 | 0.000 | 0.000 | 2.404 | 2.404 | 20 | OP | 4.060 | 15.580 | 3.120 | 11.640 | 1.250 | 4.110 |
| RRPHC | 4 | 0.000 | 2.545 | 1.721 | 0.000 | 0.000 | 2.606 | 2.606 | 20 | OP | 0.920 | 3.800 | 0.750 | 2.880 | 0.230 | 0.750 |
| RRPVC | 4 | 0.000 | 2.255 | 1.130 | 0.000 | 0.000 | 2.286 | 2.286 | 20 | OP | 3.860 | 14.860 | 2.950 | 11.020 | 1.170 | 3.830 |
| RRQGC | 4 | 0.000 | 2.307 | 1.815 | 0.000 | 0.000 | 2.451 | 2.451 | 20 | OP | 4.280 | 16.530 | 3.290 | 12.340 | 1.320 | 4.350 |
| RRQVC | 4 | 0.000 | 2.337 | 1.213 | 0.000 | 0.000 | 2.368 | 2.368 | 20 | OP | 4.210 | 16.500 | 3.220 | 12.220 | 1.280 | 4.230 |
| RRRGC | 4 | 0.000 | 2.205 | 1.683 | 0.000 | 0.000 | 2.319 | 2.319 | 20 | OP | 3.700 | 14.000 | 2.850 | 10.470 | 1.130 | 3.720 |
| RRRVC | 4 | 0.000 | 2.176 | 1.051 | 0.000 | 0.000 | 2.207 | 2.207 | 20 | OP | 3.550 | 13.430 | 2.710 | 9.980 | 1.060 | 3.490 |
| RRBGF | 5 | 0.000 | 0.000 | 2.422 | 0.000 | 0.000 | 2.422 | 2.422 | 120 | OP | 2.190 | 9.680 | 1.660 | 7.110 | 0.620 | 2.240 |
| RRKGF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKHF | 5 | 0.000 | 0.000 | 2.230 | 0.000 | 0.000 | 2.230 | 2.230 | 120 | OP | 0.590 | 2.260 | 0.470 | 1.730 | 0.140 | 0.440 |
| RRKVF | 5 | 0.000 | 0.000 | 1.954 | 0.000 | 0.000 | 1.954 | 1.954 | 120 | OP | 1.960 | 8.650 | 1.470 | 6.270 | 0.540 | 2.020 |
| RRSVF | 5 | 0.000 | 0.000 | 1.530 | 0.000 | 0.000 | 1.530 | 1.530 | 120 | OP | 1.190 | 4.810 | 0.890 | 3.500 | 0.320 | 1.140 |
| RRBGS | 6 | 3.953 | 0.000 | 0.000 | 3.104 | 2.996 | 3.104 | 2.996 | 360 | OP | 3.700 | 17.510 | 2.840 | 12.780 | 1.090 | 3.700 |
| RRDHC | 6 | 3.509 | 2.840 | 0.000 | 1.277 | 1.257 | 2.852 | 2.851 | 360 | OP | 1.240 | 5.330 | 1.000 | 4.010 | 0.310 | 1.060 |
| RRCGC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCHC | 6 | 3.412 | 2.743 | 0.000 | 1.190 | 1.168 | 2.755 | 2.754 | 360 | OP | 1.100 | 4.660 | 0.890 | 3.520 | 0.270 | 0.930 |
| RRKGS | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKHS | 6 | 4.063 | 0.000 | 0.000 | 1.776 | 1.766 | 1.776 | 1.766 | 360 | OP | 0.340 | 1.190 | 0.270 | 0.930 | 0.080 | 0.230 |
| RRKVS | 6 | 4.088 | 0.000 | 0.000 | -0.410 | -0.258 | -0.410 | -0.258 | 360 | OP | 0.080 | 0.300 | 0.060 | 0.210 | 0.020 | 0.070 |

Report for file CNSRR

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RRMVC | 6 | 3.502 | 2.833 | 0.000 | -0.938 | -0.796 | 2.833 | 2.833 | 360 | OP | 6.880 | 29.600 | 5.240 | 21.760 | 2.160 | 7.340 |
| RRPGC | 6 | 3.339 | 2.670 | 0.000 | 2.551 | 2.432 | 2.916 | 2.868 | 360 | OP | 7.020 | 27.860 | 5.360 | 20.650 | 2.230 | 7.140 |
| RRPHC | 6 | 3.595 | 2.926 | 0.000 | 1.355 | 1.336 | 2.938 | 2.937 | 360 | OP | 1.370 | 6.000 | 1.110 | 4.510 | 0.340 | 1.200 |
| RRPVC | 6 | 3.304 | 2.635 | 0.000 | -1.116 | -0.979 | 2.635 | 2.635 | 360 | OP | 5.590 | 23.110 | 4.260 | 17.040 | 1.730 | 5.800 |
| RRQGC | 6 | 3.387 | 2.718 | 0.000 | 2.595 | 2.476 | 2.962 | 2.915 | 360 | OP | 7.370 | 29.520 | 5.630 | 21.870 | 2.350 | 7.550 |
| RRQVC | 6 | 3.387 | 2.718 | 0.000 | -1.041 | -0.902 | 2.718 | 2.718 | 360 | OP | 6.100 | 25.650 | 4.650 | 18.880 | 1.900 | 6.400 |
| RRRGC | 6 | 3.255 | 2.586 | 0.000 | 2.476 | 2.354 | 2.835 | 2.786 | 360 | OP | 6.460 | 25.170 | 4.930 | 18.680 | 2.040 | 6.480 |
| RRRVC | 6 | 3.225 | 2.556 | 0.000 | -1.187 | -1.051 | 2.556 | 2.556 | 360 | OP | 5.140 | 20.920 | 3.920 | 15.440 | 1.580 | 5.280 |
| RRSVS | 6 | 3.664 | 0.000 | 0.000 | -0.792 | -0.647 | -0.792 | -0.647 | 360 | OP | 0.050 | 0.180 | 0.040 | 0.130 | 0.010 | 0.040 |
| RRBGF | 7 | 0.000 | 0.000 | 3.024 | 0.000 | 0.000 | 3.024 | 3.024 | 60 | OP | 4.450 | 21.450 | 3.340 | 15.790 | 1.300 | 4.930 |
| RRDHC | 7 | 0.000 | 3.061 | 2.238 | 0.000 | 0.000 | 3.122 | 3.122 | 20 | OP | 1.710 | 7.740 | 1.380 | 5.790 | 0.430 | 1.550 |
| RRCGC | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCHC | 7 | 0.000 | 2.965 | 2.141 | 0.000 | 0.000 | 3.026 | 3.026 | 20 | OP | 1.520 | 6.780 | 1.230 | 5.080 | 0.380 | 1.360 |
| RRKGF | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKHF | 7 | 0.000 | 0.000 | 2.833 | 0.000 | 0.000 | 2.833 | 2.833 | 60 | OP | 1.210 | 5.200 | 0.980 | 3.910 | 0.300 | 1.030 |
| RRKVF | 7 | 0.000 | 0.000 | 2.556 | 0.000 | 0.000 | 2.556 | 2.556 | 60 | OP | 3.970 | 19.570 | 2.950 | 14.180 | 1.120 | 4.500 |
| RRMVC | 7 | 0.000 | 3.055 | 1.930 | 0.000 | 0.000 | 3.086 | 3.086 | 20 | OP | 8.980 | 40.450 | 6.810 | 29.660 | 2.860 | 9.930 |
| RRPGC | 7 | 0.000 | 2.892 | 2.369 | 0.000 | 0.000 | 3.006 | 3.006 | 20 | OP | 7.720 | 33.050 | 5.890 | 24.460 | 2.470 | 8.420 |
| RRPHC | 7 | 0.000 | 3.147 | 2.323 | 0.000 | 0.000 | 3.208 | 3.208 | 20 | OP | 1.890 | 8.720 | 1.530 | 6.520 | 0.480 | 1.750 |
| RRPVC | 7 | 0.000 | 2.857 | 1.732 | 0.000 | 0.000 | 2.888 | 2.888 | 20 | OP | 7.290 | 31.700 | 5.550 | 23.290 | 2.300 | 7.840 |
| RRQGC | 7 | 0.000 | 2.940 | 2.417 | 0.000 | 0.000 | 3.054 | 3.054 | 20 | OP | 8.110 | 35.060 | 6.190 | 25.940 | 2.600 | 8.920 |
| RRQVC | 7 | 0.000 | 2.940 | 1.815 | 0.000 | 0.000 | 2.971 | 2.971 | 20 | OP | 7.960 | 35.130 | 6.050 | 25.780 | 2.520 | 8.650 |
| RRRGC | 7 | 0.000 | 2.808 | 2.285 | 0.000 | 0.000 | 2.922 | 2.922 | 20 | OP | 7.070 | 29.790 | 5.400 | 22.060 | 2.240 | 7.620 |
| RRRVC | 7 | 0.000 | 2.778 | 1.653 | 0.000 | 0.000 | 2.809 | 2.809 | 20 | OP | 6.710 | 28.740 | 5.110 | 21.130 | 2.100 | 7.140 |
| RRSVF | 7 | 0.000 | 0.000 | 2.132 | 0.000 | 0.000 | 2.132 | 2.132 | 60 | OP | 2.420 | 11.040 | 1.810 | 8.000 | 0.670 | 2.560 |
| RRBGS | 11 | 2.342 | 0.000 | 0.000 | 1.654 | 1.515 | 1.654 | 1.515 | 360 | OP | 0.670 | 2.150 | 0.510 | 1.580 | 0.180 | 0.500 |
| RRDHS | 11 | 0.778 | 0.000 | 0.000 | -1.180 | -1.215 | -1.180 | -1.215 | 360 | OP | 0.010 | 0.020 | 0.010 | 0.010 | 0.000 | 0.000 |
| RRCGS | 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCHS | 11 | 0.505 | 0.000 | 0.000 | -1.426 | -1.451 | -1.426 | -1.451 | 360 | OP | 0.010 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| RRKGS | 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKHS | 11 | 3.230 | 0.000 | 0.000 | 1.026 | 1.000 | 1.026 | 1.000 | 360 | OP | 0.130 | 0.410 | 0.110 | 0.330 | 0.030 | 0.080 |
| RRKVS | 11 | 3.255 | 0.000 | 0.000 | -1.160 | -1.024 | -1.160 | -1.024 | 360 | OP | 0.030 | 0.110 | 0.020 | 0.080 | 0.010 | 0.020 |
| RRMVS | 11 | 1.021 | 0.000 | 0.000 | -3.171 | -3.050 | -3.171 | -3.050 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| RRPGS | 11 | 0.813 | 0.000 | 0.000 | 0.278 | 0.146 | 0.278 | 0.146 | 360 | OP | 0.120 | 0.310 | 0.090 | 0.230 | 0.030 | 0.080 |
| RRPHS | 11 | 1.068 | 0.000 | 0.000 | -0.919 | -0.962 | -0.919 | -0.962 | 360 | OP | 0.010 | 0.030 | 0.010 | 0.020 | 0.000 | 0.010 |
| RRPVS | 11 | 0.778 | 0.000 | 0.000 | -3.389 | -3.262 | -3.389 | -3.262 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| RRQGS | 11 | 1.161 | 0.000 | 0.000 | 0.591 | 0.451 | 0.591 | 0.451 | 360 | OP | 0.180 | 0.470 | 0.140 | 0.350 | 0.050 | 0.120 |
| RRQVS | 11 | 1.161 | 0.000 | 0.000 | -3.045 | -2.927 | -3.045 | -2.927 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| RRRGS | 11 | 1.029 | 0.000 | 0.000 | 0.472 | 0.335 | 0.472 | 0.335 | 360 | OP | 0.160 | 0.400 | 0.120 | 0.300 | 0.040 | 0.100 |

Report for file CNSRR

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | LOG OF EVAPORATED QUANTITY(LB) VAPOR | WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RRRVS | 11 | 1.000 | 0.000 | 0.000 | -3.190 | -3.069 | -3.190 | -3.069 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| RRSVS | 11 | 3.132 | 0.000 | 0.000 | -1.271 | -1.137 | -1.271 | -1.137 | 360 | OP | 0.030 | 0.100 | 0.020 | 0.070 | 0.010 | 0.020 |
| RRDHC | 12 | 0.000 | 2.459 | 1.635 | 0.000 | 0.000 | 2.520 | 2.520 | 20 | OP | 0.830 | 3.370 | 0.670 | 2.560 | 0.200 | 0.670 |
| RRCGC | 12 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCHC | 12 | 0.000 | 2.362 | 1.539 | 0.000 | 0.000 | 2.423 | 2.423 | 20 | OP | 0.740 | 2.950 | 0.600 | 2.250 | 0.180 | 0.580 |
| RRMVC | 12 | 0.000 | 2.453 | 1.328 | 0.000 | 0.000 | 2.484 | 2.484 | 20 | OP | 4.770 | 19.110 | 3.640 | 14.120 | 1.460 | 4.850 |
| RRPGC | 12 | 0.000 | 2.290 | 1.767 | 0.000 | 0.000 | 2.404 | 2.404 | 20 | OP | 4.060 | 15.580 | 3.120 | 11.640 | 1.250 | 4.110 |
| RRPHC | 12 | 0.000 | 2.545 | 1.721 | 0.000 | 0.000 | 2.606 | 2.606 | 20 | OP | 0.920 | 3.800 | 0.750 | 2.880 | 0.230 | 0.750 |
| RRPVC | 12 | 0.000 | 2.255 | 1.130 | 0.000 | 0.000 | 2.286 | 2.286 | 20 | OP | 3.860 | 14.860 | 2.950 | 11.020 | 1.170 | 3.830 |
| RRQGC | 12 | 0.000 | 2.337 | 1.815 | 0.000 | 0.000 | 2.451 | 2.451 | 20 | OP | 4.280 | 16.530 | 3.290 | 12.340 | 1.320 | 4.350 |
| RRQVC | 12 | 0.000 | 2.337 | 1.213 | 0.000 | 0.000 | 2.368 | 2.368 | 20 | OP | 4.210 | 16.500 | 3.220 | 12.220 | 1.280 | 4.230 |
| RRRGC | 12 | 0.000 | 2.205 | 1.683 | 0.000 | 0.000 | 2.319 | 2.319 | 20 | OP | 3.700 | 14.000 | 2.850 | 10.470 | 1.130 | 3.720 |
| RRRVC | 12 | 0.000 | 2.176 | 1.051 | 0.000 | 0.000 | 2.207 | 2.207 | 20 | OP | 3.550 | 13.430 | 2.710 | 9.980 | 1.060 | 3.490 |
| RRBGF | 13 | 0.000 | 0.000 | 2.422 | 0.000 | 0.000 | 2.422 | 2.422 | 120 | OP | 2.190 | 9.680 | 1.660 | 7.110 | 0.620 | 2.240 |
| RRKGF | 13 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKHF | 13 | 0.000 | 0.000 | 2.230 | 0.000 | 0.000 | 2.230 | 2.230 | 120 | OP | 0.590 | 2.260 | 0.470 | 1.730 | 0.140 | 0.440 |
| RRKVF | 13 | 0.000 | 0.000 | 1.954 | 0.000 | 0.000 | 1.954 | 1.954 | 120 | OP | 1.960 | 8.650 | 1.470 | 6.270 | 0.540 | 2.020 |
| RRSVF | 13 | 0.000 | 0.000 | 1.530 | 0.000 | 0.000 | 1.530 | 1.530 | 120 | OP | 1.190 | 4.810 | 0.890 | 3.500 | 0.320 | 1.140 |
| RRBGS | 14 | 0.000 | 0.000 | 0.740 | 0.000 | 0.000 | 0.740 | 0.740 | 360 | OP | 0.220 | 0.710 | 0.170 | 0.530 | 0.060 | 0.170 |
| RRDHS | 14 | 0.000 | 0.000 | -0.602 | 0.000 | 0.000 | -0.602 | -0.602 | 360 | OP | 0.020 | 0.040 | 0.010 | 0.030 | 0.000 | 0.010 |
| RRCGS | 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCHS | 14 | 0.000 | 0.000 | -0.602 | 0.000 | 0.000 | -0.602 | -0.602 | 360 | OP | 0.020 | 0.040 | 0.010 | 0.030 | 0.000 | 0.010 |
| RRKGS | 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKHS | 14 | 0.000 | 0.000 | -0.602 | 0.000 | 0.000 | -0.602 | -0.602 | 360 | OP | 0.020 | 0.040 | 0.010 | 0.030 | 0.000 | 0.010 |
| RRKVS | 14 | 0.000 | 0.000 | -2.678 | 0.000 | 0.000 | -2.678 | -2.678 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| RRMVS | 14 | 0.000 | 0.000 | -2.678 | 0.000 | 0.000 | -2.678 | -2.678 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| RRPGS | 14 | 0.000 | 0.000 | 0.740 | 0.000 | 0.000 | 0.740 | 0.740 | 360 | OP | 0.220 | 0.710 | 0.170 | 0.530 | 0.060 | 0.170 |
| RRPHS | 14 | 0.000 | 0.000 | -0.602 | 0.000 | 0.000 | -0.602 | -0.602 | 360 | OP | 0.020 | 0.040 | 0.010 | 0.030 | 0.000 | 0.010 |
| RRPVS | 14 | 0.000 | 0.000 | -2.678 | 0.000 | 0.000 | -2.678 | -2.678 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| RRQGS | 14 | 0.000 | 0.000 | 0.740 | 0.000 | 0.000 | 0.740 | 0.740 | 360 | OP | 0.220 | 0.710 | 0.170 | 0.530 | 0.060 | 0.170 |
| RRQVS | 14 | 0.000 | 0.000 | -2.678 | 0.000 | 0.000 | -2.678 | -2.678 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| RRRGS | 14 | 0.000 | 0.000 | 0.740 | 0.000 | 0.000 | 0.740 | 0.740 | 360 | OP | 0.220 | 0.710 | 0.170 | 0.530 | 0.060 | 0.170 |
| RRRVS | 14 | 0.000 | 0.000 | -2.678 | 0.000 | 0.000 | -2.678 | -2.678 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| RRSVS | 14 | 0.000 | 0.000 | -2.678 | 0.000 | 0.000 | -2.678 | -2.678 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| RRDHC | 15 | 1.477 | 0.778 | 0.000 | -0.551 | -0.599 | 0.798 | 0.796 | 360 | OP | 0.100 | 0.310 | 0.080 | 0.250 | 0.020 | 0.060 |
| RRCGC | 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCHC | 15 | 1.204 | 0.505 | 0.000 | -0.797 | -0.842 | 0.526 | 0.524 | 360 | OP | 0.070 | 0.210 | 0.060 | 0.170 | 0.020 | 0.040 |
| RRMVC | 15 | 3.042 | 1.498 | 0.000 | -1.352 | -1.220 | 1.499 | 1.499 | 360 | OP | 1.640 | 5.390 | 1.250 | 4.070 | 0.470 | 1.490 |
| RRPGC | 15 | 1.512 | 0.813 | 0.000 | 0.907 | 0.763 | 1.164 | 1.090 | 360 | OP | 1.000 | 2.920 | 0.780 | 2.240 | 0.290 | 0.840 |

Report for file CNSRR

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RRPHC 15 | 1.767 | 1.068 | 0.000 | -0.290 | -0.339 | 1.087 | 1.085 | 360 | OP | 0.140 | 0.470 | 0.110 | 0.370 | 0.030 | 0.090 |
| RRPVC 15 | 1.477 | 0.778 | 0.000 | -2.760 | -2.646 | 0.778 | 0.778 | 360 | OP | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| RRQGC 15 | 1.860 | 1.161 | 0.000 | 1.220 | 1.076 | 1.493 | 1.422 | 360 | OP | 1.460 | 4.460 | 1.140 | 3.410 | 0.430 | 1.260 |
| RRQVC 15 | 1.860 | 1.161 | 0.000 | -2.416 | -2.302 | 1.161 | 1.161 | 360 | OP | 1.120 | 3.490 | 0.850 | 2.650 | 0.310 | 0.980 |
| RRRGC 15 | 2.793 | 1.029 | 0.000 | 2.060 | 1.929 | 2.099 | 1.980 | 360 | OP | 2.900 | 9.100 | 2.240 | 6.860 | 0.880 | 2.480 |
| RRRVC 15 | 1.699 | 1.000 | 0.000 | -2.561 | -2.447 | 1.000 | 1.000 | 360 | OP | 0.940 | 2.840 | 0.710 | 2.150 | 0.260 | 0.800 |

Report for file CNSRR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RRBGS | 3 | 0.67 | 2.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 1.38 |
| RRDHS | 3 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRCGS | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRCHS | 3 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRKGS | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRKHS | 3 | 0.13 | 0.41 | 0.00 | 0.00 | 0.08 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 |
| RRKVS | 3 | 0.03 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRMVS | 3 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRPGS | 3 | 0.12 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 |
| RRPHS | 3 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRPVS | 3 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRQGS | 3 | 0.18 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 |
| RRQVS | 3 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRRGS | 3 | 0.16 | 0.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.09 | 0.00 | 0.00 | 0.04 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 |
| RRRVS | 3 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRSVS | 3 | 0.03 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRDHC | 4 | 0.83 | 3.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.88 | 7.75 | 0.74 | 11.23 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRCGC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRCHC | 4 | 0.74 | 2.95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.74 | 11.23 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRMVC | 4 | 4.77 | 19.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 17.63 | 80.63 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 15.16 |
| RRPGC | 4 | 4.06 | 15.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 15.16 |
| RRPHC | 4 | 0.92 | 3.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.85 | 8.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.74 | 11.23 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRPVC | 4 | 3.86 | 14.86 | 0.00 | 0.00 | 0.00 | 0.00 | 18.34 | 92.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 15.16 |
| RRQGC | 4 | 4.28 | 16.53 | 0.00 | 0.00 | 0.00 | 0.00 | 18.34 | 92.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 15.16 |
| RRQVC | 4 | 4.21 | 16.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 15.16 |
| RRRGC | 4 | 3.70 | 14.00 | 0.00 | 0.00 | 0.00 | 0.00 | 18.34 | 92.17 | 0.00 | 0.00 | 17.63 | 80.63 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 15.16 |
| RRRVC | 4 | 3.55 | 13.43 | 0.00 | 0.00 | 0.00 | 0.00 | 18.34 | 92.17 | 0.00 | 0.00 | 17.63 | 80.63 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 15.16 |
| RRBGF | 5 | 2.19 | 9.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 4.51 |
| RRKGF | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRKHF | 5 | 0.59 | 2.26 | 0.00 | 0.00 | 2.07 | 18.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.88 | 7.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 1.38 |
| RRKVF | 5 | 1.96 | 8.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.19 | 24.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRSVF | 5 | 1.19 | 4.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.58 | 1.38 |
| RRBGS | 6 | 3.70 | 17.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 15.16 |
| RRDHC | 6 | 1.24 | 5.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.45 | 24.68 | 3.09 | 43.18 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRCGC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRCHC | 6 | 1.10 | 4.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.09 | 11.23 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRKGS | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSRR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RRKHS | 6 | 0.34 | 1.19 | 0.00 | 0.00 | 0.52 | 3.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.22 | 1.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.25 |
| RRKVS | 6 | 0.08 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRMVC | 6 | 6.88 | 29.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 55.67 | 423.03 | 0.00 | 0.00 | 0.00 | 0.00 | 10.20 | 122.79 |
| RRPGC | 6 | 7.02 | 27.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.20 | 122.79 |
| RRPHC | 6 | 1.37 | 6.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.42 | 26.56 | 0.00 | 0.00 | 0.00 | 0.00 | 3.09 | 43.18 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRPVC | 6 | 5.59 | 23.11 | 0.00 | 0.00 | 0.00 | 0.00 | 60.37 | 511.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.20 | 122.79 |
| RRQGC | 6 | 7.37 | 29.52 | 0.00 | 0.00 | 0.00 | 0.00 | 60.37 | 511.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.20 | 122.79 |
| RRQVC | 6 | 6.10 | 25.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.20 | 122.79 |
| RRRGC | 6 | 6.46 | 25.17 | 0.00 | 0.00 | 0.00 | 0.00 | 60.37 | 511.58 | 0.00 | 0.00 | 55.67 | 423.03 | 0.00 | 0.00 | 0.00 | 0.00 | 10.20 | 122.79 |
| RRRVC | 6 | 5.14 | 20.92 | 0.00 | 0.00 | 0.00 | 0.00 | 60.37 | 511.58 | 0.00 | 0.00 | 55.67 | 423.03 | 0.00 | 0.00 | 0.00 | 0.00 | 10.20 | 122.79 |
| RRSVS | 6 | 0.05 | 0.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRBGF | 7 | 4.45 | 21.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 122.79 |
| RRDHC | 7 | 1.71 | 7.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.45 | 24.68 | 3.09 | 43.18 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRCGC | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRCHC | 7 | 1.52 | 6.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.09 | 43.18 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRKGF | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRKHF | 7 | 1.21 | 5.20 | 0.00 | 0.00 | 8.09 | 59.10 | 0.00 | 0.00 | 0.00 | 0.00 | 3.45 | 24.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.58 | 4.51 |
| RRKVF | 7 | 3.97 | 19.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 17.10 | 76.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRMVC | 7 | 8.98 | 40.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 55.67 | 423.03 | 0.00 | 0.00 | 0.00 | 0.00 | 10.20 | 122.79 |
| RRPGC | 7 | 7.72 | 33.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.20 | 122.79 |
| RRPHC | 7 | 1.89 | 8.72 | 0.00 | 0.00 | 0.00 | 0.00 | 3.42 | 26.56 | 0.00 | 0.00 | 0.00 | 0.00 | 3.09 | 43.18 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRPVC | 7 | 7.29 | 31.70 | 0.00 | 0.00 | 0.00 | 0.00 | 60.37 | 511.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.20 | 122.79 |
| RRQGC | 7 | 8.11 | 35.06 | 0.00 | 0.00 | 0.00 | 0.00 | 60.37 | 511.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.20 | 122.79 |
| RRQVC | 7 | 7.96 | 35.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.20 | 122.79 |
| RRRGC | 7 | 7.07 | 29.79 | 0.00 | 0.00 | 0.00 | 0.00 | 60.37 | 511.58 | 0.00 | 0.00 | 55.67 | 423.03 | 0.00 | 0.00 | 0.00 | 0.00 | 10.20 | 122.79 |
| RRRVC | 7 | 6.71 | 28.74 | 0.00 | 0.00 | 0.00 | 0.00 | 60.37 | 511.58 | 0.00 | 0.00 | 55.67 | 423.03 | 0.00 | 0.00 | 0.00 | 0.00 | 10.20 | 122.79 |
| RRSVF | 7 | 2.42 | 11.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 15.16 |
| RRBGS | 11 | 0.67 | 2.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 1.38 |
| RRDHS | 11 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRCGS | 11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRCHS | 11 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRKGS | 11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRKHS | 11 | 0.13 | 0.41 | 0.00 | 0.00 | 0.08 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 |
| RRKVS | 11 | 0.03 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRMVS | 11 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRPGS | 11 | 0.12 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 |
| RRPHS | 11 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSRR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RRPVS 11 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRQGS 11 | 0.18 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 |
| RRQVS 11 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRRGS 11 | 0.16 | 0.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.09 | 0.00 | 0.00 | 0.04 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 |
| RRRVS 11 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRSVS 11 | 0.03 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRDHC 12 | 0.83 | 3.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.88 | 7.75 | 0.74 | 11.23 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRCGC 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRCHC 12 | 0.74 | 2.95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.74 | 11.23 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRMVC 12 | 4.77 | 19.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 17.63 | 80.63 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 15.16 |
| RRPGC 12 | 4.06 | 15.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 15.16 |
| RRPHC 12 | 0.92 | 3.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.85 | 8.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.74 | 11.23 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRPVC 12 | 3.86 | 14.86 | 0.00 | 0.00 | 0.00 | 0.00 | 18.34 | 92.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 15.16 |
| RRQGC 12 | 4.28 | 16.53 | 0.00 | 0.00 | 0.00 | 0.00 | 18.34 | 92.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 15.16 |
| RRQVC 12 | 4.21 | 16.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 15.16 |
| RRRGC 12 | 3.70 | 14.00 | 0.00 | 0.00 | 0.00 | 0.00 | 18.34 | 92.17 | 0.00 | 0.00 | 17.63 | 80.63 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 15.16 |
| RRRVC 12 | 3.55 | 13.43 | 0.00 | 0.00 | 0.00 | 0.00 | 18.34 | 92.17 | 0.00 | 0.00 | 17.63 | 80.63 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 15.16 |
| RRBGF 13 | 2.19 | 9.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 4.51 |
| RRKGF 13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRKHF 13 | 0.59 | 2.26 | 0.00 | 0.00 | 2.07 | 18.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.88 | 7.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 1.38 |
| RRKVF 13 | 1.96 | 8.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.19 | 24.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRSVF 13 | 1.19 | 4.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.58 | 1.38 |
| RRBGS 14 | 0.22 | 0.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.06 |
| RRDHS 14 | 0.02 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRCGS 14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRCHS 14 | 0.02 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRKGS 14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRKHS 14 | 0.02 | 0.04 | 0.00 | 0.00 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRKVS 14 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRMVS 14 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRPGS 14 | 0.22 | 0.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.06 |
| RRPHS 14 | 0.02 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRPVS 14 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRQGS 14 | 0.22 | 0.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 0.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.06 |
| RRQVS 14 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRRGS 14 | 0.22 | 0.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 0.37 | 0.00 | 0.00 | 0.22 | 0.39 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.06 |
| RRRVS 14 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSRR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RRSVS 14 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRDHC 15 | 0.10 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.10 | 0.01 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRCGC 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRCHC 15 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRMVC 15 | 1.64 | 5.39 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.45 | 24.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.58 | 4.51 |
| RRPGC 15 | 1.00 | 2.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 1.38 |
| RRPHC 15 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRPVC 15 | 0.72 | 2.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.85 | 8.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 1.38 |
| RRQGC 15 | 1.46 | 4.46 | 0.00 | 0.00 | 0.00 | 0.00 | 3.42 | 8.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.58 | 1.38 |
| RRQVC 15 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.58 | 1.38 |
| RRRGC 15 | 2.90 | 9.10 | 0.00 | 0.00 | 0.00 | 0.00 | 18.34 | 26.56 | 0.00 | 0.00 | 17.63 | 24.68 | 0.00 | 0.00 | 0.00 | 0.00 | 3.12 | 4.51 |
| RRRVC 15 | 0.94 | 2.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.85 | 8.04 | 0.00 | 0.00 | 0.88 | 7.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 1.38 |

Report for file CNSRR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RRBGS | 3 | 0.67 | 2.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 20.79 | 176.95 |
| RRDHS | 3 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.44 | 0.44 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRCGS | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRCHS | 3 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRKGS | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRKHS | 3 | 0.13 | 0.41 | 0.00 | 0.00 | 0.97 | 121.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.44 | 121.36 | 0.00 | 0.00 | 0.00 | 0.00 | 5.05 | 15.16 |
| RRKVS | 3 | 0.03 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 117.64 | 117.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRMVS | 3 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.44 | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| RRPGS | 3 | 0.12 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.05 | 15.16 |
| RRPHS | 3 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRPVS | 3 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| RRQGS | 3 | 0.18 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 121.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.05 | 15.16 |
| RRQVS | 3 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| RRRGS | 3 | 0.16 | 0.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 121.36 | 0.00 | 0.00 | 0.44 | 121.36 | 0.00 | 0.00 | 0.00 | 0.00 | 5.05 | 15.16 |
| RRRVS | 3 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.44 | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| RRSVS | 3 | 0.03 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| RRDHC | 4 | 0.83 | 3.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 413.51 | 708.84 | 101.02 | 893.50 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRCGC | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRCHC | 4 | 0.74 | 2.95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 101.02 | 893.50 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRMVC | 4 | 4.77 | 19.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 896.96 | 1695.08 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 1007.95 |
| RRPGC | 4 | 4.06 | 15.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 1007.95 |
| RRPHC | 4 | 0.92 | 3.80 | 0.00 | 0.00 | 0.00 | 0.00 | 413.51 | 708.84 | 0.00 | 0.00 | 0.00 | 0.00 | 101.02 | 893.50 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRPVC | 4 | 3.86 | 14.86 | 0.00 | 0.00 | 0.00 | 0.00 | 896.96 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 1007.95 |
| RRQGC | 4 | 4.28 | 16.53 | 0.00 | 0.00 | 0.00 | 0.00 | 896.96 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 1007.95 |
| RRQVC | 4 | 4.21 | 16.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 1007.95 |
| RRRGC | 4 | 3.70 | 14.00 | 0.00 | 0.00 | 0.00 | 0.00 | 896.96 | 1801.11 | 0.00 | 0.00 | 896.96 | 1695.08 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 1007.95 |
| RRRVC | 4 | 3.55 | 13.43 | 0.00 | 0.00 | 0.00 | 0.00 | 896.96 | 1801.11 | 0.00 | 0.00 | 896.96 | 1695.08 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 1007.95 |
| RRBGF | 5 | 2.19 | 9.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 436.03 |
| RRKGF | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRKHF | 5 | 0.59 | 2.26 | 0.00 | 0.00 | 413.51 | 3440.65 | 0.00 | 0.00 | 0.00 | 0.00 | 413.51 | 708.84 | 0.00 | 0.00 | 0.00 | 0.00 | 20.79 | 176.95 |
| RRKVF | 5 | 1.96 | 8.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1372.61 | 2079.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRSVF | 5 | 1.19 | 4.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 53.55 | 176.95 |
| RRBGS | 6 | 3.70 | 17.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 1007.95 |
| RRDHC | 6 | 1.24 | 5.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 433.31 | 893.21 | 306.46 | 2272.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRCGC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRCHC | 6 | 1.10 | 4.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 306.46 | 893.50 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRKGS | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSRR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RRKHS | 6 | 0.34 | 1.19 | 0.00 | 0.00 | 121.36 | 697.56 | 0.00 | 0.00 | 0.00 | 0.00 | 121.36 | 431.05 | 0.00 | 0.00 | 0.00 | 0.00 | 15.16 | 36.32 |
| RRKVS | 6 | 0.08 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 117.64 | 352.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRMVC | 6 | 6.88 | 29.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1668.98 | 5359.40 | 0.00 | 0.00 | 0.00 | 0.00 | 832.44 | 2524.63 |
| RRPGC | 6 | 7.02 | 27.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 832.44 | 2524.63 |
| RRPHC | 6 | 1.37 | 6.00 | 0.00 | 0.00 | 0.00 | 0.00 | 433.31 | 893.21 | 0.00 | 0.00 | 0.00 | 0.00 | 306.46 | 2272.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRPVC | 6 | 5.59 | 23.11 | 0.00 | 0.00 | 0.00 | 0.00 | 1668.98 | 6570.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 832.44 | 2524.63 |
| RRQGC | 6 | 7.37 | 29.52 | 0.00 | 0.00 | 0.00 | 0.00 | 1668.98 | 6570.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 832.44 | 2524.63 |
| RRQVC | 6 | 6.10 | 25.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 832.44 | 2524.63 |
| RRRGC | 6 | 6.46 | 25.17 | 0.00 | 0.00 | 0.00 | 0.00 | 1668.98 | 6570.40 | 0.00 | 0.00 | 1668.98 | 5359.40 | 0.00 | 0.00 | 0.00 | 0.00 | 832.44 | 2524.63 |
| RRRVC | 6 | 5.14 | 20.92 | 0.00 | 0.00 | 0.00 | 0.00 | 1668.98 | 6570.40 | 0.00 | 0.00 | 1668.98 | 5359.40 | 0.00 | 0.00 | 0.00 | 0.00 | 832.44 | 2524.63 |
| RRSVS | 6 | 0.05 | 0.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 5.05 |
| RRBGF | 7 | 4.45 | 21.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 2524.63 |
| RRDHC | 7 | 1.71 | 7.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 433.31 | 893.21 | 306.46 | 2272.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRCGC | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRCHC | 7 | 1.52 | 6.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 306.46 | 2272.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRKGF | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRKHF | 7 | 1.21 | 5.20 | 0.00 | 0.00 | 801.10 | 7645.14 | 0.00 | 0.00 | 0.00 | 0.00 | 433.31 | 893.21 | 0.00 | 0.00 | 0.00 | 0.00 | 53.55 | 436.03 |
| RRKVF | 7 | 3.97 | 19.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1856.88 | 2988.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRMVC | 7 | 8.98 | 40.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1668.98 | 5359.40 | 0.00 | 0.00 | 0.00 | 0.00 | 832.44 | 2524.63 |
| RRPGC | 7 | 7.72 | 33.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 832.44 | 2524.63 |
| RRPHC | 7 | 1.89 | 8.72 | 0.00 | 0.00 | 0.00 | 0.00 | 433.31 | 893.21 | 0.00 | 0.00 | 0.00 | 0.00 | 306.46 | 2272.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRPVC | 7 | 7.29 | 31.70 | 0.00 | 0.00 | 0.00 | 0.00 | 1668.98 | 6570.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 832.44 | 2524.63 |
| RRQGC | 7 | 8.11 | 35.06 | 0.00 | 0.00 | 0.00 | 0.00 | 1668.98 | 6570.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 832.44 | 2524.63 |
| RRQVC | 7 | 7.96 | 35.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 832.44 | 2524.63 |
| RRRGC | 7 | 7.07 | 29.79 | 0.00 | 0.00 | 0.00 | 0.00 | 1668.98 | 6570.40 | 0.00 | 0.00 | 1668.98 | 5359.40 | 0.00 | 0.00 | 0.00 | 0.00 | 832.44 | 2524.63 |
| RRRVC | 7 | 6.71 | 28.74 | 0.00 | 0.00 | 0.00 | 0.00 | 1668.98 | 6570.40 | 0.00 | 0.00 | 1668.98 | 5359.40 | 0.00 | 0.00 | 0.00 | 0.00 | 832.44 | 2524.63 |
| RRSVF | 7 | 2.42 | 11.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 1007.95 |
| RRBGS | 11 | 0.67 | 2.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 20.79 | 176.95 |
| RRDHS | 11 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.44 | 0.44 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRCGS | 11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRCHS | 11 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRKGS | 11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRKHS | 11 | 0.13 | 0.41 | 0.00 | 0.00 | 0.97 | 121.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.44 | 121.36 | 0.00 | 0.00 | 0.00 | 0.00 | 5.05 | 15.16 |
| RRKVS | 11 | 0.03 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 117.64 | 117.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRMVS | 11 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.44 | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| RRPGS | 11 | 0.12 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.05 | 15.16 |
| RRPHS | 11 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSRR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RRPVS 11 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| RRQGS 11 | 0.18 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 121.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.05 | 15.16 |
| RRQVS 11 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| RRRGS 11 | 0.16 | 0.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 121.36 | 0.00 | 0.00 | 0.44 | 121.36 | 0.00 | 0.00 | 0.00 | 0.00 | 5.05 | 15.16 |
| RRRVS 11 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.44 | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| RRSVS 11 | 0.03 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| RRDHC 12 | 0.83 | 3.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 413.51 | 708.84 | 101.02 | 893.50 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRCGC 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRCHC 12 | 0.74 | 2.95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 101.02 | 893.50 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRMVC 12 | 4.77 | 19.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 896.96 | 1695.08 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 1007.95 |
| RRPGC 12 | 4.06 | 15.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 1007.95 |
| RRPHC 12 | 0.92 | 3.80 | 0.00 | 0.00 | 0.00 | 0.00 | 413.51 | 708.84 | 0.00 | 0.00 | 0.00 | 0.00 | 101.02 | 893.50 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRPVC 12 | 3.86 | 14.86 | 0.00 | 0.00 | 0.00 | 0.00 | 896.96 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 1007.95 |
| RRQGC 12 | 4.28 | 16.53 | 0.00 | 0.00 | 0.00 | 0.00 | 896.96 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 1007.95 |
| RRQVC 12 | 4.21 | 16.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 1007.95 |
| RRRGC 12 | 3.70 | 14.00 | 0.00 | 0.00 | 0.00 | 0.00 | 896.96 | 1801.11 | 0.00 | 0.00 | 896.96 | 1695.08 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 1007.95 |
| RRRVC 12 | 3.55 | 13.43 | 0.00 | 0.00 | 0.00 | 0.00 | 896.96 | 1801.11 | 0.00 | 0.00 | 896.96 | 1695.08 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 1007.95 |
| RRBGF 13 | 2.19 | 9.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 436.03 |
| RRKGF 13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRKHF 13 | 0.59 | 2.26 | 0.00 | 0.00 | 413.51 | 3440.65 | 0.00 | 0.00 | 0.00 | 0.00 | 413.51 | 708.84 | 0.00 | 0.00 | 0.00 | 0.00 | 20.79 | 176.95 |
| RRKVF 13 | 1.96 | 8.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1372.61 | 2079.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRSVF 13 | 1.19 | 4.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 53.55 | 176.95 |
| RRBGS 14 | 0.22 | 0.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 15.16 | 20.79 |
| RRDHS 14 | 0.02 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.44 | 0.44 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRCGS 14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRCHS 14 | 0.02 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRKGS 14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRKHS 14 | 0.02 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.44 | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| RRKVS 14 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 117.64 | 117.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRMVS 14 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.44 | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| RRPGS 14 | 0.22 | 0.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 15.16 | 20.79 |
| RRPHS 14 | 0.02 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRPVS 14 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| RRQGS 14 | 0.22 | 0.71 | 0.00 | 0.00 | 0.00 | 0.00 | 121.36 | 413.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 15.16 | 20.79 |
| RRQVS 14 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| RRRGS 14 | 0.22 | 0.71 | 0.00 | 0.00 | 0.00 | 0.00 | 121.36 | 413.51 | 0.00 | 0.00 | 121.36 | 413.51 | 0.00 | 0.00 | 0.00 | 0.00 | 15.16 | 20.79 |
| RRRVS 14 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.44 | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |

Report for file CNSRR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RRSVS 14 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| RRDHC 15 | 0.10 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.44 | 121.36 | 0.01 | 27.33 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRCGC 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRCHC 15 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 27.33 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRMVC 15 | 1.64 | 5.39 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 433.31 | 893.21 | 0.00 | 0.00 | 0.00 | 0.00 | 53.55 | 436.03 |
| RRPGC 15 | 1.00 | 2.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 20.79 | 176.95 |
| RRPHC 15 | 0.14 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 121.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 27.33 | 0.00 | 0.00 | 0.00 | 0.00 |
| RRPVC 15 | 0.72 | 2.14 | 0.00 | 0.00 | 0.00 | 0.00 | 413.51 | 708.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 20.79 | 176.95 |
| RRQGC 15 | 1.46 | 4.46 | 0.00 | 0.00 | 0.00 | 0.00 | 433.31 | 708.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 53.55 | 176.95 |
| RRQVC 15 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 53.55 | 176.95 |
| RRRGC 15 | 2.90 | 9.10 | 0.00 | 0.00 | 0.00 | 0.00 | 896.96 | 893.21 | 0.00 | 0.00 | 896.96 | 893.21 | 0.00 | 0.00 | 0.00 | 0.00 | 340.15 | 436.03 |
| RRRVC 15 | 0.94 | 2.84 | 0.00 | 0.00 | 0.00 | 0.00 | 413.51 | 708.84 | 0.00 | 0.00 | 413.51 | 708.84 | 0.00 | 0.00 | 0.00 | 0.00 | 20.79 | 176.95 |

Report for file CNSRR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RRBGS | 3 | 0.670 | 0.040 | 0.720 | 0.470 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRDHS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCGS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCHS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKGS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKHS | 3 | 0.130 | 0.000 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKVS | 3 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRMVS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPGS | 3 | 0.120 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPHS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPVS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRQGS | 3 | 0.180 | 0.000 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRQVS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRRGS | 3 | 0.160 | 0.000 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRRVS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRSVS | 3 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRDHC | 4 | 0.830 | 0.060 | 0.750 | 0.510 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCGC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCHC | 4 | 0.740 | 0.050 | 0.720 | 0.480 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRMVC | 4 | 4.770 | 1.650 | 0.970 | 0.930 | 0.830 | 0.660 | 0.380 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPGC | 4 | 4.060 | 1.220 | 0.960 | 0.920 | 0.800 | 0.600 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPHC | 4 | 0.920 | 0.070 | 0.780 | 0.560 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPVC | 4 | 3.860 | 1.100 | 0.960 | 0.910 | 0.790 | 0.570 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRQGC | 4 | 4.280 | 1.340 | 0.960 | 0.920 | 0.810 | 0.620 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRQVC | 4 | 4.210 | 1.300 | 0.960 | 0.920 | 0.800 | 0.610 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRRGC | 4 | 3.700 | 1.020 | 0.960 | 0.910 | 0.780 | 0.560 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRRVC | 4 | 3.550 | 0.940 | 0.950 | 0.910 | 0.770 | 0.530 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRBGF | 5 | 2.190 | 0.380 | 0.920 | 0.840 | 0.600 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKGF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKHF | 5 | 0.590 | 0.030 | 0.640 | 0.410 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKVF | 5 | 1.960 | 0.310 | 0.910 | 0.820 | 0.540 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRSVF | 5 | 1.190 | 0.120 | 0.840 | 0.690 | 0.350 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRBGS | 6 | 3.700 | 1.020 | 0.950 | 0.910 | 0.770 | 0.540 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRDHC | 6 | 1.240 | 0.130 | 0.840 | 0.680 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCGC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCHC | 6 | 1.100 | 0.100 | 0.820 | 0.630 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKGS | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKHS | 6 | 0.340 | 0.010 | 0.450 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSRR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RRKVS | 6 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRMVC | 6 | 6.880 | 3.310 | 0.980 | 0.950 | 0.880 | 0.770 | 0.540 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPGC | 6 | 7.020 | 3.440 | 0.980 | 0.960 | 0.890 | 0.780 | 0.550 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPHC | 6 | 1.370 | 0.150 | 0.850 | 0.710 | 0.400 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPVC | 6 | 5.590 | 2.230 | 0.970 | 0.940 | 0.860 | 0.710 | 0.450 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRQGC | 6 | 7.370 | 3.770 | 0.980 | 0.960 | 0.890 | 0.790 | 0.570 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRQVC | 6 | 6.100 | 2.630 | 0.970 | 0.950 | 0.870 | 0.740 | 0.480 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRRGC | 6 | 6.460 | 2.930 | 0.980 | 0.950 | 0.880 | 0.750 | 0.510 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRRVC | 6 | 5.140 | 1.900 | 0.970 | 0.940 | 0.840 | 0.680 | 0.410 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRSVS | 6 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRBGF | 7 | 4.450 | 1.450 | 0.960 | 0.920 | 0.810 | 0.620 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRDHC | 7 | 1.710 | 0.230 | 0.880 | 0.770 | 0.460 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCGC | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCHC | 7 | 1.520 | 0.190 | 0.870 | 0.740 | 0.430 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKGF | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKHF | 7 | 1.210 | 0.120 | 0.830 | 0.670 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKVF | 7 | 3.970 | 1.160 | 0.960 | 0.910 | 0.780 | 0.550 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRMVC | 7 | 8.980 | 5.490 | 0.980 | 0.970 | 0.910 | 0.830 | 0.650 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPGC | 7 | 7.720 | 4.120 | 0.980 | 0.960 | 0.900 | 0.800 | 0.590 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPHC | 7 | 1.890 | 0.280 | 0.900 | 0.790 | 0.490 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPVC | 7 | 7.290 | 3.700 | 0.980 | 0.960 | 0.890 | 0.780 | 0.560 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRQGC | 7 | 8.110 | 4.530 | 0.980 | 0.960 | 0.900 | 0.810 | 0.620 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRQVC | 7 | 7.960 | 4.360 | 0.980 | 0.960 | 0.900 | 0.800 | 0.600 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRRGC | 7 | 7.070 | 3.490 | 0.980 | 0.960 | 0.890 | 0.780 | 0.550 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRRVC | 7 | 6.710 | 3.160 | 0.980 | 0.950 | 0.880 | 0.760 | 0.520 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRSVF | 7 | 2.420 | 0.450 | 0.930 | 0.850 | 0.630 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRBGS | 11 | 0.670 | 0.040 | 0.720 | 0.470 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRDHS | 11 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCGS | 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCHS | 11 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKGS | 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKHS | 11 | 0.130 | 0.000 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKVS | 11 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRMVS | 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPGS | 11 | 0.120 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPHS | 11 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPVS | 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRQGS | 11 | 0.180 | 0.000 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSRR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RRQVS | 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRRGS | 11 | 0.160 | 0.000 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRRVS | 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRSVS | 11 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRDHC | 12 | 0.830 | 0.060 | 0.750 | 0.510 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCGC | 12 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCHC | 12 | 0.740 | 0.050 | 0.720 | 0.480 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRMVC | 12 | 4.770 | 1.650 | 0.970 | 0.930 | 0.830 | 0.660 | 0.380 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPGC | 12 | 4.060 | 1.220 | 0.960 | 0.920 | 0.800 | 0.600 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPHC | 12 | 0.920 | 0.070 | 0.780 | 0.560 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPVC | 12 | 3.860 | 1.100 | 0.960 | 0.910 | 0.790 | 0.570 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRQGC | 12 | 4.280 | 1.340 | 0.960 | 0.920 | 0.810 | 0.620 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRQVC | 12 | 4.210 | 1.300 | 0.960 | 0.920 | 0.800 | 0.610 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRRGC | 12 | 3.700 | 1.020 | 0.960 | 0.910 | 0.780 | 0.560 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRRVC | 12 | 3.550 | 0.940 | 0.950 | 0.910 | 0.770 | 0.530 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRBGF | 13 | 2.190 | 0.380 | 0.920 | 0.840 | 0.600 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKGF | 13 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKHF | 13 | 0.590 | 0.030 | 0.640 | 0.410 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKVF | 13 | 1.960 | 0.310 | 0.910 | 0.820 | 0.540 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRSVF | 13 | 1.190 | 0.120 | 0.840 | 0.690 | 0.350 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRBGS | 14 | 0.220 | 0.000 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRDHS | 14 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCGS | 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCHS | 14 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKGS | 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKHS | 14 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKVS | 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRMVS | 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPGS | 14 | 0.220 | 0.000 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPHS | 14 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPVS | 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRQGS | 14 | 0.220 | 0.000 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRQVS | 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRRGS | 14 | 0.220 | 0.000 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRRVS | 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRSVS | 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRDHC | 15 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCGC | 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSRR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RRCHC 15 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRMVC 15 | 1.640 | 0.220 | 0.890 | 0.790 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPGC 15 | 1.000 | 0.080 | 0.830 | 0.660 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPHC 15 | 0.140 | 0.000 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPVC 15 | 0.720 | 0.050 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRQGC 15 | 1.460 | 0.170 | 0.880 | 0.770 | 0.450 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRQVC 15 | 1.120 | 0.110 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRRGC 15 | 2.900 | 0.640 | 0.940 | 0.890 | 0.720 | 0.460 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRRVC 15 | 0.940 | 0.070 | 0.810 | 0.610 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSRR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RRBGS | 3 | 2.150 | 0.210 | 0.900 | 0.800 | 0.500 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRDHS | 3 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCGS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCHS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKGS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKHS | 3 | 0.410 | 0.010 | 0.460 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKVS | 3 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRMVS | 3 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPGS | 3 | 0.310 | 0.010 | 0.420 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPHS | 3 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPVS | 3 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRQGS | 3 | 0.470 | 0.010 | 0.570 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRQVS | 3 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRRGS | 3 | 0.400 | 0.010 | 0.500 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRRVS | 3 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRSVS | 3 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRDHC | 4 | 3.370 | 0.470 | 0.920 | 0.850 | 0.620 | 0.410 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCGC | 4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCHC | 4 | 2.950 | 0.370 | 0.910 | 0.830 | 0.570 | 0.380 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRMVC | 4 | 19.110 | 10.710 | 0.990 | 0.980 | 0.950 | 0.900 | 0.790 | 0.490 | 0.230 | 0.000 | 0.000 | 0.000 |
| RRPGC | 4 | 15.580 | 7.410 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.440 | 0.120 | 0.000 | 0.000 | 0.000 |
| RRPHC | 4 | 3.800 | 0.580 | 0.930 | 0.870 | 0.670 | 0.440 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPVC | 4 | 14.860 | 6.810 | 0.990 | 0.970 | 0.930 | 0.870 | 0.740 | 0.420 | 0.080 | 0.000 | 0.000 | 0.000 |
| RRQGC | 4 | 16.530 | 8.250 | 0.990 | 0.980 | 0.940 | 0.890 | 0.770 | 0.460 | 0.150 | 0.000 | 0.000 | 0.000 |
| RRQVC | 4 | 16.500 | 8.220 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.450 | 0.150 | 0.000 | 0.000 | 0.000 |
| RRRGC | 4 | 14.000 | 6.110 | 0.990 | 0.970 | 0.930 | 0.870 | 0.730 | 0.410 | 0.040 | 0.000 | 0.000 | 0.000 |
| RRRVC | 4 | 13.430 | 5.680 | 0.990 | 0.970 | 0.930 | 0.860 | 0.710 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 |
| RRBGF | 5 | 9.680 | 3.150 | 0.980 | 0.960 | 0.890 | 0.780 | 0.550 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKGF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKHF | 5 | 2.260 | 0.230 | 0.890 | 0.770 | 0.480 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKVF | 5 | 8.650 | 2.570 | 0.980 | 0.950 | 0.880 | 0.750 | 0.500 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRSVF | 5 | 4.810 | 0.890 | 0.960 | 0.910 | 0.780 | 0.560 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRBGS | 6 | 17.510 | 9.150 | 0.990 | 0.970 | 0.930 | 0.860 | 0.730 | 0.430 | 0.160 | 0.000 | 0.000 | 0.000 |
| RRDHC | 6 | 5.330 | 1.070 | 0.950 | 0.910 | 0.760 | 0.530 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCGC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCHC | 6 | 4.660 | 0.850 | 0.950 | 0.890 | 0.730 | 0.490 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKGS | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKHS | 6 | 1.190 | 0.070 | 0.780 | 0.570 | 0.310 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSRR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RRKVS | 6 | 0.300 | 0.010 | 0.400 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRMVC | 6 | 29.600 | 23.540 | 0.990 | 0.990 | 0.970 | 0.930 | 0.860 | 0.660 | 0.410 | 0.070 | 0.000 | 0.000 |
| RRPGC | 6 | 27.860 | 21.110 | 0.990 | 0.990 | 0.970 | 0.930 | 0.860 | 0.650 | 0.400 | 0.030 | 0.000 | 0.000 |
| RRPHC | 6 | 6.000 | 1.330 | 0.960 | 0.920 | 0.790 | 0.580 | 0.380 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPVC | 6 | 23.110 | 15.080 | 0.990 | 0.980 | 0.960 | 0.910 | 0.830 | 0.570 | 0.320 | 0.010 | 0.000 | 0.000 |
| RRQGC | 6 | 29.520 | 23.430 | 0.990 | 0.990 | 0.970 | 0.930 | 0.870 | 0.670 | 0.420 | 0.070 | 0.000 | 0.000 |
| RRQVC | 6 | 25.650 | 18.180 | 0.990 | 0.980 | 0.960 | 0.920 | 0.840 | 0.610 | 0.360 | 0.010 | 0.000 | 0.000 |
| RRRGC | 6 | 25.170 | 17.590 | 0.990 | 0.980 | 0.960 | 0.920 | 0.850 | 0.610 | 0.360 | 0.010 | 0.000 | 0.000 |
| RRRVC | 6 | 20.920 | 12.600 | 0.990 | 0.980 | 0.950 | 0.910 | 0.810 | 0.530 | 0.270 | 0.000 | 0.000 | 0.000 |
| RRSVS | 6 | 0.180 | 0.000 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRBGF | 7 | 21.450 | 13.190 | 0.990 | 0.980 | 0.950 | 0.900 | 0.800 | 0.500 | 0.270 | 0.000 | 0.000 | 0.000 |
| RRDHC | 7 | 7.740 | 2.110 | 0.970 | 0.940 | 0.840 | 0.680 | 0.450 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCGC | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCHC | 7 | 6.780 | 1.660 | 0.960 | 0.930 | 0.820 | 0.630 | 0.420 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKGF | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKHF | 7 | 5.200 | 1.030 | 0.950 | 0.900 | 0.760 | 0.520 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKVF | 7 | 19.570 | 11.170 | 0.990 | 0.980 | 0.940 | 0.890 | 0.780 | 0.470 | 0.220 | 0.000 | 0.000 | 0.000 |
| RRMVC | 7 | 40.450 | 41.290 | 0.990 | 0.990 | 0.970 | 0.950 | 0.900 | 0.750 | 0.500 | 0.250 | 0.000 | 0.000 |
| RRPGC | 7 | 33.050 | 28.710 | 0.990 | 0.990 | 0.970 | 0.940 | 0.880 | 0.700 | 0.450 | 0.150 | 0.000 | 0.000 |
| RRPHC | 7 | 8.720 | 2.610 | 0.970 | 0.940 | 0.860 | 0.710 | 0.470 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPVC | 7 | 31.700 | 26.630 | 0.990 | 0.990 | 0.970 | 0.940 | 0.870 | 0.680 | 0.430 | 0.110 | 0.000 | 0.000 |
| RRQGC | 7 | 35.060 | 31.930 | 0.990 | 0.990 | 0.970 | 0.940 | 0.890 | 0.720 | 0.470 | 0.180 | 0.000 | 0.000 |
| RRQVC | 7 | 35.130 | 32.030 | 0.990 | 0.990 | 0.970 | 0.940 | 0.880 | 0.710 | 0.460 | 0.180 | 0.000 | 0.000 |
| RRRGC | 7 | 29.790 | 23.810 | 0.990 | 0.990 | 0.970 | 0.930 | 0.870 | 0.670 | 0.420 | 0.080 | 0.000 | 0.000 |
| RRRVC | 7 | 28.740 | 22.320 | 0.990 | 0.990 | 0.960 | 0.930 | 0.860 | 0.650 | 0.400 | 0.050 | 0.000 | 0.000 |
| RRSVF | 7 | 11.040 | 3.990 | 0.980 | 0.960 | 0.900 | 0.800 | 0.610 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRBGS | 11 | 2.150 | 0.210 | 0.900 | 0.800 | 0.500 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRDHS | 11 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCGS | 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCHS | 11 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKGS | 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKHS | 11 | 0.410 | 0.010 | 0.460 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKVS | 11 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRMVS | 11 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPGS | 11 | 0.310 | 0.010 | 0.420 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPHS | 11 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPVS | 11 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRQGS | 11 | 0.470 | 0.010 | 0.570 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSRR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RRQVS 11 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRRGS 11 | 0.400 | 0.010 | 0.500 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRRVS 11 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRSVS 11 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRDHC 12 | 3.370 | 0.470 | 0.920 | 0.850 | 0.620 | 0.410 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCGC 12 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCHC 12 | 2.950 | 0.370 | 0.910 | 0.830 | 0.570 | 0.380 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRMVC 12 | 19.110 | 10.710 | 0.990 | 0.980 | 0.950 | 0.900 | 0.790 | 0.490 | 0.230 | 0.000 | 0.000 | 0.000 |
| RRPGC 12 | 15.580 | 7.410 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.440 | 0.120 | 0.000 | 0.000 | 0.000 |
| RRPHC 12 | 3.800 | 0.580 | 0.930 | 0.870 | 0.670 | 0.440 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPVC 12 | 14.860 | 6.810 | 0.990 | 0.970 | 0.930 | 0.870 | 0.740 | 0.420 | 0.080 | 0.000 | 0.000 | 0.000 |
| RRQGC 12 | 16.530 | 8.250 | 0.990 | 0.980 | 0.940 | 0.890 | 0.770 | 0.460 | 0.150 | 0.000 | 0.000 | 0.000 |
| RRQVC 12 | 16.500 | 8.220 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.450 | 0.150 | 0.000 | 0.000 | 0.000 |
| RRRGC 12 | 14.000 | 6.110 | 0.990 | 0.970 | 0.930 | 0.870 | 0.730 | 0.410 | 0.040 | 0.000 | 0.000 | 0.000 |
| RRRVC 12 | 13.430 | 5.680 | 0.990 | 0.970 | 0.930 | 0.860 | 0.710 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 |
| RRBGF 13 | 9.680 | 3.150 | 0.980 | 0.960 | 0.890 | 0.780 | 0.550 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKGF 13 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKHF 13 | 2.260 | 0.230 | 0.890 | 0.770 | 0.480 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKVF 13 | 8.650 | 2.570 | 0.980 | 0.950 | 0.880 | 0.750 | 0.500 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRSVF 13 | 4.810 | 0.890 | 0.960 | 0.910 | 0.780 | 0.560 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRBGS 14 | 0.710 | 0.030 | 0.710 | 0.460 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRDHS 14 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCGS 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCHS 14 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKGS 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKHS 14 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRKVS 14 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRMVS 14 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPGS 14 | 0.710 | 0.030 | 0.710 | 0.460 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPHS 14 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPVS 14 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRQGS 14 | 0.710 | 0.030 | 0.710 | 0.460 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRQVS 14 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRRGS 14 | 0.710 | 0.030 | 0.710 | 0.460 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRRVS 14 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRSVS 14 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRDHC 15 | 0.310 | 0.010 | 0.400 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRCGC 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSRR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RRCHC 15 | 0.210 | 0.000 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRMVC 15 | 5.390 | 1.100 | 0.970 | 0.930 | 0.830 | 0.660 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPGC 15 | 2.920 | 0.360 | 0.940 | 0.880 | 0.700 | 0.440 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPHC 15 | 0.470 | 0.010 | 0.480 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRPVC 15 | 2.140 | 0.210 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRQGC 15 | 4.460 | 0.780 | 0.960 | 0.920 | 0.800 | 0.600 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRQVC 15 | 3.490 | 0.500 | 0.950 | 0.900 | 0.750 | 0.490 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRRGC 15 | 9.100 | 2.820 | 0.980 | 0.960 | 0.900 | 0.800 | 0.600 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 |
| RRRVC 15 | 2.840 | 0.350 | 0.940 | 0.880 | 0.690 | 0.430 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

# ACTIVITY CODE: SA

# SHORT-TERM STORAGE DUE TO AIR MODE (C5)

Report for file CNSSA

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAKHS | 1 | 4.637 | 0.000 | 0.000 | 2.323 | 2.295 | 2.323 | 2.295 | 60 | ON | 0.660 | 2.480 | 0.530 | 1.890 | 0.160 | 0.490 |
| SAPHC | 1 | 4.169 | 3.500 | 0.000 | 1.902 | 1.874 | 3.511 | 3.510 | 60 | ON | 2.690 | 13.260 | 2.190 | 9.880 | 0.700 | 2.690 |
| SAPVC | 1 | 3.879 | 3.210 | 0.000 | -0.569 | -0.435 | 3.210 | 3.210 | 60 | ON | 10.210 | 47.010 | 7.730 | 34.460 | 3.280 | 11.510 |
| SAQGC | 1 | 3.961 | 3.292 | 0.000 | 3.142 | 3.018 | 3.524 | 3.477 | 60 | ON | 13.060 | 58.690 | 9.990 | 43.420 | 4.370 | 14.860 |
| SARGC | 1 | 3.829 | 3.160 | 0.000 | 3.023 | 2.899 | 3.398 | 3.350 | 60 | ON | 11.520 | 50.330 | 8.800 | 37.210 | 3.800 | 12.740 |
| SARVC | 1 | 3.799 | 3.130 | 0.000 | -0.641 | -0.507 | 3.130 | 3.130 | 60 | ON | 9.400 | 42.660 | 7.120 | 31.280 | 3.000 | 10.460 |
| SAKHF | 2 | 0.000 | 0.000 | 3.407 | 0.000 | 0.000 | 3.407 | 3.407 | 60 | ON | 2.380 | 11.490 | 1.940 | 8.570 | 0.610 | 2.320 |
| SAPHC | 2 | 0.000 | 3.721 | 2.898 | 0.000 | 0.000 | 3.782 | 3.782 | 20 | ON | 3.680 | 19.350 | 2.990 | 14.410 | 0.970 | 3.950 |
| SAPVC | 2 | 0.000 | 3.431 | 2.306 | 0.000 | 0.000 | 3.462 | 3.462 | 20 | ON | 13.290 | 63.580 | 10.000 | 46.640 | 4.320 | 15.600 |
| SAQGC | 2 | 0.000 | 3.514 | 2.991 | 0.000 | 0.000 | 3.628 | 3.628 | 20 | ON | 14.460 | 70.260 | 11.080 | 52.070 | 4.890 | 17.860 |
| SARGC | 2 | 0.000 | 3.382 | 2.859 | 0.000 | 0.000 | 3.496 | 3.496 | 20 | ON | 12.700 | 60.010 | 9.710 | 44.410 | 4.240 | 15.200 |
| SARVC | 2 | 0.000 | 3.352 | 2.227 | 0.000 | 0.000 | 3.383 | 3.383 | 20 | ON | 12.240 | 57.890 | 9.230 | 42.440 | 3.970 | 14.180 |
| SAKHF | 3 | 0.000 | 0.000 | 3.336 | 0.000 | 0.000 | 3.336 | 3.336 | 60 | ON | 2.190 | 10.410 | 1.780 | 7.770 | 0.560 | 2.100 |
| SAPHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAPVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAQGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SARGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SARVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAKHS | 4 | 3.461 | 0.000 | 0.000 | 1.265 | 1.236 | 1.265 | 1.236 | 60 | ON | 0.180 | 0.570 | 0.140 | 0.450 | 0.040 | 0.110 |
| SAPHC | 4 | 2.992 | 2.323 | 0.000 | 0.843 | 0.814 | 2.337 | 2.336 | 60 | ON | 0.670 | 2.620 | 0.540 | 2.000 | 0.160 | 0.510 |
| SAPVC | 4 | 2.702 | 2.033 | 0.000 | -1.628 | -1.493 | 2.033 | 2.033 | 60 | ON | 2.940 | 10.740 | 2.250 | 8.010 | 0.870 | 2.830 |
| SAQGC | 4 | 2.785 | 2.116 | 0.000 | 2.084 | 1.960 | 2.401 | 2.346 | 60 | ON | 4.050 | 14.480 | 3.110 | 10.830 | 1.250 | 3.840 |
| SARGC | 4 | 2.653 | 1.984 | 0.000 | 1.965 | 1.842 | 2.276 | 2.220 | 60 | ON | 3.530 | 12.340 | 2.720 | 9.250 | 1.080 | 3.300 |
| SARVC | 4 | 2.623 | 1.954 | 0.000 | -1.699 | -1.564 | 1.954 | 1.954 | 60 | ON | 2.700 | 9.700 | 2.060 | 7.250 | 0.800 | 2.580 |
| SAKHF | 5 | 0.000 | 0.000 | 3.407 | 0.000 | 0.000 | 3.407 | 3.407 | 60 | ON | 2.380 | 11.490 | 1.940 | 8.570 | 0.610 | 2.320 |
| SAPHC | 5 | 0.000 | 3.721 | 2.898 | 0.000 | 0.000 | 3.782 | 3.782 | 20 | ON | 3.680 | 19.350 | 2.990 | 14.410 | 0.970 | 3.950 |
| SAPVC | 5 | 0.000 | 3.431 | 2.306 | 0.000 | 0.000 | 3.462 | 3.462 | 20 | ON | 13.290 | 63.580 | 10.000 | 46.640 | 4.320 | 15.600 |
| SAQGC | 5 | 0.000 | 3.514 | 2.991 | 0.000 | 0.000 | 3.628 | 3.628 | 20 | ON | 14.460 | 70.260 | 11.080 | 52.070 | 4.890 | 17.860 |
| SARGC | 5 | 0.000 | 3.382 | 2.859 | 0.000 | 0.000 | 3.496 | 3.496 | 20 | ON | 12.700 | 60.010 | 9.710 | 44.410 | 4.240 | 15.200 |
| SARVC | 5 | 0.000 | 3.352 | 2.227 | 0.000 | 0.000 | 3.383 | 3.383 | 20 | ON | 12.240 | 57.890 | 9.230 | 42.440 | 3.970 | 14.180 |
| SAKHF | 6 | 0.000 | 0.000 | 2.160 | 0.000 | 0.000 | 2.160 | 2.160 | 120 | ON | 0.540 | 2.060 | 0.430 | 1.580 | 0.130 | 0.400 |
| SAPHC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAPVC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAQGC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SARGC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SARVC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAKHS | 7 | 0.000 | 0.000 | -1.000 | 0.000 | 0.000 | -1.000 | -1.000 | 120 | ON | 0.010 | 0.020 | 0.010 | 0.020 | 0.000 | 0.000 |
| SAPHS | 7 | 0.000 | 0.000 | -1.000 | 0.000 | 0.000 | -1.000 | -1.000 | 120 | ON | 0.010 | 0.020 | 0.010 | 0.020 | 0.000 | 0.000 |
| SAPVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 120 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSSA

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | LOG OF EVAPORATED QUANTITY(LB) VAPOR | WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAQGS | 7 | 0.000 | 0.000 | 0.255 | 0.000 | 0.000 | 0.255 | 0.255 | 120 | ON | 0.160 | 0.490 | 0.120 | 0.370 | 0.040 | 0.120 |
| SARGS | 7 | 0.000 | 0.000 | 0.255 | 0.000 | 0.000 | 0.255 | 0.255 | 120 | ON | 0.160 | 0.490 | 0.120 | 0.370 | 0.040 | 0.120 |
| SARVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 120 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAPHC | 8 | 1.767 | 1.068 | 0.000 | 0.041 | 0.015 | 1.107 | 1.105 | 120 | ON | 0.150 | 0.480 | 0.120 | 0.380 | 0.030 | 0.090 |
| SAPVC | 8 | 1.477 | 1.778 | 0.000 | -2.430 | -2.292 | 1.778 | 1.778 | 120 | ON | 2.230 | 7.730 | 1.700 | 5.800 | 0.650 | 2.090 |
| SAQGC | 8 | 1.860 | 1.161 | 0.000 | 1.552 | 1.430 | 1.700 | 1.617 | 120 | ON | 1.850 | 5.730 | 1.440 | 4.350 | 0.550 | 1.600 |
| SARGC | 8 | 2.793 | 1.330 | 0.000 | 2.392 | 2.268 | 2.428 | 2.316 | 120 | ON | 4.170 | 13.940 | 3.210 | 10.430 | 1.290 | 3.700 |
| SARVC | 8 | 2.763 | 1.301 | 0.000 | -1.272 | -1.138 | 1.302 | 1.303 | 120 | ON | 1.320 | 4.190 | 1.000 | 3.170 | 0.370 | 1.170 |
| SAKHF | 9 | 0.000 | 0.000 | 2.230 | 0.000 | 0.000 | 2.230 | 2.230 | 60 | ON | 0.590 | 2.260 | 0.470 | 1.730 | 0.140 | 0.440 |
| SAPHC | 9 | 0.000 | 2.545 | 1.722 | 0.000 | 0.000 | 2.606 | 2.606 | 20 | ON | 0.920 | 3.800 | 0.750 | 2.880 | 0.230 | 0.750 |
| SAPVC | 9 | 0.000 | 2.255 | 1.130 | 0.000 | 0.000 | 2.286 | 2.286 | 20 | ON | 3.860 | 14.860 | 2.950 | 11.020 | 1.170 | 3.830 |
| SAQGC | 9 | 0.000 | 2.337 | 1.815 | 0.000 | 0.000 | 2.451 | 2.451 | 20 | ON | 4.280 | 16.530 | 3.290 | 12.340 | 1.320 | 4.350 |
| SARGC | 9 | 0.000 | 2.205 | 1.683 | 0.000 | 0.000 | 2.319 | 2.319 | 20 | ON | 3.700 | 14.000 | 2.850 | 10.470 | 1.130 | 3.720 |
| SARVC | 9 | 0.000 | 2.176 | 1.053 | 0.000 | 0.000 | 2.208 | 2.208 | 20 | ON | 3.550 | 13.430 | 2.710 | 9.980 | 1.060 | 3.490 |

Report for file CNSSA

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAKHS | 1 | 0.66 | 2.48 | 0.03 | 0.68 | 2.40 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| SAPHC | 1 | 2.69 | 13.26 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.34 | 8.87 | 0.16 | 1.03 | 0.00 | 0.00 |
| SAPVC | 1 | 10.21 | 47.01 | 508.49 | 1072.78 | 0.00 | 0.00 | 334.98 | 777.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 51.83 | 120.30 | 179.59 |
| SAQGC | 1 | 13.06 | 58.69 | 508.49 | 3104.88 | 0.00 | 0.00 | 334.98 | 2413.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SARGC | 1 | 11.52 | 50.33 | 508.49 | 3104.88 | 0.00 | 0.00 | 334.98 | 2413.14 | 0.00 | 0.00 | 267.51 | 2292.73 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SARVC | 1 | 9.40 | 42.66 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| SAKHF | 2 | 2.38 | 11.49 | 1.72 | 224.28 | 54.36 | 372.49 | 0.00 | 0.00 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SAPHC | 2 | 3.68 | 19.35 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.34 | 8.87 | 0.16 | 1.03 | 0.00 | 0.00 |
| SAPVC | 2 | 13.29 | 63.58 | 508.49 | 3104.88 | 0.00 | 0.00 | 334.98 | 2413.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SAQGC | 2 | 14.46 | 70.26 | 508.49 | 3104.88 | 0.00 | 0.00 | 334.98 | 2413.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SARGC | 2 | 12.70 | 60.01 | 508.49 | 3104.88 | 0.00 | 0.00 | 334.98 | 2413.14 | 0.00 | 0.00 | 267.51 | 2292.73 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SARVC | 2 | 12.24 | 57.89 | 508.49 | 3104.88 | 0.00 | 0.00 | 334.98 | 2413.14 | 0.00 | 0.00 | 267.51 | 2292.73 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SAKHF | 3 | 2.19 | 10.41 | 1.72 | 224.28 | 54.36 | 372.49 | 0.00 | 0.00 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SAPHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SAPVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SAQGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SARGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SARVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SAKHS | 4 | 0.18 | 0.57 | 0.00 | 0.01 | 0.00 | 1.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SAPHC | 4 | 0.67 | 2.62 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| SAPVC | 4 | 2.94 | 10.74 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SAQGC | 4 | 4.05 | 14.48 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SARGC | 4 | 3.53 | 12.34 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SARVC | 4 | 2.70 | 9.70 | 1.72 | 21.28 | 0.00 | 0.00 | 6.66 | 49.52 | 0.00 | 0.00 | 5.55 | 13.81 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| SAKHF | 5 | 2.38 | 11.49 | 1.72 | 224.28 | 54.36 | 372.49 | 0.00 | 0.00 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SAPHC | 5 | 3.68 | 19.35 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.34 | 8.87 | 0.16 | 1.03 | 0.00 | 0.00 |
| SAPVC | 5 | 13.29 | 63.58 | 508.49 | 3104.88 | 0.00 | 0.00 | 334.98 | 2413.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SAQGC | 5 | 14.46 | 70.26 | 508.49 | 3104.88 | 0.00 | 0.00 | 334.98 | 2413.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SARGC | 5 | 12.70 | 60.01 | 508.49 | 3104.88 | 0.00 | 0.00 | 334.98 | 2413.14 | 0.00 | 0.00 | 267.51 | 2292.73 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SARVC | 5 | 12.24 | 57.89 | 508.49 | 3104.88 | 0.00 | 0.00 | 334.98 | 2413.14 | 0.00 | 0.00 | 267.51 | 2292.73 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SAKHF | 6 | 0.54 | 2.06 | 0.03 | 0.68 | 2.40 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| SAPHC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SAPVC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SAQGC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SARGC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SARVC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SAKHS | 7 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSSA

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAPHS | 7 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SAPVS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SAQGS | 7 | 0.16 | 0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SARGS | 7 | 0.16 | 0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SARVS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SAPHC | 8 | 0.15 | 0.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SAPVC | 8 | 2.23 | 7.73 | 1.72 | 21.28 | 0.00 | 0.00 | 6.66 | 49.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| SAQGC | 8 | 1.85 | 5.73 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| SARGC | 8 | 4.17 | 13.94 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SARVC | 8 | 1.32 | 4.19 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| SAKHF | 9 | 0.59 | 2.26 | 0.03 | 0.68 | 2.40 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| SAPHC | 9 | 0.92 | 3.80 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| SAPVC | 9 | 3.86 | 14.86 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SAQGC | 9 | 4.28 | 16.53 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SARGC | 9 | 3.70 | 14.00 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SARVC | 9 | 3.55 | 13.43 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |

Report for file CNSSA

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAKHS | 1 | 0.66 | 2.48 | 0.19 | 2.85 | 67.78 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| SAPHC | 1 | 2.69 | 13.26 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 1.21 | 30.26 | 0.26 | 1.75 | 0.00 | 0.00 |
| SAPVC | 1 | 10.21 | 47.01 | 2625.48 | 4986.01 | 0.00 | 0.00 | 3489.80 | 6570.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 1072.28 | 1393.31 | 2524.63 |
| SAQGC | 1 | 13.06 | 58.69 | 2625.48 | 10730.7 | 0.00 | 0.00 | 3489.80 | 18640.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SARGC | 1 | 11.52 | 50.33 | 2625.48 | 10730.7 | 0.00 | 0.00 | 3489.80 | 18640.3 | 0.00 | 0.00 | 2013.65 | 15659.8 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SARVC | 1 | 9.40 | 42.66 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| SAKHF | 2 | 2.38 | 11.49 | 5.82 | 1439.30 | 538.65 | 2294.43 | 0.00 | 0.00 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SAPHC | 2 | 3.68 | 19.35 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 1.21 | 30.26 | 0.26 | 1.75 | 0.00 | 0.00 |
| SAPVC | 2 | 13.29 | 63.58 | 2625.48 | 10730.7 | 0.00 | 0.00 | 3489.80 | 18640.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SAQGC | 2 | 14.46 | 70.26 | 2625.48 | 10730.7 | 0.00 | 0.00 | 3489.80 | 18640.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SARGC | 2 | 12.70 | 60.01 | 2625.48 | 10730.7 | 0.00 | 0.00 | 3489.80 | 18640.3 | 0.00 | 0.00 | 2013.65 | 15659.8 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SARVC | 2 | 12.24 | 57.89 | 2625.48 | 10730.7 | 0.00 | 0.00 | 3489.80 | 18640.3 | 0.00 | 0.00 | 2013.65 | 15659.8 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SAKHF | 3 | 2.19 | 10.41 | 5.82 | 1439.30 | 538.65 | 2294.43 | 0.00 | 0.00 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SAPHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SAPVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SAQGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SARGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SARVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SAKHS | 4 | 0.18 | 0.57 | 0.00 | 0.19 | 0.00 | 43.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.33 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| SAPHC | 4 | 0.67 | 2.62 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| SAPVC | 4 | 2.94 | 10.74 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SAQGC | 4 | 4.05 | 14.48 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SARGC | 4 | 3.53 | 12.34 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SARVC | 4 | 2.70 | 9.70 | 5.82 | 57.27 | 0.00 | 0.00 | 29.38 | 468.74 | 0.00 | 0.00 | 24.90 | 38.89 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| SAKHF | 5 | 2.38 | 11.49 | 5.82 | 1439.30 | 538.65 | 2294.43 | 0.00 | 0.00 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SAPHC | 5 | 3.68 | 19.35 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 1.21 | 30.26 | 0.26 | 1.75 | 0.00 | 0.00 |
| SAPVC | 5 | 13.29 | 63.58 | 2625.48 | 10730.7 | 0.00 | 0.00 | 3489.80 | 18640.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SAQGC | 5 | 14.46 | 70.26 | 2625.48 | 10730.7 | 0.00 | 0.00 | 3489.80 | 18640.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SARGC | 5 | 12.70 | 60.01 | 2625.48 | 10730.7 | 0.00 | 0.00 | 3489.80 | 18640.3 | 0.00 | 0.00 | 2013.65 | 15659.8 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SARVC | 5 | 12.24 | 57.89 | 2625.48 | 10730.7 | 0.00 | 0.00 | 3489.80 | 18640.3 | 0.00 | 0.00 | 2013.65 | 15659.8 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SAKHF | 6 | 0.54 | 2.06 | 0.19 | 2.85 | 67.78 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| SAPHC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SAPVC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SAQGC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SARGC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SARVC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SAKHS | 7 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSSA

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAPHS | 7 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SAPVS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SAQGS | 7 | 0.16 | 0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SARGS | 7 | 0.16 | 0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SARVS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SAPHC | 8 | 0.15 | 0.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SAPVC | 8 | 2.23 | 7.73 | 5.82 | 57.27 | 0.00 | 0.00 | 29.38 | 468.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| SAQGC | 8 | 1.85 | 5.73 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| SARGC | 8 | 4.17 | 13.94 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SARVC | 8 | 1.32 | 4.19 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| SAKHF | 9 | 0.59 | 2.26 | 0.19 | 2.85 | 67.78 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| SAPHC | 9 | 0.92 | 3.80 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| SAPVC | 9 | 3.86 | 14.86 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SAQGC | 9 | 4.28 | 16.53 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SARGC | 9 | 3.70 | 14.00 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SARVC | 9 | 3.55 | 13.43 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |

Report for file CNSSA

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAKHS | 1 | 0.660 | 0.020 | 0.680 | 0.450 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAPHC | 1 | 2.690 | 0.530 | 0.930 | 0.860 | 0.640 | 0.400 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAPVC | 1 | 10.210 | 6.990 | 0.980 | 0.970 | 0.920 | 0.850 | 0.690 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAQGC | 1 | 13.060 | 11.170 | 0.990 | 0.980 | 0.940 | 0.890 | 0.770 | 0.450 | 0.010 | 0.000 | 0.000 | 0.000 |
| SARGC | 1 | 11.520 | 8.790 | 0.990 | 0.970 | 0.930 | 0.870 | 0.740 | 0.380 | 0.010 | 0.000 | 0.000 | 0.000 |
| SARVC | 1 | 9.400 | 5.960 | 0.980 | 0.970 | 0.920 | 0.830 | 0.670 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAKHF | 2 | 2.380 | 0.420 | 0.920 | 0.840 | 0.590 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAPHC | 2 | 3.680 | 0.980 | 0.950 | 0.900 | 0.740 | 0.490 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAPVC | 2 | 13.290 | 11.550 | 0.990 | 0.980 | 0.940 | 0.880 | 0.770 | 0.440 | 0.010 | 0.000 | 0.000 | 0.000 |
| SAQGC | 2 | 14.460 | 13.560 | 0.990 | 0.980 | 0.950 | 0.900 | 0.800 | 0.490 | 0.100 | 0.000 | 0.000 | 0.000 |
| SARGC | 2 | 12.700 | 10.580 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.430 | 0.010 | 0.000 | 0.000 | 0.000 |
| SARVC | 2 | 12.240 | 9.870 | 0.990 | 0.970 | 0.940 | 0.870 | 0.750 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 |
| SAKHF | 3 | 2.190 | 0.350 | 0.910 | 0.820 | 0.550 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAPHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAPVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAQGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SARGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SARVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAKHS | 4 | 0.180 | 0.000 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAPHC | 4 | 0.670 | 0.020 | 0.690 | 0.450 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAPVC | 4 | 2.940 | 0.640 | 0.940 | 0.890 | 0.710 | 0.450 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAQGC | 4 | 4.050 | 1.190 | 0.960 | 0.920 | 0.800 | 0.600 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SARGC | 4 | 3.530 | 0.910 | 0.950 | 0.910 | 0.770 | 0.540 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SARVC | 4 | 2.700 | 0.540 | 0.940 | 0.870 | 0.690 | 0.420 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAKHF | 5 | 2.380 | 0.420 | 0.920 | 0.840 | 0.590 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAPHC | 5 | 3.680 | 0.980 | 0.950 | 0.900 | 0.740 | 0.490 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAPVC | 5 | 13.290 | 11.550 | 0.990 | 0.980 | 0.940 | 0.880 | 0.770 | 0.440 | 0.010 | 0.000 | 0.000 | 0.000 |
| SAQGC | 5 | 14.460 | 13.560 | 0.990 | 0.980 | 0.950 | 0.900 | 0.800 | 0.490 | 0.100 | 0.000 | 0.000 | 0.000 |
| SARGC | 5 | 12.700 | 10.580 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.430 | 0.010 | 0.000 | 0.000 | 0.000 |
| SARVC | 5 | 12.240 | 9.870 | 0.990 | 0.970 | 0.940 | 0.870 | 0.750 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 |
| SAKHF | 6 | 0.540 | 0.000 | 0.610 | 0.390 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAPHC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAPVC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAQGC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SARGC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SARVC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAKHS | 7 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAPHS | 7 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

09/14/87

Report for file CNSSA

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAPVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAQGS | 7 | 0.160 | 0.000 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SARGS | 7 | 0.160 | 0.000 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SARVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAPHC | 8 | 0.150 | 0.000 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAPVC | 8 | 2.230 | 0.370 | 0.920 | 0.850 | 0.610 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAQGC | 8 | 1.850 | 0.250 | 0.910 | 0.820 | 0.550 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SARGC | 8 | 4.170 | 1.260 | 0.960 | 0.920 | 0.810 | 0.610 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SARVC | 8 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAKHF | 9 | 0.590 | 0.010 | 0.640 | 0.410 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAPHC | 9 | 0.920 | 0.050 | 0.780 | 0.560 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAPVC | 9 | 3.860 | 1.080 | 0.960 | 0.910 | 0.790 | 0.570 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAQGC | 9 | 4.280 | 1.320 | 0.960 | 0.920 | 0.810 | 0.620 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SARGC | 9 | 3.700 | 1.000 | 0.960 | 0.910 | 0.780 | 0.560 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SARVC | 9 | 3.550 | 0.920 | 0.950 | 0.910 | 0.770 | 0.530 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSSA

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAKHS | 1 | 2.480 | 0.260 | 0.900 | 0.790 | 0.500 | 0.320 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAPHC | 1 | 13.260 | 5.530 | 0.980 | 0.960 | 0.910 | 0.810 | 0.630 | 0.340 | 0.010 | 0.000 | 0.000 | 0.000 |
| SAPVC | 1 | 47.010 | 54.110 | 1.000 | 0.990 | 0.980 | 0.960 | 0.910 | 0.780 | 0.570 | 0.320 | 0.000 | 0.000 |
| SAQGC | 1 | 58.690 | 80.690 | 1.000 | 0.990 | 0.980 | 0.970 | 0.930 | 0.830 | 0.660 | 0.410 | 0.010 | 0.000 |
| SARGC | 1 | 50.330 | 61.190 | 1.000 | 0.990 | 0.980 | 0.960 | 0.920 | 0.800 | 0.610 | 0.350 | 0.000 | 0.000 |
| SARVC | 1 | 42.660 | 45.430 | 1.000 | 0.990 | 0.980 | 0.950 | 0.900 | 0.760 | 0.520 | 0.280 | 0.000 | 0.000 |
| SAKHF | 2 | 11.490 | 4.270 | 0.980 | 0.960 | 0.890 | 0.780 | 0.570 | 0.290 | 0.010 | 0.000 | 0.000 | 0.000 |
| SAPHC | 2 | 19.350 | 10.930 | 0.990 | 0.970 | 0.940 | 0.870 | 0.750 | 0.450 | 0.220 | 0.000 | 0.000 | 0.000 |
| SAPVC | 2 | 63.580 | 93.200 | 1.000 | 0.990 | 0.980 | 0.970 | 0.940 | 0.840 | 0.680 | 0.430 | 0.010 | 0.000 |
| SAQGC | 2 | 70.260 | 111.540 | 1.000 | 0.990 | 0.990 | 0.970 | 0.940 | 0.860 | 0.720 | 0.470 | 0.040 | 0.000 |
| SARGC | 2 | 60.010 | 83.990 | 1.000 | 0.990 | 0.980 | 0.970 | 0.930 | 0.840 | 0.670 | 0.420 | 0.010 | 0.000 |
| SARVC | 2 | 57.890 | 78.720 | 1.000 | 0.990 | 0.980 | 0.960 | 0.930 | 0.820 | 0.650 | 0.400 | 0.010 | 0.000 |
| SAKHF | 3 | 10.410 | 3.570 | 0.980 | 0.950 | 0.880 | 0.760 | 0.520 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAPHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAPVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAQGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SARGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SARVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAKHS | 4 | 0.570 | 0.000 | 0.550 | 0.370 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAPHC | 4 | 2.620 | 0.280 | 0.900 | 0.810 | 0.510 | 0.340 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAPVC | 4 | 10.740 | 3.780 | 0.980 | 0.960 | 0.910 | 0.820 | 0.650 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAQGC | 4 | 14.480 | 6.480 | 0.990 | 0.970 | 0.930 | 0.870 | 0.740 | 0.420 | 0.070 | 0.000 | 0.000 | 0.000 |
| SARGC | 4 | 12.340 | 4.860 | 0.980 | 0.970 | 0.920 | 0.850 | 0.700 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 |
| SARVC | 4 | 9.700 | 3.150 | 0.980 | 0.960 | 0.900 | 0.810 | 0.610 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAKHF | 5 | 11.490 | 4.270 | 0.980 | 0.960 | 0.890 | 0.780 | 0.570 | 0.290 | 0.010 | 0.000 | 0.000 | 0.000 |
| SAPHC | 5 | 19.350 | 10.930 | 0.990 | 0.970 | 0.940 | 0.870 | 0.750 | 0.450 | 0.220 | 0.000 | 0.000 | 0.000 |
| SAPVC | 5 | 63.580 | 93.200 | 1.000 | 0.990 | 0.980 | 0.970 | 0.940 | 0.840 | 0.680 | 0.430 | 0.010 | 0.000 |
| SAQGC | 5 | 70.260 | 111.540 | 1.000 | 0.990 | 0.990 | 0.970 | 0.940 | 0.860 | 0.720 | 0.470 | 0.040 | 0.000 |
| SARGC | 5 | 60.010 | 83.990 | 1.000 | 0.990 | 0.980 | 0.970 | 0.930 | 0.840 | 0.670 | 0.420 | 0.010 | 0.000 |
| SARVC | 5 | 57.890 | 78.720 | 1.000 | 0.990 | 0.980 | 0.960 | 0.930 | 0.820 | 0.650 | 0.400 | 0.010 | 0.000 |
| SAKHF | 6 | 2.060 | 0.180 | 0.880 | 0.750 | 0.460 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAPHC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAPVC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAQGC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SARGC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SARVC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAKHS | 7 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAPHS | 7 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSSA

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAPVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAQGS | 7 | 0.490 | 0.000 | 0.580 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SARGS | 7 | 0.490 | 0.000 | 0.580 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SARVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAPHC | 8 | 0.480 | 0.000 | 0.490 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAPVC | 8 | 7.730 | 2.090 | 0.980 | 0.950 | 0.880 | 0.760 | 0.520 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAQGC | 8 | 5.730 | 1.210 | 0.970 | 0.940 | 0.840 | 0.690 | 0.430 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| SARGC | 8 | 13.940 | 6.050 | 0.990 | 0.970 | 0.930 | 0.860 | 0.730 | 0.410 | 0.040 | 0.000 | 0.000 | 0.000 |
| SARVC | 8 | 4.190 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAKHF | 9 | 2.260 | 0.220 | 0.890 | 0.770 | 0.480 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAPHC | 9 | 3.800 | 0.570 | 0.930 | 0.870 | 0.670 | 0.440 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SAPVC | 9 | 14.860 | 6.790 | 0.990 | 0.970 | 0.930 | 0.870 | 0.740 | 0.420 | 0.080 | 0.000 | 0.000 | 0.000 |
| SAQGC | 9 | 16.530 | 8.240 | 0.990 | 0.980 | 0.940 | 0.890 | 0.770 | 0.460 | 0.150 | 0.000 | 0.000 | 0.000 |
| SARGC | 9 | 14.000 | 6.100 | 0.990 | 0.970 | 0.930 | 0.870 | 0.730 | 0.410 | 0.040 | 0.000 | 0.000 | 0.000 |
| SARVC | 9 | 13.430 | 5.660 | 0.990 | 0.970 | 0.930 | 0.860 | 0.710 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 |

# ACTIVITY CODE: SB

# SHORT-TERM STORAGE DUE TO AIR MODE (C141)

Report for file CNSSB

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SBKHS | 1 | 4.637 | 0.000 | 0.000 | 2.323 | 2.295 | 2.323 | 2.295 | 60 | ON | 0.660 | 2.480 | 0.530 | 1.890 | 0.160 | 0.490 |
| SBPHC | 1 | 4.169 | 3.500 | 0.000 | 1.902 | 1.874 | 3.511 | 3.510 | 60 | ON | 2.690 | 13.260 | 2.190 | 9.880 | 0.700 | 2.690 |
| SBPVC | 1 | 3.879 | 3.210 | 0.000 | -0.569 | -0.435 | 3.210 | 3.210 | 60 | ON | 10.210 | 47.010 | 7.730 | 34.460 | 3.280 | 11.510 |
| SBQGC | 1 | 3.961 | 3.292 | 0.000 | 3.142 | 3.018 | 3.524 | 3.477 | 60 | ON | 13.060 | 58.690 | 9.990 | 43.420 | 4.370 | 14.860 |
| SBRGC | 1 | 3.829 | 3.160 | 0.000 | 3.023 | 2.899 | 3.398 | 3.350 | 60 | ON | 11.520 | 50.330 | 8.800 | 37.210 | 3.800 | 12.740 |
| SBRVC | 1 | 3.799 | 3.130 | 0.000 | -0.641 | -0.507 | 3.130 | 3.130 | 60 | ON | 9.400 | 42.660 | 7.120 | 31.280 | 3.000 | 10.460 |
| SBKHF | 2 | 0.000 | 0.000 | 3.407 | 0.000 | 0.000 | 3.407 | 3.407 | 60 | ON | 2.380 | 11.490 | 1.940 | 8.570 | 0.610 | 2.320 |
| SBPHC | 2 | 0.000 | 3.721 | 2.898 | 0.000 | 0.000 | 3.782 | 3.782 | 20 | ON | 3.680 | 19.350 | 2.990 | 14.410 | 0.970 | 3.950 |
| SBPVC | 2 | 0.000 | 3.431 | 2.306 | 0.000 | 0.000 | 3.462 | 3.462 | 20 | ON | 13.290 | 63.580 | 10.000 | 46.640 | 4.320 | 15.600 |
| SBQGC | 2 | 0.000 | 3.514 | 2.991 | 0.000 | 0.000 | 3.628 | 3.628 | 20 | ON | 14.460 | 70.260 | 11.080 | 52.070 | 4.890 | 17.860 |
| SBRGC | 2 | 0.000 | 3.382 | 2.859 | 0.000 | 0.000 | 3.496 | 3.496 | 20 | ON | 12.700 | 60.010 | 9.710 | 44.410 | 4.240 | 15.200 |
| SBRVC | 2 | 0.000 | 3.352 | 2.227 | 0.000 | 0.000 | 3.383 | 3.383 | 20 | ON | 12.240 | 57.890 | 9.230 | 42.440 | 3.970 | 14.180 |
| SBKHF | 3 | 0.000 | 0.000 | 3.336 | 0.000 | 0.000 | 3.336 | 3.336 | 60 | ON | 2.190 | 10.410 | 1.780 | 7.770 | 0.560 | 2.100 |
| SBPHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBPVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBQGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBRGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBRVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBKHS | 4 | 3.461 | 0.000 | 0.000 | 1.265 | 1.236 | 1.265 | 1.236 | 60 | ON | 0.180 | 0.570 | 0.140 | 0.450 | 0.040 | 0.110 |
| SBPHC | 4 | 2.992 | 2.323 | 0.000 | 0.843 | 0.814 | 2.337 | 2.336 | 60 | ON | 0.670 | 2.620 | 0.540 | 2.000 | 0.160 | 0.510 |
| SBPVC | 4 | 2.702 | 2.033 | 0.000 | -1.628 | -1.493 | 2.033 | 2.033 | 60 | ON | 2.940 | 10.740 | 2.250 | 8.010 | 0.870 | 2.830 |
| SBQGC | 4 | 2.785 | 2.116 | 0.000 | 2.084 | 1.960 | 2.401 | 2.346 | 60 | ON | 4.050 | 14.480 | 3.110 | 10.830 | 1.250 | 3.840 |
| SBRGC | 4 | 2.653 | 1.984 | 0.000 | 1.965 | 1.842 | 2.276 | 2.220 | 60 | ON | 3.530 | 12.340 | 2.720 | 9.250 | 1.080 | 3.300 |
| SBRVC | 4 | 2.623 | 1.954 | 0.000 | -1.699 | -1.564 | 1.954 | 1.954 | 60 | ON | 2.700 | 9.700 | 2.060 | 7.250 | 0.800 | 2.580 |
| SBKHF | 5 | 0.000 | 0.000 | 3.407 | 0.000 | 0.000 | 3.407 | 3.407 | 60 | ON | 2.380 | 11.490 | 1.940 | 8.570 | 0.610 | 2.320 |
| SBPHC | 5 | 0.000 | 3.721 | 2.898 | 0.000 | 0.000 | 3.782 | 3.782 | 20 | ON | 3.680 | 19.350 | 2.990 | 14.410 | 0.970 | 3.950 |
| SBPVC | 5 | 0.000 | 3.431 | 2.306 | 0.000 | 0.000 | 3.462 | 3.462 | 20 | ON | 13.290 | 63.580 | 10.000 | 46.640 | 4.320 | 15.600 |
| SBQGC | 5 | 0.000 | 3.514 | 2.991 | 0.000 | 0.000 | 3.628 | 3.628 | 20 | ON | 14.460 | 70.260 | 11.080 | 52.070 | 4.890 | 17.860 |
| SBRGC | 5 | 0.000 | 3.382 | 2.859 | 0.000 | 0.000 | 3.496 | 3.496 | 20 | ON | 12.700 | 60.010 | 9.710 | 44.410 | 4.240 | 15.200 |
| SBRVC | 5 | 0.000 | 3.352 | 2.227 | 0.000 | 0.000 | 3.383 | 3.383 | 20 | ON | 12.240 | 57.890 | 9.230 | 42.440 | 3.970 | 14.180 |
| SBKHF | 6 | 0.000 | 0.000 | 2.160 | 0.000 | 0.000 | 2.160 | 2.160 | 120 | ON | 0.540 | 2.060 | 0.430 | 1.580 | 0.130 | 0.400 |
| SBPHC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBPVC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBQGC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBRGC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBRVC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBKHS | 7 | 0.000 | 0.000 | -1.000 | 0.000 | 0.000 | -1.000 | -1.000 | 120 | ON | 0.010 | 0.020 | 0.010 | 0.020 | 0.000 | 0.000 |
| SBPHS | 7 | 0.000 | 0.000 | -1.000 | 0.000 | 0.000 | -1.000 | -1.000 | 120 | ON | 0.010 | 0.020 | 0.010 | 0.020 | 0.000 | 0.000 |
| SBPVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 120 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSSB

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | LOG OF EVAPORATED QUANTITY(LB) VAPOR | WEATHER: ML | LOG OF TOTAL QUANTITY RELEASED(LB) WC | ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SBQGS | 7 | 0.000 | 0.000 | 0.255 | 0.000 | 0.000 | 0.255 | 0.255 | 120 | ON | 0.160 | 0.490 | 0.120 | 0.370 | 0.040 | 0.120 |
| SBRGS | 7 | 0.000 | 0.000 | 0.255 | 0.000 | 0.000 | 0.255 | 0.255 | 120 | ON | 0.160 | 0.490 | 0.120 | 0.370 | 0.040 | 0.120 |
| SBRVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 120 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBPHC | 8 | 1.767 | 1.068 | 0.000 | 0.041 | 0.015 | 1.107 | 1.105 | 120 | ON | 0.150 | 0.480 | 0.120 | 0.380 | 0.030 | 0.090 |
| SBPVC | 8 | 1.477 | 0.778 | 0.000 | -2.430 | -2.292 | 0.778 | 0.778 | 120 | ON | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| SBQGC | 8 | 1.860 | 1.161 | 0.000 | 1.552 | 1.430 | 1.700 | 1.617 | 120 | ON | 1.850 | 5.730 | 1.440 | 4.350 | 0.550 | 1.600 |
| SBRGC | 8 | 2.793 | 1.330 | 0.000 | 2.392 | 2.268 | 2.428 | 2.316 | 120 | ON | 4.170 | 13.940 | 3.210 | 10.430 | 1.290 | 3.700 |
| SBRVC | 8 | 2.763 | 1.301 | 0.000 | -1.272 | -1.138 | 1.302 | 1.303 | 120 | ON | 1.320 | 4.190 | 1.000 | 3.170 | 0.370 | 1.170 |
| SBKHF | 9 | 0.000 | 0.000 | 2.230 | 0.000 | 0.000 | 2.230 | 2.230 | 60 | ON | 0.590 | 2.260 | 0.470 | 1.730 | 0.140 | 0.440 |
| SBPHC | 9 | 0.000 | 2.545 | 1.722 | 0.000 | 0.000 | 2.606 | 2.606 | 20 | ON | 0.920 | 3.800 | 0.750 | 2.880 | 0.230 | 0.750 |
| SBPVC | 9 | 0.000 | 2.255 | 1.130 | 0.000 | 0.000 | 2.286 | 2.286 | 20 | ON | 3.860 | 14.860 | 2.950 | 11.020 | 1.170 | 3.830 |
| SBQGC | 9 | 0.000 | 2.337 | 1.815 | 0.000 | 0.000 | 2.451 | 2.451 | 20 | ON | 4.280 | 16.530 | 3.290 | 12.340 | 1.320 | 4.350 |
| SBRGC | 9 | 0.000 | 2.205 | 1.683 | 0.000 | 0.000 | 2.319 | 2.319 | 20 | ON | 3.700 | 14.000 | 2.850 | 10.470 | 1.130 | 3.720 |
| SBRVC | 9 | 0.000 | 2.176 | 1.053 | 0.000 | 0.000 | 2.208 | 2.208 | 20 | ON | 3.550 | 13.430 | 2.710 | 9.980 | 1.060 | 3.490 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLBGC | 6 | 0.50 | 1.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| SLDHC | 6 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLCGC | 6 | 0.09 | 0.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLCHC | 6 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKGCI | 6 | 0.60 | 2.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.00 | 0.00 |
| SLKHCI | 6 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHSO | 6 | 0.13 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHCW | 6 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVCI | 6 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVCW | 6 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLMVC | 6 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPGC | 6 | 0.22 | 0.72 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| SLPHC | 6 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPVC | 6 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLQGC | 6 | 0.22 | 0.72 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| SLQVC | 6 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLRGC | 6 | 0.26 | 0.86 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 1.33 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| SLRVC | 6 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLSVCI | 6 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLSVCW | 6 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLBGC | 7 | 0.50 | 1.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| SLDHC | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLCGC | 7 | 0.07 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLCHC | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKGCI | 7 | 0.60 | 2.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.00 | 0.00 |
| SLKHCI | 7 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHSO | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHCW | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVCI | 7 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVCW | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLMVC | 7 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPGC | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPHC | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPVC | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLQGC | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLQVC | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLRGC | 7 | 0.15 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLRVC | 7 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLSVCI | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLSVCW | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLBGF | 8 | 16.70 | 90.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SLDHC | 8 | 6.61 | 39.92 | 151.19 | 4986.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 94.53 | 5359.40 | 5.86 | 6301.77 | 0.79 | 1072.28 | 0.00 | 0.00 |
| SLCGC | 8 | 15.16 | 74.37 | 2625.48 | 10730.7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 19811.6 | 0.00 | 0.00 |
| SLCHC | 8 | 4.33 | 23.58 | 5.82 | 4986.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.21 | 6301.77 | 0.26 | 1072.28 | 0.00 | 0.00 |
| SLKGFI | 8 | 19.67 | 107.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 58626.2 | 0.00 | 0.00 |
| SLKHFI | 8 | 4.04 | 21.70 | 5.82 | 4986.01 | 538.65 | 42006.8 | 0.00 | 0.00 | 0.00 | 0.00 | 24.90 | 5359.40 | 0.00 | 0.00 | 0.26 | 1072.28 | 3.21 | 2524.63 |
| SLKHFO | 8 | 11.91 | 85.22 | 2625.48 | 10730.7 | 4774.68 | 120185 | 0.00 | 0.00 | 0.00 | 0.00 | 2013.65 | 15659.8 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SLKHFW | 8 | 22.54 | 201.70 | 11024.50 | 244118 | 92469.7 | 793687 | 0.00 | 0.00 | 0.00 | 0.00 | 12383.6 | 106272 | 0.00 | 0.00 | 2041.05 | 218803 | 5282.97 | 49811.7 |
| SLKVFI | 8 | 15.55 | 87.46 | 2625.48 | 10730.7 | 0.00 | 0.00 | 0.00 | 0.00 | 246.23 | 17799.1 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 19811.6 | 0.00 | 0.00 |
| SLKVFW | 8 | 56.46 | 292.60 | 23640.00 | 244118 | 0.00 | 0.00 | 0.00 | 0.00 | 26162.9 | 89456.0 | 0.00 | 0.00 | 0.00 | 0.00 | 49396.7 | 218803 | 0.00 | 0.00 |
| SLMVC | 8 | 23.69 | 120.02 | 11024.50 | 70513.2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12383.6 | 40078.2 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SLPGC | 8 | 28.22 | 159.64 | 11024.50 | 70513.2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SLPHC | 8 | 8.65 | 56.22 | 151.19 | 10730.7 | 0.00 | 0.00 | 1082.52 | 18640.3 | 0.00 | 0.00 | 0.00 | 0.00 | 5.86 | 16472.8 | 0.79 | 19811.6 | 0.00 | 0.00 |
| SLPVC | 8 | 29.42 | 150.42 | 11024.50 | 70513.2 | 0.00 | 0.00 | 10698.9 | 54119.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SLQGC | 8 | 27.00 | 151.12 | 11024.50 | 70513.2 | 0.00 | 0.00 | 10698.9 | 54119.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SLQVC | 8 | 28.99 | 148.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SLRGC | 8 | 23.08 | 124.53 | 11024.50 | 70513.2 | 0.00 | 0.00 | 10698.9 | 54119.3 | 0.00 | 0.00 | 12383.6 | 40078.2 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SLRVC | 8 | 23.47 | 118.82 | 11024.50 | 70513.2 | 0.00 | 0.00 | 10698.9 | 54119.3 | 0.00 | 0.00 | 12383.6 | 40078.2 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SLSVCI | 8 | 3.85 | 18.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SLSVCW | 8 | 14.18 | 79.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SLBGC | 9 | 0.25 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| SLDHC | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLCGC | 9 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLCHC | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKGCI | 9 | 0.31 | 1.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 |
| SLKHCI | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHSO | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHCW | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVCI | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVCW | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLMVC | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPGC | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPHC | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPVC | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLBGC | 1 | 0.10 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLDHC | 1 | 0.10 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLCGC | 1 | 0.10 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLCHC | 1 | 0.10 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKGCI | 1 | 0.10 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHCI | 1 | 0.10 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHSO | 1 | 0.10 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHSO | 1G | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHCW | 1 | 0.10 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVCI | 1 | 0.10 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVCW | 1 | 0.10 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLMVC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPGC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPHC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPVC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLQGC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLQVC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLRGC | 1 | 0.10 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLRVC | 1 | 0.10 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLSVCI | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLSVCW | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLBGC | 2 | 0.25 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| SLDHC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLCGC | 2 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLCHC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLMVC | 2 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPGC | 2 | 0.06 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPHC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPVC | 2 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLQGC | 2 | 0.06 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLQVC | 2 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLRGC | 2 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLRVC | 2 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLSVCI | 2 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLBGF | 4 | 16.70 | 90.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SLDHC | 4 | 6.61 | 39.92 | 151.19 | 4986.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 94.53 | 5359.40 | 5.86 | 6301.77 | 0.79 | 1072.28 | 0.00 | 0.00 |
| SLCGC | 4 | 15.16 | 74.37 | 2625.48 | 10730.7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 19811.6 | 0.00 | 0.00 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLCHC | 4 | 4.33 | 23.58 | 5.82 | 4986.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.21 | 6301.77 | 0.26 | 1072.28 | 0.00 | 0.00 |
| SLKGF | 4 | 19.67 | 107.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 58626.2 | 0.00 | 0.00 |
| SLKHFI | 4 | 4.04 | 21.70 | 5.82 | 4986.01 | 538.65 | 42006.8 | 0.00 | 0.00 | 0.00 | 0.00 | 24.90 | 5359.40 | 0.00 | 0.00 | 0.26 | 1072.28 | 3.21 | 2524.63 |
| SLKHFO | 4 | 11.91 | 85.22 | 2625.48 | 10730.7 | 4774.68 | 120185 | 0.00 | 0.00 | 0.00 | 0.00 | 2013.65 | 15659.8 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SLKHFW | 4 | 22.54 | 201.70 | 11024.50 | 244118 | 92469.7 | 793687 | 0.00 | 0.00 | 0.00 | 0.00 | 12383.6 | 106272 | 0.00 | 0.00 | 2041.05 | 218803 | 5282.97 | 49811.7 |
| SLKVFI | 4 | 15.55 | 87.46 | 2625.48 | 10730.7 | 0.00 | 0.00 | 0.00 | 0.00 | 246.23 | 17799.1 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 19811.6 | 0.00 | 0.00 |
| SLKVFW | 4 | 56.46 | 292.60 | 23640.00 | 244118 | 0.00 | 0.00 | 0.00 | 0.00 | 26162.9 | 89456.0 | 0.00 | 0.00 | 0.00 | 0.00 | 49396.7 | 218803 | 0.00 | 0.00 |
| SLMVC | 4 | 23.69 | 120.02 | 11024.50 | 70513.2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12383.6 | 40078.2 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SLPGC | 4 | 28.22 | 159.64 | 11024.50 | 70513.2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SLPHC | 4 | 8.65 | 56.22 | 151.19 | 10730.7 | 0.00 | 0.00 | 1082.52 | 18640.3 | 0.00 | 0.00 | 0.00 | 0.00 | 5.86 | 16472.8 | 0.79 | 19811.6 | 0.00 | 0.00 |
| SLPVC | 4 | 29.42 | 150.42 | 11024.50 | 70513.2 | 0.00 | 0.00 | 10698.9 | 54119.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SLQGC | 4 | 27.00 | 151.12 | 11024.50 | 70513.2 | 0.00 | 0.00 | 10698.9 | 54119.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SLQVC | 4 | 28.99 | 148.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SLRGC | 4 | 23.08 | 124.53 | 11024.50 | 70513.2 | 0.00 | 0.00 | 10698.9 | 54119.3 | 0.00 | 0.00 | 12383.6 | 40078.2 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SLRVC | 4 | 23.47 | 118.82 | 11024.50 | 70513.2 | 0.00 | 0.00 | 10698.9 | 54119.3 | 0.00 | 0.00 | 12383.6 | 40078.2 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SLSVFI | 4 | 3.85 | 18.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SLSVFW | 4 | 14.18 | 79.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SLBGF | 5 | 16.70 | 90.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SLDHC | 5 | 6.61 | 39.92 | 151.19 | 4986.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 94.53 | 5359.40 | 5.86 | 6301.77 | 0.79 | 1072.28 | 0.00 | 0.00 |
| SLCGC | 5 | 15.16 | 74.37 | 2625.48 | 10730.7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 19811.6 | 0.00 | 0.00 |
| SLCHC | 5 | 4.33 | 23.58 | 5.82 | 4986.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.21 | 6301.77 | 0.26 | 1072.28 | 0.00 | 0.00 |
| SLKGFI | 5 | 19.67 | 107.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 58626.2 | 0.00 | 0.00 |
| SLKHFI | 5 | 4.04 | 21.70 | 5.82 | 4986.01 | 538.65 | 42006.8 | 0.00 | 0.00 | 0.00 | 0.00 | 24.90 | 5359.40 | 0.00 | 0.00 | 0.26 | 1072.28 | 3.21 | 2524.63 |
| SLKHFO | 5 | 11.91 | 85.22 | 2625.48 | 10730.7 | 4774.68 | 120185 | 0.00 | 0.00 | 0.00 | 0.00 | 2013.65 | 15659.8 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SLKHFW | 5 | 22.54 | 201.70 | 11024.50 | 244118 | 92469.7 | 793687 | 0.00 | 0.00 | 0.00 | 0.00 | 12383.6 | 106272 | 0.00 | 0.00 | 2041.05 | 218803 | 5282.97 | 49811.7 |
| SLKVFI | 5 | 15.55 | 87.46 | 2625.48 | 10730.7 | 0.00 | 0.00 | 0.00 | 0.00 | 246.23 | 17799.1 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 19811.6 | 0.00 | 0.00 |
| SLKVFW | 5 | 56.46 | 292.60 | 23640.00 | 244118 | 0.00 | 0.00 | 0.00 | 0.00 | 26162.9 | 89456.0 | 0.00 | 0.00 | 0.00 | 0.00 | 49396.7 | 218803 | 0.00 | 0.00 |
| SLMVC | 5 | 23.69 | 120.02 | 11024.50 | 70513.2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12383.6 | 40078.2 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SLPGC | 5 | 28.22 | 159.64 | 11024.50 | 70513.2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SLPHC | 5 | 8.65 | 56.22 | 151.19 | 10730.7 | 0.00 | 0.00 | 1082.52 | 18640.3 | 0.00 | 0.00 | 0.00 | 0.00 | 5.86 | 16472.8 | 0.79 | 19811.6 | 0.00 | 0.00 |
| SLPVC | 5 | 29.42 | 150.42 | 11024.50 | 70513.2 | 0.00 | 0.00 | 10698.9 | 54119.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SLQGC | 5 | 27.00 | 151.12 | 11024.50 | 70513.2 | 0.00 | 0.00 | 10698.9 | 54119.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SLQVC | 5 | 28.99 | 148.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SLRGC | 5 | 23.08 | 124.53 | 11024.50 | 70513.2 | 0.00 | 0.00 | 10698.9 | 54119.3 | 0.00 | 0.00 | 12383.6 | 40078.2 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SLRVC | 5 | 23.47 | 118.82 | 11024.50 | 70513.2 | 0.00 | 0.00 | 10698.9 | 54119.3 | 0.00 | 0.00 | 12383.6 | 40078.2 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SLSVFI | 5 | 3.85 | 18.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SLSVFW | 5 | 14.18 | 79.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLKHFWF28 | 30.83 | 314.00 | 2392.55 | 26410.1 | 10186.4 | 116372 | 0.00 | 0.00 | 0.00 | 0.00 | 1435.40 | 14061.0 | 0.00 | 0.00 | 116.38 | 16772.8 | 428.01 | 5459.91 |
| SLKHFWG28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHCWH28 | 22.56 | 202.00 | 2392.55 | 26410.1 | 10186.4 | 116372 | 0.00 | 0.00 | 0.00 | 0.00 | 1435.40 | 14061.0 | 0.00 | 0.00 | 116.38 | 16772.8 | 428.01 | 5459.91 |
| SLKHFWI28 | 30.83 | 314.00 | 2392.55 | 26410.1 | 10186.4 | 116372 | 0.00 | 0.00 | 0.00 | 0.00 | 1435.40 | 14061.0 | 0.00 | 0.00 | 116.38 | 16772.8 | 428.01 | 5459.91 |
| SLKHFWJ28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHFWK28 | 22.56 | 202.00 | 2392.55 | 26410.1 | 10186.4 | 116372 | 0.00 | 0.00 | 0.00 | 0.00 | 1435.40 | 14061.0 | 0.00 | 0.00 | 116.38 | 16772.8 | 428.01 | 5459.91 |
| SLKHFWL28 | 30.83 | 314.00 | 2392.55 | 26410.1 | 10186.4 | 116372 | 0.00 | 0.00 | 0.00 | 0.00 | 1435.40 | 14061.0 | 0.00 | 0.00 | 116.38 | 16772.8 | 428.01 | 5459.91 |
| SLKHFWM28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHFWN28 | 22.56 | 202.00 | 2392.55 | 26410.1 | 10186.4 | 116372 | 0.00 | 0.00 | 0.00 | 0.00 | 1435.40 | 14061.0 | 0.00 | 0.00 | 116.38 | 16772.8 | 428.01 | 5459.91 |
| SLKHFWO28 | 30.83 | 314.00 | 2392.55 | 26410.1 | 10186.4 | 116372 | 0.00 | 0.00 | 0.00 | 0.00 | 1435.40 | 14061.0 | 0.00 | 0.00 | 116.38 | 16772.8 | 428.01 | 5459.91 |
| SLKHFWP28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHFWQ28 | 30.83 | 314.00 | 2392.55 | 26410.1 | 10186.4 | 116372 | 0.00 | 0.00 | 0.00 | 0.00 | 1435.40 | 14061.0 | 0.00 | 0.00 | 116.38 | 16772.8 | 428.01 | 5459.91 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLSVFW 21 | 49.46 | 259.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 16772.8 | 428.01 | 5459.91 |
| SLBGC 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLDHC 22 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLCGC 22 | 0.37 | 1.12 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| SLCHC 22 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKGSI 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | .00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHSI 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | .00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHSO 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHSW 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVSI 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVSW 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLMVC 22 | 1.64 | 5.39 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| SLPGC 22 | 0.79 | 2.50 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| SLPHC 22 | 0.14 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | .00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPVC 22 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| SLQGC 22 | 1.09 | 3.53 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| SLQVC 22 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| SLRGC 22 | 1.36 | 4.53 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| SLRVC 22 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| SLSVFI 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLSVFW 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLBGC 23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLDHC 23 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLCGC 23 | 0.37 | 1.12 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| SLCHC 23 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKGFI 23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHFI 23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHFO 23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHFW 23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVFI 23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVFW 23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLMVC 23 | 1.64 | 5.39 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| SLPGC 23 | 0.79 | 2.50 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| SLPHC 23 | 0.14 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPVC 23 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| SLQGC 23 | 1.09 | 3.53 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| SLQVC 23 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLRGC 23 | 1.36 | 4.53 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| SLRVC 23 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| SLSVCI 23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLSVSW 23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHFO 24 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLBGC 25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLDHC 25 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLCGC 25 | 0.37 | 1.12 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| SLCHC 25 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKGC 25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHC 25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVC 25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLMVC 25 | 1.64 | 5.39 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| SLPGC 25 | 0.79 | 2.50 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| SLPHC 25 | 0.14 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPVC 25 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| SLQGC 25 | 1.09 | 3.53 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| SLQVC 25 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| SLRGC 25 | 1.36 | 4.53 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| SLRVC 25 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| SLSVS 25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVFWA26 | 45.38 | 304.21 | 2392.55 | 26410.1 | 0.00 | 0.00 | 0.00 | 0.00 | 1229.01 | 19803.9 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 16772.8 | 0.00 | 0.00 |
| SLKVCWB26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVFWC26 | 2.28 | 11.53 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 4.94 | 35.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| SLKVFWD26 | 45.38 | 304.21 | 2392.55 | 26410.1 | 0.00 | 0.00 | 0.00 | 0.00 | 1229.01 | 19803.9 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 16772.8 | 0.00 | 0.00 |
| SLKVCWE26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLSVFWA27 | 10.91 | 74.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SLSVFWB27 | 10.91 | 74.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SLSVFWC27 | 15.47 | 108.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 4858.19 | 120.30 | 2563.90 |
| SLSVFWD27 | 10.91 | 74.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SLSVFWE27 | 10.91 | 74.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SLSVFWF27 | 15.47 | 108.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 4858.19 | 120.30 | 2563.90 |
| SLKHFWA28 | 22.56 | 202.00 | 2392.55 | 26410.1 | 10186.4 | 116372 | 0.00 | 0.00 | 0.00 | 0.00 | 1435.40 | 14061.0 | 0.00 | 0.00 | 116.38 | 16772.8 | 428.01 | 5459.91 |
| SLKHFWB28 | 30.83 | 314.00 | 2392.55 | 26410.1 | 10186.4 | 116372 | 0.00 | 0.00 | 0.00 | 0.00 | 1435.40 | 14061.0 | 0.00 | 0.00 | 116.38 | 16772.8 | 428.01 | 5459.91 |
| SLKHFWC28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHCWD28 | 22.56 | 202.00 | 2392.55 | 26410.1 | 10186.4 | 116372 | 0.00 | 0.00 | 0.00 | 0.00 | 1435.40 | 14061.0 | 0.00 | 0.00 | 116.38 | 16772.8 | 428.01 | 5459.91 |
| SLKHFWE28 | 22.56 | 202.00 | 2392.55 | 26410.1 | 10186.4 | 116372 | 0.00 | 0.00 | 0.00 | 0.00 | 1435.40 | 14061.0 | 0.00 | 0.00 | 116.38 | 16772.8 | 428.01 | 5459.91 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLQGC 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLQVC 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLRGC 9 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLRVC 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLSVCI 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLSVCW 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKGFI 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHFI 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHFO 15 | 3.38 | 17.45 | 1.72 | 224.28 | 54.36 | 372.49 | 0.00 | 0.00 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SLKHFW 15 | 22.54 | 201.70 | 2392.55 | 26410.1 | 10186.4 | 116372 | 0.00 | 0.00 | 0.00 | 0.00 | 1435.40 | 14061.0 | 0.00 | 0.00 | 116.38 | 16772.8 | 428.01 | 5459.91 |
| SLKVFI 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVFW 15 | 57.39 | 296.60 | 7482.58 | 26410.1 | 0.00 | 0.00 | 0.00 | 0.00 | 5283.04 | 19803.9 | 0.00 | 0.00 | 0.00 | 0.00 | 4722.17 | 16772.8 | 0.00 | 0.00 |
| SLSVFI 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLSVFW 15 | 10.75 | 53.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SLBGC 16 | 0.94 | 3.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| SLDHC 16 | 1.75 | 7.95 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.05 | 0.69 | 0.03 | 0.26 | 0.00 | 0.00 |
| SLCGC 16 | 4.69 | 18.38 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| SLCHC 16 | 1.12 | 4.74 | 0.15 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.15 | 0.03 | 0.07 | 0.00 | 0.00 |
| SLKGC 16 | 0.94 | 3.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.00 | 0.00 |
| SLKHCI 16 | 0.01 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHSO 16 | 1.35 | 5.76 | 0.15 | 21.28 | 6.26 | 89.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| SLKHSW 16 | 1.35 | 5.76 | 0.15 | 21.28 | 6.26 | 89.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| SLKVCI 16 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVSW 16 | 0.43 | 1.83 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| SLMVC 16 | 11.05 | 51.46 | 508.49 | 3104.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 267.51 | 2292.73 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SLPGC 16 | 8.90 | 39.18 | 53.39 | 1072.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| SLPHC 16 | 2.32 | 11.13 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.34 | 8.87 | 0.16 | 1.03 | 0.00 | 0.00 |
| SLPVC 16 | 9.05 | 40.82 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| SLQGC 16 | 8.48 | 36.98 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| SLQVC 16 | 8.91 | 40.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| SLRGC 16 | 10.61 | 48.35 | 508.49 | 1072.78 | 0.00 | 0.00 | 334.98 | 777.27 | 0.00 | 0.00 | 267.51 | 495.88 | 0.00 | 0.00 | 2.42 | 51.83 | 120.30 | 179.59 |
| SLRVC 16 | 10.94 | 50.90 | 508.49 | 3104.88 | 0.00 | 0.00 | 334.98 | 2413.14 | 0.00 | 0.00 | 267.51 | 2292.73 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SLSVCI 16 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLSVSW 16 | 0.40 | 1.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| SLKHFO 17 | 6.12 | 36.24 | 53.39 | 1072.78 | 218.97 | 4567.70 | 0.00 | 0.00 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| SLKHFW 17 | 6.12 | 36.24 | 53.39 | 1072.78 | 218.97 | 4567.70 | 0.00 | 0.00 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| SLKVFW 17 | 20.35 | 107.19 | 2392.55 | 9026.63 | 0.00 | 0.00 | 0.00 | 0.00 | 1229.01 | 7310.53 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 4858.19 | 0.00 | 0.00 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLSVFW 17 | 18.84 | 98.79 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SLKHSO 18 | 0.40 | 1.44 | 0.00 | 0.07 | 0.00 | 2.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| SLKHSW 18 | 0.40 | 1.44 | 0.00 | 0.07 | 0.00 | 2.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| SLKVSW 18 | 0.12 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLSVSW 18 | 0.11 | 0.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHFO 19 | 1.67 | 7.57 | 0.15 | 21.28 | 6.26 | 89.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| SLKHFW 19 | 1.67 | 7.57 | 0.15 | 21.28 | 6.26 | 89.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| SLKVFW 19 | 6.05 | 27.82 | 53.39 | 1072.78 | 0.00 | 0.00 | 0.00 | 0.00 | 22.47 | 504.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 0.00 | 0.00 |
| SLSVFW 19 | 5.60 | 25.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| SLBGC 20 | 1.76 | 7.56 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| SLDHC 20 | 0.10 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLCGC 20 | 0.61 | 1.89 | 0.03 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 |
| SLCHC 20 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKGFI 20 | 0.95 | 3.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.00 | 0.00 |
| SLKHFI 20 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHSO 20 | 0.63 | 2.45 | 0.03 | 0.68 | 2.40 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| SLKHCW 20 | 0.05 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVCI 20 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVCW 20 | 0.02 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLMVC 20 | 0.96 | 2.91 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| SLPGC 20 | 1.43 | 4.76 | 0.15 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| SLPHC 20 | 0.14 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPVC 20 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| SLQGC 20 | 1.27 | 4.21 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| SLQVC 20 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| SLRGC 20 | 1.74 | 5.95 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| SLRVC 20 | 0.94 | 2.84 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| SLSVFI 20 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLSVFW 20 | 0.02 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLBGF 21 | 3.47 | 14.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SLKGFI 21 | 4.07 | 16.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| SLKHFI 21 | 0.67 | 2.64 | 0.03 | 0.68 | 2.40 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| SLKHFO 21 | 11.91 | 85.22 | 508.49 | 3104.88 | 908.85 | 14808.5 | 0.00 | 0.00 | 0.00 | 0.00 | 267.51 | 2292.73 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SLKHFW 21 | 11.91 | 85.22 | 508.49 | 3104.88 | 908.85 | 14808.5 | 0.00 | 0.00 | 0.00 | 0.00 | 267.51 | 2292.73 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SLKVFI 21 | 3.27 | 13.61 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 4.94 | 35.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| SLKVFW 21 | 73.77 | 369.39 | 7482.58 | 26410.1 | 0.00 | 0.00 | 0.00 | 0.00 | 5283.04 | 19803.9 | 0.00 | 0.00 | 0.00 | 0.00 | 4722.17 | 16772.8 | 0.00 | 0.00 |
| SLSVFI 21 | 0.82 | 2.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLBGC | 6 | 0.50 | 1.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| SLDHC | 6 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLCGC | 6 | 0.09 | 0.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLCHC | 6 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKGCI | 6 | 0.60 | 2.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.00 | 0.00 |
| SLKHCI | 6 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHSO | 6 | 0.13 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHCW | 6 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVCI | 6 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVCW | 6 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLMVC | 6 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPGC | 6 | 0.22 | 0.72 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPHC | 6 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPVC | 6 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLQGC | 6 | 0.22 | 0.72 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLQVC | 6 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLRGC | 6 | 0.26 | 0.86 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLRVC | 6 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLSVCI | 6 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLSVCW | 6 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLBGC | 7 | 0.50 | 1.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| SLDHC | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLCGC | 7 | 0.07 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLCHC | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKGCI | 7 | 0.60 | 2.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.00 | 0.00 |
| SLKHCI | 7 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHSO | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHCW | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVCI | 7 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVCW | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLMVC | 7 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPGC | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPHC | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPVC | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLQGC | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLQVC | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLRGC | 7 | 0.15 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLRVC | 7 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLSVCI | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLSVCW | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLBGF | 8 | 16.70 | 90.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SLDHC | 8 | 6.61 | 39.92 | 53.39 | 1072.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 31.80 | 495.88 | 1.61 | 335.52 | 0.59 | 51.83 | 0.00 | 0.00 |
| SLCGC | 8 | 15.16 | 74.37 | 508.49 | 3104.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 2295.76 | 0.00 | 0.00 |
| SLCHC | 8 | 4.33 | 23.58 | 1.72 | 1072.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.34 | 335.52 | 0.16 | 51.83 | 0.00 | 0.00 |
| SLKGFI | 8 | 19.67 | 107.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 4858.19 | 0.00 | 0.00 |
| SLKHFI | 8 | 4.04 | 21.70 | 1.72 | 1072.78 | 54.36 | 4567.70 | 0.00 | 0.00 | 0.00 | 0.00 | 5.55 | 495.88 | 0.00 | 0.00 | 0.16 | 51.83 | 0.92 | 179.59 |
| SLKHFO | 8 | 11.91 | 85.22 | 508.49 | 3104.88 | 908.85 | 14808.5 | 0.00 | 0.00 | 0.00 | 0.00 | 267.51 | 2292.73 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SLKHFW | 8 | 22.54 | 201.70 | 2392.55 | 26410.1 | 10186.4 | 116372 | 0.00 | 0.00 | 0.00 | 0.00 | 1435.40 | 14061.0 | 0.00 | 0.00 | 116.38 | 16772.8 | 428.01 | 5459.91 |
| SLKVFI | 8 | 15.55 | 87.46 | 508.49 | 3104.88 | 0.00 | 0.00 | 0.00 | 0.00 | 82.34 | 2245.35 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 2295.76 | 0.00 | 0.00 |
| SLKVFW | 8 | 56.46 | 292.60 | 7482.58 | 26410.1 | 0.00 | 0.00 | 0.00 | 0.00 | 5283.04 | 19803.9 | 0.00 | 0.00 | 0.00 | 0.00 | 4722.17 | 16772.8 | 0.00 | 0.00 |
| SLMVC | 8 | 23.69 | 120.02 | 2392.55 | 9026.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1435.40 | 6598.40 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SLPGC | 8 | 28.22 | 159.64 | 2392.55 | 9026.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SLPHC | 8 | 8.65 | 56.22 | 53.39 | 3104.88 | 0.00 | 0.00 | 111.73 | 2413.14 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 1539.60 | 0.59 | 2295.76 | 0.00 | 0.00 |
| SLPVC | 8 | 29.42 | 150.42 | 2392.55 | 9026.63 | 0.00 | 0.00 | 1900.95 | 7101.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SLQGC | 8 | 27.00 | 151.12 | 2392.55 | 9026.63 | 0.00 | 0.00 | 1900.95 | 7101.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SLQVC | 8 | 28.99 | 148.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SLRGC | 8 | 23.08 | 124.53 | 2392.55 | 9026.63 | 0.00 | 0.00 | 1900.95 | 7101.14 | 0.00 | 0.00 | 1435.40 | 6598.40 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SLRVC | 8 | 23.47 | 118.82 | 2392.55 | 9026.63 | 0.00 | 0.00 | 1900.95 | 7101.14 | 0.00 | 0.00 | 1435.40 | 6598.40 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SLSVCI | 8 | 3.85 | 18.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SLSVCW | 8 | 14.18 | 79.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SLBGC | 9 | 0.25 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLDHC | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLCGC | 9 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLCHC | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKGCI | 9 | 0.31 | 1.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| SLKHCI | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHSO | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHCW | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVCI | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVCW | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLMVC | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPGC | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPHC | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPVC | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLBGC | 1 | 0.10 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLDHC | 1 | 0.10 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLCGC | 1 | 0.10 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLCHC | 1 | 0.10 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKGCI | 1 | 0.10 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHCI | 1 | 0.10 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHSO | 1 | 0.10 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHSO | 1G | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHCW | 1 | 0.10 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVCI | 1 | 0.10 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVCW | 1 | 0.10 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLMVC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPGC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPHC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPVC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLQGC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLQVC | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLRGC | 1 | 0.10 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLRVC | 1 | 0.10 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLSVCI | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLSVCW | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLBGC | 2 | 0.25 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLDHC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLCGC | 2 | 0.03 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLCHC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLMVC | 2 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPGC | 2 | 0.06 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPHC | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPVC | 2 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLQGC | 2 | 0.06 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLQVC | 2 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLRGC | 2 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLRVC | 2 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLSVCI | 2 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLBGF | 4 | 16.70 | 90.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SLDHC | 4 | 6.61 | 39.92 | 53.39 | 1072.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 31.80 | 495.88 | 1.61 | 335.52 | 0.59 | 51.83 | 0.00 | 0.00 |
| SLCGC | 4 | 15.16 | 74.37 | 508.49 | 3104.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 2295.76 | 0.00 | 0.00 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLCHC | 4 | 4.33 | 23.58 | 1.72 | 1072.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.34 | 335.52 | 0.16 | 51.83 | 0.00 | 0.00 |
| SLKGF | 4 | 19.67 | 107.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 4858.19 | 0.00 | 0.00 |
| SLKHFI | 4 | 4.04 | 21.70 | 1.72 | 1072.78 | 54.36 | 4567.70 | 0.00 | 0.00 | 0.00 | 0.00 | 5.55 | 495.88 | 0.00 | 0.00 | 0.16 | 51.83 | 0.92 | 179.59 |
| SLKHFO | 4 | 11.91 | 85.22 | 508.49 | 3104.88 | 908.85 | 14808.5 | 0.00 | 0.00 | 0.00 | 0.00 | 267.51 | 2292.73 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SLKHFW | 4 | 22.54 | 201.70 | 2392.55 | 26410.1 | 10186.4 | 116372 | 0.00 | 0.00 | 0.00 | 0.00 | 1435.40 | 14061.0 | 0.00 | 0.00 | 116.38 | 16772.8 | 428.01 | 5459.91 |
| SLKVFI | 4 | 15.55 | 87.46 | 508.49 | 3104.88 | 0.00 | 0.00 | 0.00 | 0.00 | 82.34 | 2245.35 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 2295.76 | 0.00 | 0.00 |
| SLKVFW | 4 | 56.46 | 292.60 | 7482.58 | 26410.1 | 0.00 | 0.00 | 0.00 | 0.00 | 5283.04 | 19803.9 | 0.00 | 0.00 | 0.00 | 0.00 | 4722.17 | 16772.8 | 0.00 | 0.00 |
| SLMVC | 4 | 23.69 | 120.02 | 2392.55 | 9026.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1435.40 | 6598.40 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SLPGC | 4 | 28.22 | 159.64 | 2392.55 | 9026.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SLPHC | 4 | 8.65 | 56.22 | 53.39 | 3104.88 | 0.00 | 0.00 | 111.73 | 2413.14 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 1539.60 | 0.59 | 2295.76 | 0.00 | 0.00 |
| SLPVC | 4 | 29.42 | 150.42 | 2392.55 | 9026.63 | 0.00 | 0.00 | 1900.95 | 7101.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SLQGC | 4 | 27.00 | 151.12 | 2392.55 | 9026.63 | 0.00 | 0.00 | 1900.95 | 7101.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SLQVC | 4 | 28.99 | 148.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SLRGC | 4 | 23.08 | 124.53 | 2392.55 | 9026.63 | 0.00 | 0.00 | 1900.95 | 7101.14 | 0.00 | 0.00 | 1435.40 | 6598.40 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SLRVC | 4 | 23.47 | 118.82 | 2392.55 | 9026.63 | 0.00 | 0.00 | 1900.95 | 7101.14 | 0.00 | 0.00 | 1435.40 | 6598.40 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SLSVFI | 4 | 3.85 | 18.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SLSVFW | 4 | 14.18 | 79.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SLBGF | 5 | 16.70 | 90.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SLDHC | 5 | 6.61 | 39.92 | 53.39 | 1072.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 31.80 | 495.88 | 1.61 | 335.52 | 0.59 | 51.83 | 0.00 | 0.00 |
| SLCGC | 5 | 15.16 | 74.37 | 508.49 | 3104.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 2295.76 | 0.00 | 0.00 |
| SLCHC | 5 | 4.33 | 23.58 | 1.72 | 1072.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.34 | 335.52 | 0.16 | 51.83 | 0.00 | 0.00 |
| SLKGFI | 5 | 19.67 | 107.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 4858.19 | 0.00 | 0.00 |
| SLKHFI | 5 | 4.04 | 21.70 | 1.72 | 1072.78 | 54.36 | 4567.70 | 0.00 | 0.00 | 0.00 | 0.00 | 5.55 | 495.88 | 0.00 | 0.00 | 0.16 | 51.83 | 0.92 | 179.59 |
| SLKHFO | 5 | 11.91 | 85.22 | 508.49 | 3104.88 | 908.85 | 14808.5 | 0.00 | 0.00 | 0.00 | 0.00 | 267.51 | 2292.73 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SLKHFW | 5 | 22.54 | 201.70 | 2392.55 | 26410.1 | 10186.4 | 116372 | 0.00 | 0.00 | 0.00 | 0.00 | 1435.40 | 14061.0 | 0.00 | 0.00 | 116.38 | 16772.8 | 428.01 | 5459.91 |
| SLKVFI | 5 | 15.55 | 87.46 | 508.49 | 3104.88 | 0.00 | 0.00 | 0.00 | 0.00 | 82.34 | 2245.35 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 2295.76 | 0.00 | 0.00 |
| SLKVFW | 5 | 56.46 | 292.60 | 7482.58 | 26410.1 | 0.00 | 0.00 | 0.00 | 0.00 | 5283.04 | 19803.9 | 0.00 | 0.00 | 0.00 | 0.00 | 4722.17 | 16772.8 | 0.00 | 0.00 |
| SLMVC | 5 | 23.69 | 120.02 | 2392.55 | 9026.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1435.40 | 6598.40 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SLPGC | 5 | 28.22 | 159.64 | 2392.55 | 9026.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SLPHC | 5 | 8.65 | 56.22 | 53.39 | 3104.88 | 0.00 | 0.00 | 111.73 | 2413.14 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 1539.60 | 0.59 | 2295.76 | 0.00 | 0.00 |
| SLPVC | 5 | 29.42 | 150.42 | 2392.55 | 9026.63 | 0.00 | 0.00 | 1900.95 | 7101.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SLQGC | 5 | 27.00 | 151.12 | 2392.55 | 9026.63 | 0.00 | 0.00 | 1900.95 | 7101.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SLQVC | 5 | 28.99 | 148.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SLRGC | 5 | 23.08 | 124.53 | 2392.55 | 9026.63 | 0.00 | 0.00 | 1900.95 | 7101.14 | 0.00 | 0.00 | 1435.40 | 6598.40 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SLRVC | 5 | 23.47 | 118.82 | 2392.55 | 9026.63 | 0.00 | 0.00 | 1900.95 | 7101.14 | 0.00 | 0.00 | 1435.40 | 6598.40 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SLSVFI | 5 | 3.85 | 18.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SLSVFW | 5 | 14.18 | 79.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLPGC 22 | 0.000 | 0.813 | 0.447 | 0.000 | 0.000 | 0.968 | 0.968 | 360 | OP | 0.790 | 2.500 | 0.620 | 1.930 | 0.230 | 0.720 |
| SLPHC 22 | 0.000 | 1.068 | -1.979 | 0.000 | 0.000 | 1.068 | 1.068 | 360 | OP | 0.140 | 0.460 | 0.110 | 0.360 | 0.030 | 0.090 |
| SLPVC 22 | 0.000 | 0.778 | -4.000 | 0.000 | 0.000 | 0.778 | 0.778 | 360 | OP | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| SLQGC 22 | 0.000 | 1.161 | 0.447 | 0.000 | 0.000 | 1.238 | 1.238 | 360 | OP | 1.090 | 3.530 | 0.850 | 2.700 | 0.320 | 1.000 |
| SLQVC 22 | 0.000 | 1.161 | -4.000 | 0.000 | 0.000 | 1.161 | 1.161 | 360 | OP | 1.120 | 3.490 | 0.850 | 2.640 | 0.310 | 0.980 |
| SLRGC 22 | 0.000 | 1.330 | 0.763 | 0.000 | 0.000 | 1.434 | 1.434 | 360 | OP | 1.360 | 4.530 | 1.070 | 3.460 | 0.400 | 1.280 |
| SLRVC 22 | 0.000 | 1.301 | -3.678 | 0.000 | 0.000 | 1.301 | 1.301 | 360 | OP | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| SLSVFI 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVFW 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLBGC 23 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLDHC 23 | 0.000 | 0.778 | -2.187 | 0.000 | 0.000 | 0.778 | 0.778 | 360 | OP | 0.100 | 0.300 | 0.080 | 0.240 | 0.020 | 0.060 |
| SLCGC 23 | 0.000 | 0.204 | -0.264 | 0.000 | 0.000 | 0.331 | 0.331 | 360 | OP | 0.370 | 1.120 | 0.290 | 0.860 | 0.100 | 0.310 |
| SLCHC 23 | 0.000 | 0.505 | -2.187 | 0.000 | 0.000 | 0.506 | 0.506 | 360 | OP | 0.070 | 0.210 | 0.050 | 0.170 | 0.020 | 0.040 |
| SLKGFI 23 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFI 23 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFO 23 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFW 23 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVFI 23 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVFW 23 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLMVC 23 | 0.000 | 1.498 | -3.585 | 0.000 | 0.000 | 1.498 | 1.498 | 360 | OP | 1.640 | 5.390 | 1.250 | 4.060 | 0.470 | 1.480 |
| SLPGC 23 | 0.000 | 0.813 | 0.447 | 0.000 | 0.000 | 0.968 | 0.968 | 360 | OP | 0.790 | 2.500 | 0.620 | 1.930 | 0.230 | 0.720 |
| SLPHC 23 | 0.000 | 1.068 | -1.979 | 0.000 | 0.000 | 1.068 | 1.068 | 360 | OP | 0.140 | 0.460 | 0.110 | 0.360 | 0.030 | 0.090 |
| SLPVC 23 | 0.000 | 0.778 | -4.000 | 0.000 | 0.000 | 0.778 | 0.778 | 360 | OP | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| SLQGC 23 | 0.000 | 1.161 | 0.447 | 0.000 | 0.000 | 1.238 | 1.238 | 360 | OP | 1.090 | 3.530 | 0.850 | 2.700 | 0.320 | 1.000 |
| SLQVC 23 | 0.000 | 1.161 | -4.000 | 0.000 | 0.000 | 1.161 | 1.161 | 360 | OP | 1.120 | 3.490 | 0.850 | 2.640 | 0.310 | 0.980 |
| SLRGC 23 | 0.000 | 1.330 | 0.763 | 0.000 | 0.000 | 1.434 | 1.434 | 360 | OP | 1.360 | 4.530 | 1.070 | 3.460 | 0.400 | 1.280 |
| SLRVC 23 | 0.000 | 1.301 | -3.678 | 0.000 | 0.000 | 1.301 | 1.301 | 360 | OP | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| SLSVCI 23 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVSW 23 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFO 24 | 3.230 | 0.000 | 0.000 | 0.549 | 0.523 | 0.549 | 0.523 | 120 | OP | 0.070 | 0.210 | 0.060 | 0.170 | 0.020 | 0.040 |
| SLBGC 25 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLDHC 25 | 0.000 | 0.778 | -2.187 | 0.000 | 0.000 | 0.778 | 0.778 | 120 | OP | 0.100 | 0.300 | 0.080 | 0.240 | 0.020 | 0.060 |
| SLCGC 25 | 0.000 | 0.204 | -0.264 | 0.000 | 0.000 | 0.331 | 0.331 | 120 | OP | 0.370 | 1.120 | 0.290 | 0.860 | 0.100 | 0.310 |
| SLCHC 25 | 0.000 | 0.505 | -2.187 | 0.000 | 0.000 | 0.506 | 0.506 | 120 | OP | 0.070 | 0.210 | 0.050 | 0.170 | 0.020 | 0.040 |
| SLKGC 25 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHC 25 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVC 25 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLMVC 25 | 0.000 | 1.498 | -3.585 | 0.000 | 0.000 | 1.498 | 1.498 | 120 | OP | 1.640 | 5.390 | 1.250 | 4.060 | 0.470 | 1.480 |
| SLPGC 25 | 0.000 | 0.813 | 0.447 | 0.000 | 0.000 | 0.968 | 0.968 | 120 | OP | 0.790 | 2.500 | 0.620 | 1.930 | 0.230 | 0.720 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLPHC 25 | 0.000 | 1.068 | -1.979 | 0.000 | 0.000 | 1.068 | 1.068 | 120 | OP | 0.140 | 0.460 | 0.110 | 0.360 | 0.030 | 0.090 |
| SLPVC 25 | 0.000 | 0.778 | -4.000 | 0.000 | 0.000 | 0.778 | 0.778 | 120 | OP | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| SLQGC 25 | 0.000 | 1.161 | 0.447 | 0.000 | 0.000 | 1.238 | 1.238 | 120 | OP | 1.090 | 3.530 | 0.850 | 2.700 | 0.320 | 1.000 |
| SLQVC 25 | 0.000 | 1.161 | -4.000 | 0.000 | 0.000 | 1.161 | 1.161 | 120 | OP | 1.120 | 3.490 | 0.850 | 2.640 | 0.310 | 0.980 |
| SLRGC 25 | 0.000 | 1.330 | 0.763 | 0.000 | 0.000 | 1.434 | 1.434 | 120 | OP | 1.360 | 4.530 | 1.070 | 3.460 | 0.400 | 1.280 |
| SLRVC 25 | 0.000 | 1.301 | -3.678 | 0.000 | 0.000 | 1.301 | 1.301 | 120 | OP | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |
| SLSVS 25 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVFWA26 | 0.000 | 0.000 | 4.875 | 0.000 | 0.000 | 4.875 | 4.875 | 360 | OP | 45.380 | 304.210 | 31.770 | 228.070 | 13.770 | 88.930 |
| SLKVCWB26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 360 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVFWC26 | 0.000 | 0.000 | 2.301 | 0.000 | 0.000 | 2.301 | 2.301 | 360 | OP | 2.280 | 11.530 | 1.710 | 8.130 | 0.630 | 2.450 |
| SLKVFWD26 | 0.000 | 0.000 | 4.875 | 0.000 | 0.000 | 4.875 | 4.875 | 360 | OP | 45.380 | 304.210 | 31.770 | 228.070 | 13.770 | 88.930 |
| SLKVCWE26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 360 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVFWA27 | 0.000 | 0.000 | 3.653 | 0.000 | 0.000 | 3.653 | 3.653 | 360 | OP | 10.910 | 74.030 | 8.070 | 52.280 | 3.190 | 15.860 |
| SLSVFWB27 | 0.000 | 0.000 | 3.653 | 0.000 | 0.000 | 3.653 | 3.653 | 360 | OP | 10.910 | 74.030 | 8.070 | 52.280 | 3.190 | 15.860 |
| SLSVFWC27 | 0.000 | 0.000 | 3.954 | 0.000 | 0.000 | 3.954 | 3.954 | 360 | OP | 15.470 | 108.040 | 11.330 | 76.930 | 4.570 | 24.140 |
| SLSVFWD27 | 0.000 | 0.000 | 3.653 | 0.000 | 0.000 | 3.653 | 3.653 | 360 | OP | 10.910 | 74.030 | 8.070 | 52.280 | 3.190 | 15.860 |
| SLSVFWE27 | 0.000 | 0.000 | 3.653 | 0.000 | 0.000 | 3.653 | 3.653 | 360 | OP | 10.910 | 74.030 | 8.070 | 52.280 | 3.190 | 15.860 |
| SLSVFWF27 | 0.000 | 0.000 | 3.954 | 0.000 | 0.000 | 3.954 | 3.954 | 360 | OP | 15.470 | 108.040 | 11.330 | 76.930 | 4.570 | 24.140 |
| SLKHFWA28 | 0.000 | 0.000 | 5.431 | 0.000 | 0.000 | 5.431 | 5.431 | 360 | OP | 22.560 | 202.000 | 18.490 | 161.920 | 6.890 | 41.390 |
| SLKHFWB28 | 0.000 | 0.000 | 5.732 | 0.000 | 0.000 | 5.732 | 5.732 | 360 | OP | 30.830 | 314.000 | 25.280 | 259.880 | 9.750 | 63.760 |
| SLKHFWC28 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 360 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHCWD28 | 0.000 | 0.000 | 5.431 | 0.000 | 0.000 | 5.431 | 5.431 | 360 | OP | 22.560 | 202.000 | 18.490 | 161.920 | 6.890 | 41.390 |
| SLKHFWE28 | 0.000 | 0.000 | 5.431 | 0.000 | 0.000 | 5.431 | 5.431 | 360 | OP | 22.560 | 202.000 | 18.490 | 161.920 | 6.890 | 41.390 |
| SLKHFWF28 | 0.000 | 0.000 | 5.732 | 0.000 | 0.000 | 5.732 | 5.732 | 360 | OP | 30.830 | 314.000 | 25.280 | 259.880 | 9.750 | 63.760 |
| SLKHFWG28 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 360 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHCWH28 | 0.000 | 0.000 | 5.431 | 0.000 | 0.000 | 5.431 | 5.431 | 0 | OP | 22.560 | 202.000 | 18.490 | 161.920 | 6.890 | 41.390 |
| SLKHFWI28 | 0.000 | 0.000 | 5.732 | 0.000 | 0.000 | 5.732 | 5.732 | 0 | OP | 30.830 | 314.000 | 25.280 | 259.880 | 9.750 | 63.760 |
| SLKHFWJ28 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 360 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFWK28 | 0.000 | 0.000 | 5.431 | 0.000 | 0.000 | 5.431 | 5.431 | 360 | OP | 22.560 | 202.000 | 18.490 | 161.920 | 6.890 | 41.390 |
| SLKHFWL28 | 0.000 | 0.000 | 5.732 | 0.000 | 0.000 | 5.732 | 5.732 | 360 | OP | 30.830 | 314.000 | 25.280 | 259.880 | 9.750 | 63.760 |
| SLKHFWM28 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 360 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFWN28 | 0.000 | 0.000 | 5.431 | 0.000 | 0.000 | 5.431 | 5.431 | 360 | OP | 22.560 | 202.000 | 18.490 | 161.920 | 6.890 | 41.390 |
| SLKHFWO28 | 0.000 | 0.000 | 5.732 | 0.000 | 0.000 | 5.732 | 5.732 | 360 | OP | 30.830 | 314.000 | 25.280 | 259.880 | 9.750 | 63.760 |
| SLKHFWP28 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 360 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFWQ28 | 0.000 | 0.000 | 5.732 | 0.000 | 0.000 | 5.732 | 5.732 | 360 | OP | 30.830 | 314.000 | 25.280 | 259.880 | 9.750 | 63.760 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLKHFO 15 | 0.000 | 0.000 | 3.708 | 0.000 | 0.000 | 3.708 | 3.708 | 30 | OP | 3.380 | 17.450 | 2.750 | 13.000 | 0.890 | 3.560 |
| SLKHFW 15 | 0.000 | 0.000 | 5.430 | 0.000 | 0.000 | 5.430 | 5.430 | 30 | OP | 22.540 | 201.700 | 18.470 | 161.670 | 6.880 | 41.330 |
| SLKVFI 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVFW 15 | 0.000 | 0.000 | 4.873 | 0.000 | 0.000 | 4.873 | 4.873 | 30 | OP | 57.390 | 296.600 | 41.930 | 231.890 | 20.140 | 97.430 |
| SLSVFI 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVFW 15 | 0.000 | 0.000 | 3.308 | 0.000 | 0.000 | 3.308 | 3.308 | 30 | OP | 10.750 | 53.480 | 8.210 | 38.890 | 3.440 | 13.050 |
| SLBGC 16 | 0.000 | 0.000 | 1.709 | 0.000 | 0.000 | 1.709 | 1.709 | 240 | OP | 0.940 | 3.680 | 0.710 | 2.710 | 0.260 | 0.870 |
| SLDHC 16 | 0.000 | 3.141 | -0.699 | 0.000 | 0.000 | 3.141 | 3.141 | 240 | OP | 1.750 | 7.950 | 1.410 | 5.950 | 0.440 | 1.600 |
| SLCGC 16 | 0.000 | 2.465 | 1.709 | 0.000 | 0.000 | 2.535 | 2.535 | 240 | OP | 4.690 | 18.380 | 3.590 | 13.690 | 1.450 | 4.810 |
| SLCHC 16 | 0.000 | 2.766 | -0.699 | 0.000 | 0.000 | 2.766 | 2.766 | 240 | OP | 1.120 | 4.740 | 0.900 | 3.570 | 0.280 | 0.940 |
| SLKGC 16 | 0.000 | 0.000 | 1.709 | 0.000 | 0.000 | 1.709 | 1.709 | 240 | OP | 0.940 | 3.680 | 0.710 | 2.710 | 0.260 | 0.870 |
| SLKHCI 16 | 0.000 | 0.000 | -0.699 | 0.000 | 0.000 | -0.699 | -0.699 | 240 | OP | 0.010 | 0.040 | 0.010 | 0.030 | 0.000 | 0.010 |
| SLKHSO 16 | 5.531 | 0.000 | 0.000 | 2.921 | 2.907 | 2.921 | 2.907 | 240 | OP | 1.350 | 5.760 | 1.090 | 4.330 | 0.340 | 1.150 |
| SLKHSW 16 | 5.531 | 0.000 | 0.000 | 2.921 | 2.907 | 2.921 | 2.907 | 240 | OP | 1.350 | 5.760 | 1.090 | 4.330 | 0.340 | 1.150 |
| SLKVCI 16 | 0.000 | 0.000 | -2.666 | 0.000 | 0.000 | -2.666 | -2.666 | 240 | OP | 0.010 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| SLKVSW 16 | 5.505 | 0.000 | 0.000 | 0.689 | 0.838 | 0.689 | 0.838 | 240 | OP | 0.430 | 1.830 | 0.320 | 1.330 | 0.110 | 0.440 |
| SLMVC 16 | 0.000 | 3.285 | -2.666 | 0.000 | 0.000 | 3.285 | 3.285 | 240 | OP | 11.050 | 51.460 | 8.350 | 37.720 | 3.560 | 12.590 |
| SLPGC 16 | 0.000 | 3.128 | 1.709 | 0.000 | 0.000 | 3.144 | 3.144 | 240 | OP | 8.900 | 39.180 | 6.790 | 28.970 | 2.870 | 9.940 |
| SLPHC 16 | 0.000 | 3.384 | -0.699 | 0.000 | 0.000 | 3.384 | 3.384 | 240 | OP | 2.320 | 11.130 | 1.880 | 8.300 | 0.600 | 2.250 |
| SLPVC 16 | 0.000 | 3.094 | -2.666 | 0.000 | 0.000 | 3.094 | 3.094 | 240 | OP | 9.050 | 40.820 | 6.860 | 29.940 | 2.880 | 10.020 |
| SLQGC 16 | 0.000 | 3.079 | 1.709 | 0.000 | 0.000 | 3.097 | 3.097 | 240 | OP | 8.480 | 36.980 | 6.470 | 27.350 | 2.730 | 9.400 |
| SLQVC 16 | 0.000 | 3.079 | -2.666 | 0.000 | 0.000 | 3.079 | 3.079 | 240 | OP | 8.910 | 40.080 | 6.760 | 29.400 | 2.840 | 9.840 |
| SLRGC 16 | 0.000 | 3.306 | 1.709 | 0.000 | 0.000 | 3.317 | 3.317 | 240 | OP | 10.610 | 48.350 | 8.100 | 35.750 | 3.480 | 12.240 |
| SLRVC 16 | 0.000 | 3.276 | -2.666 | 0.000 | 0.000 | 3.276 | 3.276 | 240 | OP | 10.940 | 50.900 | 8.270 | 37.310 | 3.520 | 12.460 |
| SLSVCI 16 | 0.000 | 0.000 | -2.666 | 0.000 | 0.000 | -2.666 | -2.666 | 240 | OP | 0.010 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| SLSVSW 16 | 5.433 | 0.000 | 0.000 | 0.624 | 0.775 | 0.624 | 0.775 | 240 | OP | 0.400 | 1.670 | 0.300 | 1.220 | 0.100 | 0.410 |
| SLKHFO 17 | 0.000 | 0.000 | 4.230 | 0.000 | 0.000 | 4.230 | 4.230 | 30 | OP | 6.120 | 36.240 | 4.990 | 27.150 | 1.670 | 7.460 |
| SLKHFW 17 | 0.000 | 0.000 | 4.230 | 0.000 | 0.000 | 4.230 | 4.230 | 30 | OP | 6.120 | 36.240 | 4.990 | 27.150 | 1.670 | 7.460 |
| SLKVFW 17 | 0.000 | 0.000 | 3.903 | 0.000 | 0.000 | 3.903 | 3.903 | 30 | OP | 20.350 | 107.190 | 15.380 | 78.930 | 6.780 | 27.560 |
| SLSVFW 17 | 0.000 | 0.000 | 3.831 | 0.000 | 0.000 | 3.831 | 3.831 | 30 | OP | 18.840 | 98.790 | 14.260 | 72.570 | 6.250 | 25.150 |
| SLKHSO 18 | 4.407 | 0.000 | 0.000 | 1.910 | 1.904 | 1.910 | 1.904 | 240 | OP | 0.400 | 1.440 | 0.320 | 1.120 | 0.090 | 0.280 |
| SLKHSW 18 | 4.407 | 0.000 | 0.000 | 1.910 | 1.904 | 1.910 | 1.904 | 240 | OP | 0.400 | 1.440 | 0.320 | 1.120 | 0.090 | 0.280 |
| SLKVSW 18 | 4.380 | 0.000 | 0.000 | -0.324 | -0.168 | -0.324 | -0.168 | 240 | OP | 0.120 | 0.460 | 0.090 | 0.330 | 0.030 | 0.110 |
| SLSVSW 18 | 4.308 | 0.000 | 0.000 | -0.389 | -0.233 | -0.389 | -0.233 | 240 | OP | 0.110 | 0.420 | 0.080 | 0.300 | 0.030 | 0.100 |
| SLKHFO 19 | 0.000 | 0.000 | 3.106 | 0.000 | 0.000 | 3.106 | 3.106 | 30 | OP | 1.670 | 7.570 | 1.360 | 5.670 | 0.420 | 1.520 |
| SLKHFW 19 | 0.000 | 0.000 | 3.106 | 0.000 | 0.000 | 3.106 | 3.106 | 30 | OP | 1.670 | 7.570 | 1.360 | 5.670 | 0.420 | 1.520 |
| SLKVFW 19 | 0.000 | 0.000 | 2.778 | 0.000 | 0.000 | 2.778 | 2.778 | 30 | OP | 6.050 | 27.820 | 4.640 | 20.220 | 1.870 | 6.760 |
| SLSVFW 19 | 0.000 | 0.000 | 2.706 | 0.000 | 0.000 | 2.706 | 2.706 | 30 | OP | 5.600 | 25.400 | 4.290 | 18.470 | 1.720 | 6.180 |
| SLBGC 20 | 0.000 | 0.000 | 2.238 | 0.000 | 0.000 | 2.238 | 2.238 | 240 | OP | 1.760 | 7.560 | 1.330 | 5.550 | 0.490 | 1.760 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLDHC 20 | 0.000 | 0.778 | -1.223 | 0.000 | 0.000 | 0.782 | 0.782 | 240 | OP | 0.100 | 0.310 | 0.080 | 0.240 | 0.020 | 0.060 |
| SLCGC 20 | 0.000 | 0.204 | 0.599 | 0.000 | 0.000 | 0.746 | 0.746 | 240 | OP | 0.610 | 1.890 | 0.480 | 1.460 | 0.170 | 0.540 |
| SLCHC 20 | 0.000 | 0.505 | -1.324 | 0.000 | 0.000 | 0.511 | 0.511 | 240 | OP | 0.070 | 0.210 | 0.060 | 0.170 | 0.020 | 0.040 |
| SLKGFI 20 | 0.000 | 0.000 | 1.724 | 0.000 | 0.000 | 1.724 | 1.724 | 240 | OP | 0.950 | 3.760 | 0.720 | 2.770 | 0.260 | 0.890 |
| SLKHFI 20 | 0.000 | 0.000 | -0.889 | 0.000 | 0.000 | -0.889 | -0.889 | 240 | OP | 0.010 | 0.030 | 0.010 | 0.020 | 0.000 | 0.010 |
| SLKHSO 20 | 4.833 | 0.000 | 0.000 | 2.293 | 2.289 | 2.293 | 2.289 | 240 | OP | 0.630 | 2.450 | 0.510 | 1.880 | 0.150 | 0.480 |
| SLKHCW 20 | 0.000 | 0.000 | 0.301 | 0.000 | 0.000 | 0.301 | 0.301 | 240 | OP | 0.050 | 0.160 | 0.040 | 0.120 | 0.010 | 0.030 |
| SLKVCI 20 | 0.000 | 0.000 | -2.650 | 0.000 | 0.000 | -2.650 | -2.650 | 240 | OP | 0.010 | 0.030 | 0.000 | 0.010 | 0.000 | 0.000 |
| SLKVCW 20 | 0.000 | 0.000 | -1.666 | 0.000 | 0.000 | -1.666 | -1.666 | 240 | OP | 0.020 | 0.070 | 0.020 | 0.050 | 0.010 | 0.010 |
| SLMVC 20 | 0.000 | 1.021 | -2.903 | 0.000 | 0.000 | 1.021 | 1.021 | 240 | OP | 0.960 | 2.910 | 0.730 | 2.210 | 0.260 | 0.820 |
| SLPGC 20 | 0.000 | 0.813 | 1.365 | 0.000 | 0.000 | 1.472 | 1.472 | 240 | OP | 1.430 | 4.760 | 1.120 | 3.630 | 0.420 | 1.340 |
| SLPHC 20 | 0.000 | 1.068 | -1.061 | 0.000 | 0.000 | 1.071 | 1.071 | 240 | OP | 0.140 | 0.460 | 0.110 | 0.360 | 0.030 | 0.090 |
| SLPVC 20 | 0.000 | 0.778 | -3.060 | 0.000 | 0.000 | 0.778 | 0.778 | 240 | OP | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| SLQGC 20 | 0.000 | 1.161 | 0.967 | 0.000 | 0.000 | 1.376 | 1.376 | 240 | OP | 1.270 | 4.210 | 1.000 | 3.220 | 0.380 | 1.190 |
| SLQVC 20 | 0.000 | 1.161 | -3.456 | 0.000 | 0.000 | 1.161 | 1.161 | 240 | OP | 1.120 | 3.490 | 0.850 | 2.640 | 0.310 | 0.980 |
| SLRGC 20 | 0.000 | 1.029 | 1.528 | 0.000 | 0.000 | 1.648 | 1.648 | 240 | OP | 1.740 | 5.950 | 1.360 | 4.520 | 0.520 | 1.660 |
| SLRVC 20 | 0.000 | 1.000 | -2.917 | 0.000 | 0.000 | 1.000 | 1.000 | 240 | OP | 0.940 | 2.840 | 0.710 | 2.150 | 0.260 | 0.800 |
| SLSVFI 20 | 0.000 | 0.000 | -3.796 | 0.000 | 0.000 | -3.796 | -3.796 | 240 | OP | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVFW 20 | 0.000 | 0.000 | -1.666 | 0.000 | 0.000 | -1.666 | -1.666 | 240 | OP | 0.020 | 0.070 | 0.020 | 0.050 | 0.010 | 0.010 |
| SLBGF 21 | 0.000 | 0.000 | 2.649 | 0.000 | 0.000 | 2.649 | 2.649 | 30 | OP | 3.470 | 14.120 | 2.710 | 10.530 | 1.050 | 3.540 |
| SLKGFI 21 | 0.000 | 0.000 | 2.793 | 0.000 | 0.000 | 2.793 | 2.793 | 30 | OP | 4.070 | 16.880 | 3.180 | 12.590 | 1.250 | 4.230 |
| SLKHFI 21 | 0.000 | 0.000 | 2.341 | 0.000 | 0.000 | 2.341 | 2.341 | 30 | OP | 0.670 | 2.640 | 0.540 | 2.010 | 0.160 | 0.520 |
| SLKHFO 21 | 0.000 | 0.000 | 4.833 | 0.000 | 0.000 | 4.833 | 4.833 | 30 | OP | 11.910 | 85.220 | 9.740 | 65.340 | 3.420 | 17.600 |
| SLKHFW 21 | 0.000 | 0.000 | 4.833 | 0.000 | 0.000 | 4.833 | 4.833 | 30 | OP | 11.910 | 85.220 | 9.740 | 65.340 | 3.420 | 17.600 |
| SLKVFI 21 | 0.000 | 0.000 | 2.219 | 0.000 | 0.000 | 2.219 | 2.219 | 30 | OP | 3.270 | 13.610 | 2.510 | 9.950 | 0.970 | 3.380 |
| SLKVFW 21 | 0.000 | 0.000 | 5.107 | 0.000 | 0.000 | 5.107 | 5.107 | 30 | OP | 73.770 | 369.390 | 53.270 | 295.750 | 26.130 | 133.710 |
| SLSVFI 21 | 0.000 | 0.000 | 1.007 | 0.000 | 0.000 | 1.007 | 1.007 | 30 | OP | 0.820 | 2.760 | 0.620 | 2.050 | 0.220 | 0.730 |
| SLSVFW 21 | 0.000 | 0.000 | 4.734 | 0.000 | 0.000 | 4.734 | 4.734 | 30 | OP | 49.460 | 259.000 | 36.360 | 200.020 | 17.250 | 80.930 |
| SLBGC 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLDHC 22 | 0.000 | 0.778 | -2.187 | 0.000 | 0.000 | 0.778 | 0.778 | 360 | OP | 0.100 | 0.300 | 0.080 | 0.240 | 0.020 | 0.060 |
| SLCGC 22 | 0.000 | 0.204 | -0.264 | 0.000 | 0.000 | 0.331 | 0.331 | 360 | OP | 0.370 | 1.120 | 0.290 | 0.860 | 0.100 | 0.310 |
| SLCHC 22 | 0.000 | 0.505 | -2.187 | 0.000 | 0.000 | 0.506 | 0.506 | 360 | OP | 0.070 | 0.210 | 0.050 | 0.170 | 0.020 | 0.040 |
| SLKGSI 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHSI 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHSO 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHSW 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVSI 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVSW 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLMVC 22 | 0.000 | 1.498 | -3.585 | 0.000 | 0.000 | 1.498 | 1.498 | 360 | OP | 1.640 | 5.390 | 1.250 | 4.060 | 0.470 | 1.480 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLKGCI | 6 | 0.000 | 0.000 | 1.569 | 0.000 | 0.000 | 1.569 | 1.569 | 360 | OP | 0.600 | 2.320 | 0.460 | 1.700 | 0.160 | 0.540 |
| SLKHCI | 6 | 0.000 | 0.000 | -0.842 | 0.000 | 0.000 | -0.842 | -0.842 | 360 | OP | 0.010 | 0.030 | 0.010 | 0.020 | 0.000 | 0.010 |
| SLKHSO | 6 | 3.230 | 0.000 | 0.000 | 1.026 | 1.000 | 1.026 | 1.000 | 360 | OP | 0.130 | 0.410 | 0.110 | 0.330 | 0.030 | 0.080 |
| SLKHCW | 6 | 0.000 | 0.000 | -0.842 | 0.000 | 0.000 | -0.842 | -0.842 | 360 | OP | 0.010 | 0.030 | 0.010 | 0.020 | 0.000 | 0.010 |
| SLKVCI | 6 | 0.000 | 0.000 | -2.796 | 0.000 | 0.000 | -2.796 | -2.796 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| SLKVCW | 6 | 0.000 | 0.000 | -2.796 | 0.000 | 0.000 | -2.796 | -2.796 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| SLMVC | 6 | 0.000 | 0.000 | -3.638 | 0.000 | 0.000 | -3.638 | -3.638 | 360 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| SLPGC | 6 | 0.000 | 0.000 | 0.748 | 0.000 | 0.000 | 0.748 | 0.748 | 360 | OP | 0.220 | 0.720 | 0.170 | 0.530 | 0.060 | 0.180 |
| SLPHC | 6 | 0.000 | 0.000 | -1.658 | 0.000 | 0.000 | -1.658 | -1.658 | 360 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| SLPVC | 6 | 0.000 | 0.000 | -3.658 | 0.000 | 0.000 | -3.658 | -3.658 | 360 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| SLQGC | 6 | 0.000 | 0.000 | 0.748 | 0.000 | 0.000 | 0.748 | 0.748 | 360 | OP | 0.220 | 0.720 | 0.170 | 0.530 | 0.060 | 0.180 |
| SLQVC | 6 | 0.000 | 0.000 | -3.658 | 0.000 | 0.000 | -3.658 | -3.658 | 360 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| SLRGC | 6 | 0.000 | 0.000 | 0.877 | 0.000 | 0.000 | 0.877 | 0.877 | 360 | OP | 0.260 | 0.860 | 0.200 | 0.640 | 0.070 | 0.210 |
| SLRVC | 6 | 0.000 | 0.000 | -3.553 | 0.000 | 0.000 | -3.553 | -3.553 | 360 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| SLSVCI | 6 | 0.000 | 0.000 | -2.796 | 0.000 | 0.000 | -2.796 | -2.796 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| SLSVCW | 6 | 0.000 | 0.000 | -2.796 | 0.000 | 0.000 | -2.796 | -2.796 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| SLBGC | 7 | 0.000 | 0.000 | 1.408 | 0.000 | 0.000 | 1.408 | 1.408 | 360 | OP | 0.500 | 1.840 | 0.380 | 1.360 | 0.130 | 0.430 |
| SLDHC | 7 | 0.000 | 0.000 | -2.108 | 0.000 | 0.000 | -2.108 | -2.108 | 360 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCGC | 7 | 0.000 | 0.000 | -0.185 | 0.000 | 0.000 | -0.185 | -0.185 | 360 | OP | 0.070 | 0.200 | 0.050 | 0.150 | 0.020 | 0.050 |
| SLCHC | 7 | 0.000 | 0.000 | -2.684 | 0.000 | 0.000 | -2.684 | -2.684 | 360 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKGCI | 7 | 0.000 | 0.000 | 1.569 | 0.000 | 0.000 | 1.569 | 1.569 | 360 | OP | 0.600 | 2.320 | 0.460 | 1.700 | 0.160 | 0.540 |
| SLKHCI | 7 | 0.000 | 0.000 | -0.842 | 0.000 | 0.000 | -0.842 | -0.842 | 360 | OP | 0.010 | 0.030 | 0.010 | 0.020 | 0.000 | 0.010 |
| SLKHSO | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHCW | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVCI | 7 | 0.000 | 0.000 | -2.796 | 0.000 | 0.000 | -2.796 | -2.796 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| SLKVCW | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLMVC | 7 | 0.000 | 0.000 | -4.000 | 0.000 | 0.000 | -4.000 | -4.000 | 360 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| SLPGC | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPHC | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPVC | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQGC | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQVC | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRGC | 7 | 0.000 | 0.000 | 0.428 | 0.000 | 0.000 | 0.428 | 0.428 | 360 | OP | 0.150 | 0.460 | 0.110 | 0.340 | 0.040 | 0.110 |
| SLRVC | 7 | 0.000 | 0.000 | -4.000 | 0.000 | 0.000 | -4.000 | -4.000 | 360 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| SLSVCI | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVCW | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLBGF | 8 | 0.000 | 0.000 | 4.172 | 0.000 | 0.000 | 4.172 | 4.172 | 60 | OP | 16.700 | 90.340 | 12.130 | 68.520 | 5.150 | 22.540 |
| SLDHC | 8 | 0.000 | 4.238 | 3.414 | 0.000 | 0.000 | 4.299 | 4.299 | 20 | OP | 6.610 | 39.920 | 5.390 | 29.960 | 1.810 | 8.220 |
| SLCGC | 8 | 0.000 | 3.562 | 3.039 | 0.000 | 0.000 | 3.676 | 3.676 | 20 | OP | 15.160 | 74.370 | 11.620 | 55.160 | 5.160 | 18.940 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | LOG OF EVAPORATED QUANTITY(LB) VAPOR | WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLCHC | 8 | 0.000 | 3.863 | 3.039 | 0.000 | 0.000 | 3.924 | 3.924 | 20 | OP | 4.330 | 23.580 | 3.520 | 17.580 | 1.150 | 4.830 |
| SLKGFI | 8 | 0.000 | 0.000 | 4.316 | 0.000 | 0.000 | 4.316 | 4.316 | 60 | OP | 19.670 | 107.200 | 14.190 | 81.890 | 6.090 | 27.370 |
| SLKHFI | 8 | 0.000 | 0.000 | 3.864 | 0.000 | 0.000 | 3.864 | 3.864 | 60 | OP | 4.040 | 21.700 | 3.290 | 16.170 | 1.070 | 4.440 |
| SLKHFO | 8 | 0.000 | 0.000 | 4.833 | 0.000 | 0.000 | 4.833 | 4.833 | 60 | OP | 11.910 | 85.220 | 9.740 | 65.340 | 3.420 | 17.600 |
| SLKHFW | 8 | 0.000 | 0.000 | 5.430 | 0.000 | 0.000 | 5.430 | 5.430 | 60 | OP | 22.540 | 201.700 | 18.470 | 161.670 | 6.880 | 41.330 |
| SLKVFI | 8 | 0.000 | 0.000 | 3.742 | 0.000 | 0.000 | 3.742 | 3.742 | 60 | OP | 15.550 | 87.460 | 11.180 | 64.980 | 4.610 | 21.610 |
| SLKVFW | 8 | 0.000 | 0.000 | 4.873 | 0.000 | 0.000 | 4.873 | 4.873 | 60 | OP | 56.460 | 292.600 | 38.390 | 235.660 | 17.570 | 98.190 |
| SLMVC | 8 | 0.000 | 3.984 | 2.859 | 0.000 | 0.000 | 4.015 | 4.015 | 20 | OP | 23.690 | 120.020 | 17.510 | 88.970 | 7.880 | 30.710 |
| SLPGC | 8 | 0.000 | 4.225 | 3.702 | 0.000 | 0.000 | 4.339 | 4.339 | 20 | OP | 28.220 | 159.640 | 22.200 | 121.060 | 10.550 | 43.480 |
| SLPHC | 8 | 0.000 | 4.480 | 3.657 | 0.000 | 0.000 | 4.541 | 4.541 | 20 | OP | 8.650 | 56.220 | 7.070 | 42.520 | 2.420 | 11.600 |
| SLPVC | 8 | 0.000 | 4.190 | 3.066 | 0.000 | 0.000 | 4.221 | 4.221 | 20 | OP | 29.420 | 150.420 | 21.560 | 112.400 | 9.840 | 39.760 |
| SLQGC | 8 | 0.000 | 4.176 | 3.653 | 0.000 | 0.000 | 4.290 | 4.290 | 20 | OP | 27.000 | 151.120 | 21.180 | 114.310 | 10.010 | 40.840 |
| SLQVC | 8 | 0.000 | 4.176 | 3.051 | 0.000 | 0.000 | 4.207 | 4.207 | 20 | OP | 28.990 | 148.150 | 21.250 | 110.630 | 9.690 | 39.060 |
| SLRGC | 8 | 0.000 | 4.005 | 3.482 | 0.000 | 0.000 | 4.119 | 4.119 | 20 | OP | 23.080 | 124.530 | 17.960 | 93.480 | 8.330 | 32.860 |
| SLRVC | 8 | 0.000 | 3.975 | 2.850 | 0.000 | 0.000 | 4.006 | 4.006 | 20 | OP | 23.470 | 118.820 | 17.350 | 88.060 | 7.810 | 30.370 |
| SLSVCI | 8 | 0.000 | 0.000 | 2.530 | 0.000 | 0.000 | 2.530 | 2.530 | 60 | OP | 3.850 | 18.900 | 2.860 | 13.700 | 1.090 | 4.350 |
| SLSVCW | 8 | 0.000 | 0.000 | 3.661 | 0.000 | 0.000 | 3.661 | 3.661 | 60 | OP | 14.180 | 79.460 | 10.220 | 58.850 | 4.190 | 19.410 |
| SLBGC | 9 | 0.000 | 0.000 | 0.629 | 0.000 | 0.000 | 0.629 | 0.629 | 60 | OP | 0.250 | 0.830 | 0.190 | 0.610 | 0.060 | 0.200 |
| SLDHC | 9 | 0.000 | 0.000 | -2.886 | 0.000 | 0.000 | -2.886 | -2.886 | 60 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCGC | 9 | 0.000 | 0.000 | -0.963 | 0.000 | 0.000 | -0.963 | -0.963 | 60 | OP | 0.030 | 0.090 | 0.020 | 0.070 | 0.010 | 0.020 |
| SLCHC | 9 | 0.000 | 0.000 | -2.886 | 0.000 | 0.000 | -2.886 | -2.886 | 60 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKGCI | 9 | 0.000 | 0.000 | 0.806 | 0.000 | 0.000 | 0.806 | 0.806 | 60 | OP | 0.310 | 1.060 | 0.230 | 0.780 | 0.080 | 0.260 |
| SLKHCI | 9 | 0.000 | 0.000 | -1.602 | 0.000 | 0.000 | -1.602 | -1.602 | 60 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| SLKHSO | 9 | 0.000 | 0.000 | -1.602 | 0.000 | 0.000 | -1.602 | -1.602 | 60 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| SLKHCW | 9 | 0.000 | 0.000 | -1.602 | 0.000 | 0.000 | -1.602 | -1.602 | 60 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| SLKVCI | 9 | 0.000 | 0.000 | -4.770 | 0.000 | 0.000 | -4.770 | -4.770 | 60 | OP | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVCW | 9 | 0.000 | 0.000 | -4.770 | 0.000 | 0.000 | -4.770 | -4.770 | 60 | OP | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLMVC | 9 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | OP | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPGC | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPHC | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPVC | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQGC | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQVC | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRGC | 9 | 0.000 | 0.000 | -0.351 | 0.000 | 0.000 | -0.351 | -0.351 | 60 | OP | 0.070 | 0.210 | 0.050 | 0.160 | 0.020 | 0.050 |
| SLRVC | 9 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | OP | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVCI | 9 | 0.000 | 0.000 | -3.569 | 0.000 | 0.000 | -3.569 | -3.569 | 60 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| SLSVCW | 9 | 0.000 | 0.000 | -3.569 | 0.000 | 0.000 | -3.569 | -3.569 | 60 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| SLKGFI | 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFI | 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | LOG OF EVAPORATED QUANTITY(LB) VAPOR | WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLBGC | 1 | 0.000 | 0.000 | 1.681 | 0.000 | 0.000 | 1.681 | 1.681 | 129600 | OP | 0.100 | 0.100 | 0.050 | 0.050 | 0.020 | 0.020 |
| SLDHC | 1 | 0.000 | 0.000 | 0.690 | 0.000 | 0.000 | 0.690 | 0.690 | 129600 | OP | 0.100 | 0.100 | 0.050 | 0.050 | 0.020 | 0.020 |
| SLCGC | 1 | 0.000 | 0.000 | 0.204 | 0.000 | 0.000 | 0.204 | 0.204 | 15840 | OP | 0.100 | 0.100 | 0.050 | 0.050 | 0.020 | 0.020 |
| SLCHC | 1 | 0.000 | 0.000 | 0.477 | 0.000 | 0.000 | 0.477 | 0.477 | 129600 | OP | 0.100 | 0.100 | 0.050 | 0.050 | 0.020 | 0.020 |
| SLKGCI | 1 | 0.000 | 0.000 | 1.954 | 0.000 | 0.000 | 1.954 | 1.954 | 129600 | OP | 0.100 | 0.100 | 0.050 | 0.050 | 0.020 | 0.020 |
| SLKHCI | 1 | 0.000 | 0.000 | 1.328 | 0.000 | 0.000 | 1.328 | 1.328 | 129600 | OP | 0.100 | 0.100 | 0.050 | 0.050 | 0.020 | 0.020 |
| SLKHSO | 1 | 1.954 | 0.000 | 0.000 | 1.954 | 1.954 | 1.954 | 1.954 | 129600 | OP | 0.100 | 0.100 | 0.050 | 0.050 | 0.020 | 0.020 |
| SLKHSO | 1G | 0.004 | 0.000 | 0.000 | -1.275 | -1.270 | -1.275 | -1.270 | 1440 | OP | 0.010 | 0.020 | 0.010 | 0.010 | 0.000 | 0.000 |
| SLKHCW | 1 | 0.000 | 0.000 | 1.328 | 0.000 | 0.000 | 1.328 | 1.328 | 129600 | OP | 0.100 | 0.100 | 0.050 | 0.050 | 0.020 | 0.020 |
| SLKVCI | 1 | 0.000 | 0.000 | -0.740 | 0.000 | 0.000 | -0.740 | -0.740 | 129600 | OP | 0.100 | 0.100 | 0.050 | 0.050 | 0.020 | 0.020 |
| SLKVCW | 1 | 0.000 | 0.000 | -0.740 | 0.000 | 0.000 | -0.740 | -0.740 | 129600 | OP | 0.100 | 0.100 | 0.050 | 0.050 | 0.020 | 0.020 |
| SLMVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 129600 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPGC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 129600 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPHC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 129600 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 129600 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQGC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 129600 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 129600 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRGC | 1 | 0.000 | 0.000 | 1.029 | 0.000 | 0.000 | 1.029 | 1.029 | 102240 | OP | 0.100 | 0.100 | 0.050 | 0.050 | 0.020 | 0.020 |
| SLRVC | 1 | 0.000 | 0.000 | -1.569 | 0.000 | 0.000 | -1.569 | -1.569 | 129600 | OP | 0.100 | 0.100 | 0.050 | 0.050 | 0.020 | 0.020 |
| SLSVCI | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 129600 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVCW | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 129600 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLBGC | 2 | 0.000 | 0.000 | 0.629 | 0.000 | 0.000 | 0.629 | 0.629 | 60 | OP | 0.250 | 0.830 | 0.190 | 0.610 | 0.060 | 0.200 |
| SLDHC | 2 | 0.000 | 0.000 | -2.886 | 0.000 | 0.000 | -2.886 | -2.886 | 60 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCGC | 2 | 0.000 | 0.000 | -0.963 | 0.000 | 0.000 | -0.963 | -0.963 | 60 | OP | 0.030 | 090 | 0.020 | 0.070 | 0.010 | 0.020 |
| SLCHC | 2 | 0.000 | 0.000 | -2.886 | 0.000 | 0.000 | -2.886 | -2.886 | 60 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLMVC | 2 | 0.000 | 0.000 | -5.000 | 0.000 | 0.000 | -5.000 | -5.000 | 60 | OP | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPGC | 2 | 0.000 | 0.000 | -0.553 | 0.000 | 0.000 | -0.553 | -0.553 | 60 | OP | 0.060 | 0.160 | 0.040 | 0.120 | 0.010 | 0.040 |
| SLPHC | 2 | 0.000 | 0.000 | -2.979 | 0.000 | 0.000 | -2.979 | -2.979 | 60 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPVC | 2 | 0.000 | 0.000 | -5.000 | 0.000 | 0.000 | -5.000 | -5.000 | 60 | OP | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQGC | 2 | 0.000 | 0.000 | -0.553 | 0.000 | 0.000 | -0.553 | -0.553 | 60 | OP | 0.060 | 0.160 | 0.040 | 0.120 | 0.010 | 0.040 |
| SLQVC | 2 | 0.000 | 0.000 | -5.000 | 0.000 | 0.000 | -5.000 | -5.000 | 60 | OP | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRGC | 2 | 0.000 | 0.000 | -0.351 | 0.000 | 0.000 | -0.351 | -0.351 | 60 | OP | 0.070 | 0.210 | 0.050 | 0.160 | 0.020 | 0.050 |
| SLRVC | 2 | 0.000 | 0.000 | -4.699 | 0.000 | 0.000 | -4.699 | -4.699 | 60 | OP | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVCI | 2 | 0.000 | 0.000 | -3.854 | 0.000 | 0.000 | -3.854 | -3.854 | 60 | OP | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLBGF | 4 | 0.000 | 0.000 | 4.172 | 0.000 | 0.000 | 4.172 | 4.172 | 60 | OP | 16.700 | 90.340 | 12.130 | 68.520 | 5.150 | 22.540 |
| SLDHC | 4 | 0.000 | 4.238 | 3.414 | 0.000 | 0.000 | 4.299 | 4.299 | 20 | OP | 6.610 | 39.920 | 5.390 | 29.960 | 1.810 | 8.220 |
| SLCGC | 4 | 0.000 | 3.562 | 3.039 | 0.000 | 0.000 | 3.676 | 3.676 | 20 | OP | 15.160 | 74.370 | 11.620 | 55.160 | 5.160 | 18.940 |
| SLCHC | 4 | 0.000 | 3.863 | 3.039 | 0.000 | 0.000 | 3.924 | 3.924 | 20 | OP | 4.330 | 23.580 | 3.520 | 17.580 | 1.150 | 4.830 |
| SLKGF | 4 | 0.000 | 0.000 | 4.316 | 0.000 | 0.000 | 4.316 | 4.316 | 60 | OP | 19.670 | 107.200 | 14.190 | 81.890 | 6.090 | 27.370 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | LOG OF EVAPORATED QUANTITY(LB) VAPOR | WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLKHFI | 4 | 0.000 | 0.000 | 3.864 | 0.000 | 0.000 | 3.864 | 3.864 | 60 | OP | 4.040 | 21.700 | 3.290 | 16.170 | 1.070 | 4.440 |
| SLKHFO | 4 | 0.000 | 0.000 | 4.833 | 0.000 | 0.000 | 4.833 | 4.833 | 60 | OP | 11.910 | 85.220 | 9.740 | 65.340 | 3.420 | 17.600 |
| SLKHFW | 4 | 0.000 | 0.000 | 5.430 | 0.000 | 0.000 | 5.430 | 5.430 | 60 | OP | 22.540 | 201.700 | 18.470 | 161.670 | 6.880 | 41.330 |
| SLKVFI | 4 | 0.000 | 0.000 | 3.742 | 0.000 | 0.000 | 3.742 | 3.742 | 60 | OP | 15.550 | 87.460 | 11.180 | 64.980 | 4.610 | 21.610 |
| SLKVFW | 4 | 0.000 | 0.000 | 4.873 | 0.000 | 0.000 | 4.873 | 4.873 | 60 | OP | 56.460 | 292.600 | 38.390 | 235.660 | 17.570 | 98.190 |
| SLMVC | 4 | 0.000 | 3.984 | 2.859 | 0.000 | 0.000 | 4.015 | 4.015 | 20 | OP | 23.690 | 120.020 | 17.510 | 88.970 | 7.880 | 30.710 |
| SLPGC | 4 | 0.000 | 4.225 | 3.702 | 0.000 | 0.000 | 4.339 | 4.339 | 20 | OP | 28.220 | 159.640 | 22.200 | 121.060 | 10.550 | 43.480 |
| SLPHC | 4 | 0.000 | 4.480 | 3.657 | 0.000 | 0.000 | 4.541 | 4.541 | 20 | OP | 8.650 | 56.220 | 7.070 | 42.520 | 2.420 | 11.600 |
| SLPVC | 4 | 0.000 | 4.190 | 3.066 | 0.000 | 0.000 | 4.221 | 4.221 | 20 | OP | 29.420 | 150.420 | 21.560 | 112.400 | 9.840 | 39.760 |
| SLQGC | 4 | 0.000 | 4.176 | 3.653 | 0.000 | 0.000 | 4.290 | 4.290 | 20 | OP | 27.000 | 151.120 | 21.180 | 114.310 | 10.010 | 40.840 |
| SLQVC | 4 | 0.000 | 4.176 | 3.051 | 0.000 | 0.000 | 4.207 | 4.207 | 20 | OP | 28.990 | 148.150 | 21.250 | 110.630 | 9.690 | 39.060 |
| SLRGC | 4 | 0.000 | 4.005 | 3.482 | 0.000 | 0.000 | 4.119 | 4.119 | 20 | OP | 23.080 | 124.530 | 17.960 | 93.480 | 8.330 | 32.860 |
| SLRVC | 4 | 0.000 | 3.975 | 2.850 | 0.000 | 0.000 | 4.006 | 4.006 | 20 | OP | 23.470 | 118.820 | 17.350 | 88.060 | 7.810 | 30.370 |
| SLSVFI | 4 | 0.000 | 0.000 | 2.530 | 0.000 | 0.000 | 2.530 | 2.530 | 60 | OP | 3.850 | 18.900 | 2.860 | 13.700 | 1.090 | 4.350 |
| SLSVFW | 4 | 0.000 | 0.000 | 3.661 | 0.000 | 0.000 | 3.661 | 3.661 | 60 | OP | 14.180 | 79.460 | 10.220 | 58.850 | 4.190 | 19.410 |
| SLBGF | 5 | 0.000 | 0.000 | 4.172 | 0.000 | 0.000 | 4.172 | 4.172 | 60 | OP | 16.700 | 90.340 | 12.130 | 68.520 | 5.150 | 22.540 |
| SLDHC | 5 | 0.000 | 4.238 | 3.414 | 0.000 | 0.000 | 4.299 | 4.299 | 20 | OP | 6.610 | 39.920 | 5.390 | 29.960 | 1.810 | 8.220 |
| SLCGC | 5 | 0.000 | 3.562 | 3.039 | 0.000 | 0.000 | 3.676 | 3.676 | 20 | OP | 15.160 | 74.370 | 11.620 | 55.160 | 5.160 | 18.940 |
| SLCHC | 5 | 0.000 | 3.863 | 3.039 | 0.000 | 0.000 | 3.924 | 3.924 | 20 | OP | 4.330 | 23.580 | 3.520 | 17.580 | 1.150 | 4.830 |
| SLKGFI | 5 | 0.000 | 0.000 | 4.316 | 0.000 | 0.000 | 4.316 | 4.316 | 60 | OP | 19.670 | 107.200 | 14.190 | 81.890 | 6.090 | 27.370 |
| SLKHFI | 5 | 0.000 | 0.000 | 3.864 | 0.000 | 0.000 | 3.864 | 3.864 | 60 | OP | 4.040 | 21.700 | 3.290 | 16.170 | 1.070 | 4.440 |
| SLKHFO | 5 | 0.000 | 0.000 | 4.833 | 0.000 | 0.000 | 4.833 | 4.833 | 60 | OP | 11.910 | 85.220 | 9.740 | 65.340 | 3.420 | 17.600 |
| SLKHFW | 5 | 0.000 | 0.000 | 5.430 | 0.000 | 0.000 | 5.430 | 5.430 | 60 | OP | 22.540 | 201.700 | 18.470 | 161.670 | 6.880 | 41.330 |
| SLKVFI | 5 | 0.000 | 0.000 | 3.742 | 0.000 | 0.000 | 3.742 | 3.742 | 60 | OP | 15.550 | 87.460 | 11.180 | 64.980 | 4.610 | 21.610 |
| SLKVFW | 5 | 0.000 | 0.000 | 4.873 | 0.000 | 0.000 | 4.873 | 4.873 | 60 | OP | 56.460 | 292.600 | 38.390 | 235.660 | 17.570 | 98.190 |
| SLMVC | 5 | 0.000 | 3.984 | 2.859 | 0.000 | 0.000 | 4.015 | 4.015 | 20 | OP | 23.690 | 120.020 | 17.510 | 88.970 | 7.880 | 30.710 |
| SLPGC | 5 | 0.000 | 4.225 | 3.702 | 0.000 | 0.000 | 4.339 | 4.339 | 20 | OP | 28.220 | 159.640 | 22.200 | 121.060 | 10.550 | 43.480 |
| SLPHC | 5 | 0.000 | 4.480 | 3.657 | 0.000 | 0.000 | 4.541 | 4.541 | 20 | OP | 8.650 | 56.220 | 7.070 | 42.520 | 2.420 | 11.600 |
| SLPVC | 5 | 0.000 | 4.190 | 3.066 | 0.000 | 0.000 | 4.221 | 4.221 | 20 | OP | 29.420 | 150.420 | 21.560 | 112.400 | 9.840 | 39.760 |
| SLQGC | 5 | 0.000 | 4.176 | 3.653 | 0.000 | 0.000 | 4.290 | 4.290 | 20 | OP | 27.000 | 151.120 | 21.180 | 114.310 | 10.010 | 40.840 |
| SLQVC | 5 | 0.000 | 4.176 | 3.051 | 0.000 | 0.000 | 4.207 | 4.207 | 20 | OP | 28.990 | 148.150 | 21.250 | 110.630 | 9.690 | 39.060 |
| SLRGC | 5 | 0.000 | 4.005 | 3.482 | 0.000 | 0.000 | 4.119 | 4.119 | 20 | OP | 23.080 | 124.530 | 17.960 | 93.480 | 8.330 | 32.860 |
| SLRVC | 5 | 0.000 | 3.975 | 2.850 | 0.000 | 0.000 | 4.006 | 4.006 | 20 | OP | 23.470 | 118.820 | 17.350 | 88.060 | 7.810 | 30.370 |
| SLSVFI | 5 | 0.000 | 0.000 | 2.530 | 0.000 | 0.000 | 2.530 | 2.530 | 60 | OP | 3.850 | 18.900 | 2.860 | 13.700 | 1.090 | 4.350 |
| SLSVFW | 5 | 0.000 | 0.000 | 3.661 | 0.000 | 0.000 | 3.661 | 3.661 | 60 | OP | 14.180 | 79.460 | 10.220 | 58.850 | 4.190 | 19.410 |
| SLBGC | 6 | 0.000 | 0.000 | 1.408 | 0.000 | 0.000 | 1.408 | 1.408 | 360 | OP | 0.500 | 1.840 | 0.380 | 1.360 | 0.130 | 0.430 |
| SLDHC | 6 | 0.000 | 0.000 | -1.886 | 0.000 | 0.000 | -1.886 | -1.886 | 360 | OP | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCGC | 6 | 0.000 | 0.000 | 0.037 | 0.000 | 0.000 | 0.037 | 0.037 | 360 | OP | 0.090 | 0.270 | 0.070 | 0.200 | 0.020 | 0.060 |
| SLCHC | 6 | 0.000 | 0.000 | -1.886 | 0.000 | 0.000 | -1.886 | -1.886 | 360 | OP | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |

# ACTIVITY CODE: SL

# LONG-TERM STORAGE

Report for file CNSSB

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SBKHS | 1 | 2.480 | 0.260 | 0.900 | 0.790 | 0.500 | 0.320 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBPHC | 1 | 13.260 | 5.530 | 0.980 | 0.960 | 0.910 | 0.810 | 0.630 | 0.340 | 0.010 | 0.000 | 0.000 | 0.000 |
| SBPVC | 1 | 47.010 | 54.110 | 1.000 | 0.990 | 0.980 | 0.960 | 0.910 | 0.780 | 0.570 | 0.320 | 0.000 | 0.000 |
| SBQGC | 1 | 58.690 | 80.690 | 1.000 | 0.990 | 0.980 | 0.970 | 0.930 | 0.830 | 0.660 | 0.410 | 0.010 | 0.000 |
| SBRGC | 1 | 50.330 | 61.190 | 1.000 | 0.990 | 0.980 | 0.960 | 0.920 | 0.800 | 0.610 | 0.350 | 0.000 | 0.000 |
| SBRVC | 1 | 42.660 | 45.430 | 1.000 | 0.990 | 0.980 | 0.950 | 0.900 | 0.760 | 0.520 | 0.280 | 0.000 | 0.000 |
| SBKHF | 2 | 11.490 | 4.270 | 0.980 | 0.960 | 0.890 | 0.780 | 0.570 | 0.290 | 0.010 | 0.000 | 0.000 | 0.000 |
| SBPHC | 2 | 19.350 | 10.930 | 0.990 | 0.970 | 0.940 | 0.870 | 0.750 | 0.450 | 0.220 | 0.000 | 0.000 | 0.000 |
| SBPVC | 2 | 63.580 | 93.200 | 1.000 | 0.990 | 0.980 | 0.970 | 0.940 | 0.840 | 0.680 | 0.430 | 0.010 | 0.000 |
| SBQGC | 2 | 70.260 | 111.540 | 1.000 | 0.990 | 0.990 | 0.970 | 0.940 | 0.860 | 0.720 | 0.470 | 0.040 | 0.000 |
| SBRGC | 2 | 60.010 | 83.990 | 1.000 | 0.990 | 0.980 | 0.970 | 0.930 | 0.840 | 0.670 | 0.420 | 0.010 | 0.000 |
| SBRVC | 2 | 57.890 | 78.720 | 1.000 | 0.990 | 0.980 | 0.960 | 0.930 | 0.820 | 0.650 | 0.400 | 0.010 | 0.000 |
| SBKHF | 3 | 10.410 | 3.570 | 0.980 | 0.950 | 0.880 | 0.760 | 0.520 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBPHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBPVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBQGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBRGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBRVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBKHS | 4 | 0.570 | 0.000 | 0.550 | 0.370 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBPHC | 4 | 2.620 | 0.280 | 0.900 | 0.810 | 0.510 | 0.340 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBPVC | 4 | 10.740 | 3.780 | 0.980 | 0.960 | 0.910 | 0.820 | 0.650 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBQGC | 4 | 14.480 | 6.480 | 0.990 | 0.970 | 0.930 | 0.870 | 0.740 | 0.420 | 0.070 | 0.000 | 0.000 | 0.000 |
| SBRGC | 4 | 12.340 | 4.860 | 0.980 | 0.970 | 0.920 | 0.850 | 0.700 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 |
| SBRVC | 4 | 9.700 | 3.150 | 0.980 | 0.960 | 0.900 | 0.810 | 0.610 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBKHF | 5 | 11.490 | 4.270 | 0.980 | 0.960 | 0.890 | 0.780 | 0.570 | 0.290 | 0.010 | 0.000 | 0.000 | 0.000 |
| SBPHC | 5 | 19.350 | 10.930 | 0.990 | 0.970 | 0.940 | 0.870 | 0.750 | 0.450 | 0.220 | 0.000 | 0.000 | 0.000 |
| SBPVC | 5 | 63.580 | 93.200 | 1.000 | 0.990 | 0.980 | 0.970 | 0.940 | 0.840 | 0.680 | 0.430 | 0.010 | 0.000 |
| SBQGC | 5 | 70.260 | 111.540 | 1.000 | 0.990 | 0.990 | 0.970 | 0.940 | 0.860 | 0.720 | 0.470 | 0.040 | 0.000 |
| SBRGC | 5 | 60.010 | 83.990 | 1.000 | 0.990 | 0.980 | 0.970 | 0.930 | 0.840 | 0.670 | 0.420 | 0.010 | 0.000 |
| SBRVC | 5 | 57.890 | 78.720 | 1.000 | 0.990 | 0.980 | 0.960 | 0.930 | 0.820 | 0.650 | 0.400 | 0.010 | 0.000 |
| SBKHF | 6 | 2.060 | 0.180 | 0.880 | 0.750 | 0.460 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBPHC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBPVC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBQGC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBRGC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBRVC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBKHS | 7 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBPHS | 7 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSSB

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SBPVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBQGS | 7 | 0.490 | 0.000 | 0.580 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBRGS | 7 | 0.490 | 0.000 | 0.580 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBRVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBPHC | 8 | 0.480 | 0.000 | 0.490 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBPVC | 8 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBQGC | 8 | 5.730 | 1.210 | 0.970 | 0.940 | 0.840 | 0.690 | 0.430 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBRGC | 8 | 13.940 | 6.050 | 0.990 | 0.970 | 0.930 | 0.860 | 0.730 | 0.410 | 0.040 | 0.000 | 0.000 | 0.000 |
| SBRVC | 8 | 4.190 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBKHF | 9 | 2.260 | 0.220 | 0.890 | 0.770 | 0.480 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBPHC | 9 | 3.800 | 0.570 | 0.930 | 0.870 | 0.670 | 0.440 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBPVC | 9 | 14.860 | 6.790 | 0.990 | 0.970 | 0.930 | 0.870 | 0.740 | 0.420 | 0.080 | 0.000 | 0.000 | 0.000 |
| SBQGC | 9 | 16.530 | 8.240 | 0.990 | 0.980 | 0.940 | 0.890 | 0.770 | 0.460 | 0.150 | 0.000 | 0.000 | 0.000 |
| SBRGC | 9 | 14.000 | 6.100 | 0.990 | 0.970 | 0.930 | 0.870 | 0.730 | 0.410 | 0.040 | 0.000 | 0.000 | 0.000 |
| SBRVC | 9 | 13.430 | 5.660 | 0.990 | 0.970 | 0.930 | 0.860 | 0.710 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 |

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Report for file CNSSB

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SBKHS | 1 | 0.660 | 0.020 | 0.680 | 0.450 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBPHC | 1 | 2.690 | 0.530 | 0.930 | 0.860 | 0.640 | 0.400 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBPVC | 1 | 10.210 | 6.990 | 0.980 | 0.970 | 0.920 | 0.850 | 0.690 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBQGC | 1 | 13.060 | 11.170 | 0.990 | 0.980 | 0.940 | 0.890 | 0.770 | 0.450 | 0.010 | 0.000 | 0.000 | 0.000 |
| SBRGC | 1 | 11.520 | 8.790 | 0.990 | 0.970 | 0.930 | 0.870 | 0.740 | 0.380 | 0.010 | 0.000 | 0.000 | 0.000 |
| SBRVC | 1 | 9.400 | 5.960 | 0.980 | 0.970 | 0.920 | 0.830 | 0.670 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBKHF | 2 | 2.380 | 0.420 | 0.920 | 0.840 | 0.590 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBPHC | 2 | 3.680 | 0.980 | 0.950 | 0.900 | 0.740 | 0.490 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBPVC | 2 | 13.290 | 11.550 | 0.990 | 0.980 | 0.940 | 0.880 | 0.770 | 0.440 | 0.010 | 0.000 | 0.000 | 0.000 |
| SBQGC | 2 | 14.460 | 13.560 | 0.990 | 0.980 | 0.950 | 0.900 | 0.800 | 0.490 | 0.100 | 0.000 | 0.000 | 0.000 |
| SBRGC | 2 | 12.700 | 10.580 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.430 | 0.010 | 0.000 | 0.000 | 0.000 |
| SBRVC | 2 | 12.240 | 9.870 | 0.990 | 0.970 | 0.940 | 0.870 | 0.750 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 |
| SBKHF | 3 | 2.190 | 0.350 | 0.910 | 0.820 | 0.550 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBPHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBPVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBQGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBRGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBRVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBKHS | 4 | 0.180 | 0.000 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBPHC | 4 | 0.670 | 0.020 | 0.690 | 0.450 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBPVC | 4 | 2.940 | 0.640 | 0.940 | 0.890 | 0.710 | 0.450 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBQGC | 4 | 4.050 | 1.190 | 0.960 | 0.920 | 0.800 | 0.600 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBRGC | 4 | 3.530 | 0.910 | 0.950 | 0.910 | 0.770 | 0.540 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBRVC | 4 | 2.700 | 0.540 | 0.940 | 0.870 | 0.690 | 0.420 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBKHF | 5 | 2.380 | 0.420 | 0.920 | 0.840 | 0.590 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBPHC | 5 | 3.680 | 0.980 | 0.950 | 0.900 | 0.740 | 0.490 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBPVC | 5 | 13.290 | 11.550 | 0.990 | 0.980 | 0.940 | 0.880 | 0.770 | 0.440 | 0.010 | 0.000 | 0.000 | 0.000 |
| SBQGC | 5 | 14.460 | 13.560 | 0.990 | 0.980 | 0.950 | 0.900 | 0.800 | 0.490 | 0.100 | 0.000 | 0.000 | 0.000 |
| SBRGC | 5 | 12.700 | 10.580 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.430 | 0.010 | 0.000 | 0.000 | 0.000 |
| SBRVC | 5 | 12.240 | 9.870 | 0.990 | 0.970 | 0.940 | 0.870 | 0.750 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 |
| SBKHF | 6 | 0.540 | 0.000 | 0.610 | 0.390 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBPHC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBPVC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBQGC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBRGC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBRVC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBKHS | 7 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBPHS | 7 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSSB

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SBPVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBQGS | 7 | 0.160 | 0.000 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBRGS | 7 | 0.160 | 0.000 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBRVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBPHC | 8 | 0.150 | 0.000 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBPVC | 8 | 0.720 | 0.020 | 0.750 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBQGC | 8 | 1.850 | 0.250 | 0.910 | 0.820 | 0.550 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBRGC | 8 | 4.170 | 1.260 | 0.960 | 0.920 | 0.810 | 0.610 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBRVC | 8 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBKHF | 9 | 0.590 | 0.010 | 0.640 | 0.410 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBPHC | 9 | 0.920 | 0.050 | 0.780 | 0.560 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBPVC | 9 | 3.860 | 1.080 | 0.960 | 0.910 | 0.790 | 0.570 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBQGC | 9 | 4.280 | 1.320 | 0.960 | 0.920 | 0.810 | 0.620 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBRGC | 9 | 3.700 | 1.000 | 0.960 | 0.910 | 0.780 | 0.560 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SBRVC | 9 | 3.550 | 0.920 | 0.950 | 0.910 | 0.770 | 0.530 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSSB

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SBKHS | 1 | 0.66 | 2.48 | 0.19 | 2.85 | 67.78 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| SBPHC | 1 | 2.69 | 13.26 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 1.21 | 30.26 | 0.26 | 1.75 | 0.00 | 0.00 |
| SBPVC | 1 | 10.21 | 47.01 | 2625.48 | 4986.01 | 0.00 | 0.00 | 3489.80 | 6570.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 1072.28 | 1393.31 | 2524.63 |
| SBQGC | 1 | 13.06 | 58.69 | 2625.48 | 10730.7 | 0.00 | 0.00 | 3489.80 | 18640.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SBRGC | 1 | 11.52 | 50.33 | 2625.48 | 10730.7 | 0.00 | 0.00 | 3489.80 | 18640.3 | 0.00 | 0.00 | 2013.65 | 15659.8 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SBRVC | 1 | 9.40 | 42.66 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| SBKHF | 2 | 2.38 | 11.49 | 5.82 | 1439.30 | 538.65 | 2294.43 | 0.00 | 0.00 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SBPHC | 2 | 3.68 | 19.35 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 1.21 | 30.26 | 0.26 | 1.75 | 0.00 | 0.00 |
| SBPVC | 2 | 13.29 | 63.58 | 2625.48 | 10730.7 | 0.00 | 0.00 | 3489.80 | 18640.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SBQGC | 2 | 14.46 | 70.26 | 2625.48 | 10730.7 | 0.00 | 0.00 | 3489.80 | 18640.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SBRGC | 2 | 12.70 | 60.01 | 2625.48 | 10730.7 | 0.00 | 0.00 | 3489.80 | 18640.3 | 0.00 | 0.00 | 2013.65 | 15659.8 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SBRVC | 2 | 12.24 | 57.89 | 2625.48 | 10730.7 | 0.00 | 0.00 | 3489.80 | 18640.3 | 0.00 | 0.00 | 2013.65 | 15659.8 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SBKHF | 3 | 2.19 | 10.41 | 5.82 | 1439.30 | 538.65 | 2294.43 | 0.00 | 0.00 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SBPHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SBPVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SBQGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SBRGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SBRVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SBKHS | 4 | 0.18 | 0.57 | 0.00 | 0.19 | 0.00 | 43.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.33 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| SBPHC | 4 | 0.67 | 2.62 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| SBPVC | 4 | 2.94 | 10.74 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SBQGC | 4 | 4.05 | 14.48 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SBRGC | 4 | 3.53 | 12.34 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SBRVC | 4 | 2.70 | 9.70 | 5.82 | 57.27 | 0.00 | 0.00 | 29.38 | 468.74 | 0.00 | 0.00 | 24.90 | 38.89 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| SBKHF | 5 | 2.38 | 11.49 | 5.82 | 1439.30 | 538.65 | 2294.43 | 0.00 | 0.00 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SBPHC | 5 | 3.68 | 19.35 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 1.21 | 30.26 | 0.26 | 1.75 | 0.00 | 0.00 |
| SBPVC | 5 | 13.29 | 63.58 | 2625.48 | 10730.7 | 0.00 | 0.00 | 3489.80 | 18640.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SBQGC | 5 | 14.46 | 70.26 | 2625.48 | 10730.7 | 0.00 | 0.00 | 3489.80 | 18640.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SBRGC | 5 | 12.70 | 60.01 | 2625.48 | 10730.7 | 0.00 | 0.00 | 3489.80 | 18640.3 | 0.00 | 0.00 | 2013.65 | 15659.8 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SBRVC | 5 | 12.24 | 57.89 | 2625.48 | 10730.7 | 0.00 | 0.00 | 3489.80 | 18640.3 | 0.00 | 0.00 | 2013.65 | 15659.8 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SBKHF | 6 | 0.54 | 2.06 | 0.19 | 2.85 | 67.78 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| SBPHC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SBPVC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SBQGC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SBRGC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SBRVC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SBKHS | 7 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSSB

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SBPHS | 7 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SBPVS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SBQGS | 7 | 0.16 | 0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SBRGS | 7 | 0.16 | 0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SBRVS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SBPHC | 8 | 0.15 | 0.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SBPVC | 8 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| SBQGC | 8 | 1.85 | 5.73 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| SBRGC | 8 | 4.17 | 13.94 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SBRVC | 8 | 1.32 | 4.19 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| SBKHF | 9 | 0.59 | 2.26 | 0.19 | 2.85 | 67.78 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| SBPHC | 9 | 0.92 | 3.80 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| SBPVC | 9 | 3.86 | 14.86 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SBQGC | 9 | 4.28 | 16.53 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SBRGC | 9 | 3.70 | 14.00 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SBRVC | 9 | 3.55 | 13.43 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |

Report for file CNSSB

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SBKHS | 1 | 0.66 | 2.48 | 0.03 | 0.68 | 2.40 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| SBPHC | 1 | 2.69 | 13.26 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.34 | 8.87 | 0.16 | 1.03 | 0.00 | 0.00 |
| SBPVC | 1 | 10.21 | 47.01 | 508.49 | 1072.78 | 0.00 | 0.00 | 334.98 | 777.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 51.83 | 120.30 | 179.59 |
| SBQGC | 1 | 13.06 | 58.69 | 508.49 | 3104.88 | 0.00 | 0.00 | 334.98 | 2413.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SBRGC | 1 | 11.52 | 50.33 | 508.49 | 3104.88 | 0.00 | 0.00 | 334.98 | 2413.14 | 0.00 | 0.00 | 267.51 | 2292.73 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SBRVC | 1 | 9.40 | 42.66 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| SBKHF | 2 | 2.38 | 11.49 | 1.72 | 224.28 | 54.36 | 372.49 | 0.00 | 0.00 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SBPHC | 2 | 3.68 | 19.35 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.34 | 8.87 | 0.16 | 1.03 | 0.00 | 0.00 |
| SBPVC | 2 | 13.29 | 63.58 | 508.49 | 3104.88 | 0.00 | 0.00 | 334.98 | 2413.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SBQGC | 2 | 14.46 | 70.26 | 508.49 | 3104.88 | 0.00 | 0.00 | 334.98 | 2413.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SBRGC | 2 | 12.70 | 60.01 | 508.49 | 3104.88 | 0.00 | 0.00 | 334.98 | 2413.14 | 0.00 | 0.00 | 267.51 | 2292.73 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SBRVC | 2 | 12.24 | 57.89 | 508.49 | 3104.88 | 0.00 | 0.00 | 334.98 | 2413.14 | 0.00 | 0.00 | 267.51 | 2292.73 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SBKHF | 3 | 2.19 | 10.41 | 1.72 | 224.28 | 54.36 | 372.49 | 0.00 | 0.00 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SBPHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SBPVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SBQGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SBRGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SBRVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SBKHS | 4 | 0.18 | 0.57 | 0.00 | 0.01 | 0.00 | 1.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SBPHC | 4 | 0.67 | 2.62 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| SBPVC | 4 | 2.94 | 10.74 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SBQGC | 4 | 4.05 | 14.48 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SBRGC | 4 | 3.53 | 12.34 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SBRVC | 4 | 2.70 | 9.70 | 1.72 | 21.28 | 0.00 | 0.00 | 6.66 | 49.52 | 0.00 | 0.00 | 5.55 | 13.81 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| SBKHF | 5 | 2.38 | 11.49 | 1.72 | 224.28 | 54.36 | 372.49 | 0.00 | 0.00 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SBPHC | 5 | 3.68 | 19.35 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.34 | 8.87 | 0.16 | 1.03 | 0.00 | 0.00 |
| SBPVC | 5 | 13.29 | 63.58 | 508.49 | 3104.88 | 0.00 | 0.00 | 334.98 | 2413.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SBQGC | 5 | 14.46 | 70.26 | 508.49 | 3104.88 | 0.00 | 0.00 | 334.98 | 2413.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SBRGC | 5 | 12.70 | 60.01 | 508.49 | 3104.88 | 0.00 | 0.00 | 334.98 | 2413.14 | 0.00 | 0.00 | 267.51 | 2292.73 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SBRVC | 5 | 12.24 | 57.89 | 508.49 | 3104.88 | 0.00 | 0.00 | 334.98 | 2413.14 | 0.00 | 0.00 | 267.51 | 2292.73 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SBKHF | 6 | 0.54 | 2.06 | 0.03 | 0.68 | 2.40 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| SBPHC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SBPVC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SBQGC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SBRGC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SBRVC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SBKHS | 7 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSSB

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SBPHS | 7 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SBPVS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SBQGS | 7 | 0.16 | 0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SBRGS | 7 | 0.16 | 0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SBRVS | 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SBPHC | 8 | 0.15 | 0.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SBPVC | 8 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| SBQGC | 8 | 1.85 | 5.73 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| SBRGC | 8 | 4.17 | 13.94 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SBRVC | 8 | 1.32 | 4.19 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| SBKHF | 9 | 0.59 | 2.26 | 0.03 | 0.68 | 2.40 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| SBPHC | 9 | 0.92 | 3.80 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| SBPVC | 9 | 3.86 | 14.86 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SBQGC | 9 | 4.28 | 16.53 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SBRGC | 9 | 3.70 | 14.00 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SBRVC | 9 | 3.55 | 13.43 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLQGC 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLQVC 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLRGC 9 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLRVC 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLSVCI 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLSVCW 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKGFI 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHFI 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHFO 15 | 3.38 | 17.45 | 5.82 | 1439.30 | 538.65 | 2294.43 | 0.00 | 0.00 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SLKHFW 15 | 22.54 | 201.70 | 11024.50 | 244118 | 92469.7 | 793687 | 0.00 | 0.00 | 0.00 | 0.00 | 12383.6 | 106272 | 0.00 | 0.00 | 2041.05 | 218803 | 5282.97 | 49811.7 |
| SLKVFI 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVFW 15 | 57.39 | 296.60 | 23640.00 | 244118 | 0.00 | 0.00 | 0.00 | 0.00 | 26162.9 | 89456.0 | 0.00 | 0.00 | 0.00 | 0.00 | 49396.7 | 218803 | 0.00 | 0.00 |
| SLSVFI 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLSVFW 15 | 10.75 | 53.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SLBGC 16 | 0.94 | 3.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| SLDHC 16 | 1.75 | 7.95 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.16 | 2.85 | 0.08 | 0.42 | 0.00 | 0.00 |
| SLCGC 16 | 4.69 | 18.38 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| SLCHC 16 | 1.12 | 4.74 | 0.63 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.72 | 0.08 | 0.17 | 0.00 | 0.00 |
| SLKGC 16 | 0.94 | 3.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.00 | 0.00 |
| SLKHCI 16 | 0.01 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHSO 16 | 1.35 | 5.76 | 0.63 | 57.27 | 96.96 | 834.65 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| SLKHSW 16 | 1.35 | 5.76 | 0.63 | 57.27 | 96.96 | 834.65 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| SLKVCI 16 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVSW 16 | 0.43 | 1.83 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLMVC 16 | 11.05 | 51.46 | 2625.48 | 10730.7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2013.65 | 15659.8 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SLPGC 16 | 8.90 | 39.18 | 151.19 | 4986.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| SLPHC 16 | 2.32 | 11.13 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 1.21 | 30.26 | 0.26 | 1.75 | 0.00 | 0.00 |
| SLPVC 16 | 9.05 | 40.82 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| SLQGC 16 | 8.48 | 36.98 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| SLQVC 16 | 8.91 | 40.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| SLRGC 16 | 10.61 | 48.35 | 2625.48 | 4986.01 | 0.00 | 0.00 | 3489.80 | 6570.40 | 0.00 | 0.00 | 2013.65 | 5359.40 | 0.00 | 0.00 | 4.17 | 1072.28 | 1393.31 | 2524.63 |
| SLRVC 16 | 10.94 | 50.90 | 2625.48 | 10730.7 | 0.00 | 0.00 | 3489.80 | 18640.3 | 0.00 | 0.00 | 2013.65 | 15659.8 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SLSVCI 16 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLSVSW 16 | 0.40 | 1.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| SLKHFO 17 | 6.12 | 36.24 | 151.19 | 4986.01 | 1542.20 | 42006.8 | 0.00 | 0.00 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| SLKHFW 17 | 6.12 | 36.24 | 151.19 | 4986.01 | 1542.20 | 42006.8 | 0.00 | 0.00 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| SLKVFW 17 | 20.35 | 107.19 | 11024.50 | 70513.2 | 0.00 | 0.00 | 0.00 | 0.00 | 5719.43 | 45548.2 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 58626.2 | 0.00 | 0.00 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLSVFW 17 | 18.84 | 98.79 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SLKHSO 18 | 0.40 | 1.44 | 0.00 | 0.41 | 0.00 | 83.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.16 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| SLKHSW 18 | 0.40 | 1.44 | 0.00 | 0.41 | 0.00 | 83.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.16 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| SLKVSW 18 | 0.12 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLSVSW 18 | 0.11 | 0.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHFO 19 | 1.67 | 7.57 | 0.63 | 57.27 | 96.96 | 834.65 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| SLKHFW 19 | 1.67 | 7.57 | 0.63 | 57.27 | 96.96 | 834.65 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| SLKVFW 19 | 6.05 | 27.82 | 151.19 | 4986.01 | 0.00 | 0.00 | 0.00 | 0.00 | 41.80 | 2541.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 0.00 | 0.00 |
| SLSVFW 19 | 5.60 | 25.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| SLBGC 20 | 1.76 | 7.56 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| SLDHC 20 | 0.10 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLCGC 20 | 0.61 | 1.89 | 0.19 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.05 | 0.00 | 0.00 |
| SLCHC 20 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKGFI 20 | 0.95 | 3.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.00 | 0.00 |
| SLKHFI 20 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHSO 20 | 0.63 | 2.45 | 0.19 | 2.85 | 67.78 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| SLKHCW 20 | 0.05 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVCI 20 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVCW 20 | 0.02 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLMVC 20 | 0.96 | 2.91 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| SLPGC 20 | 1.43 | 4.76 | 0.63 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| SLPHC 20 | 0.14 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPVC 20 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| SLQGC 20 | 1.27 | 4.21 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| SLQVC 20 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| SLRGC 20 | 1.74 | 5.95 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| SLRVC 20 | 0.94 | 2.84 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| SLSVFI 20 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLSVFW 20 | 0.02 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLBGF 21 | 3.47 | 14.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SLKGFI 21 | 4.07 | 16.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| SLKHFI 21 | 0.67 | 2.64 | 0.19 | 2.85 | 67.78 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| SLKHFO 21 | 11.91 | 85.22 | 2625.48 | 10730.7 | 4774.68 | 120185 | 0.00 | 0.00 | 0.00 | 0.00 | 2013.65 | 15659.8 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SLKHFW 21 | 11.91 | 85.22 | 2625.48 | 10730.7 | 4774.68 | 120185 | 0.00 | 0.00 | 0.00 | 0.00 | 2013.65 | 15659.8 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SLKVFI 21 | 3.27 | 13.61 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 9.19 | 141.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| SLKVFW 21 | 73.77 | 369.39 | 23640.00 | 244118 | 0.00 | 0.00 | 0.00 | 0.00 | 26162.9 | 89456.0 | 0.00 | 0.00 | 0.00 | 0.00 | 49396.7 | 218803 | 0.00 | 0.00 |
| SLSVFI 21 | 0.82 | 2.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLSVFW 21 | 49.46 | 259.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 218803 | 5282.97 | 49811.7 |
| SLBGC 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLDHC 22 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLCGC 22 | 0.37 | 1.12 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 |
| SLCHC 22 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKGSI 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHSI 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHSO 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHSW 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVSI 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVSW 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLMVC 22 | 1.64 | 5.39 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| SLPGC 22 | 0.79 | 2.50 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| SLPHC 22 | 0.14 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPVC 22 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| SLQGC 22 | 1.09 | 3.53 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| SLQVC 22 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| SLRGC 22 | 1.36 | 4.53 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| SLRVC 22 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| SLSVFI 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLSVFW 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLBGC 23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLDHC 23 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLCGC 23 | 0.37 | 1.12 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 |
| SLCHC 23 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKGFI 23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHFI 23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHFO 23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHFW 23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVFI 23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVFW 23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLMVC 23 | 1.64 | 5.39 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| SLPGC 23 | 0.79 | 2.50 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| SLPHC 23 | 0.14 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPVC 23 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| SLQGC 23 | 1.09 | 3.53 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| SLQVC 23 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLRGC 23 | 1.36 | 4.53 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| SLRVC 23 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| SLSVCI 23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLSVSW 23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHFO 24 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLBGC 25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLDHC 25 | 0.10 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLCGC 25 | 0.37 | 1.12 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 |
| SLCHC 25 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKGC 25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHC 25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVC 25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLMVC 25 | 1.64 | 5.39 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| SLPGC 25 | 0.79 | 2.50 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| SLPHC 25 | 0.14 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLPVC 25 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| SLQGC 25 | 1.09 | 3.53 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| SLQVC 25 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| SLRGC 25 | 1.36 | 4.53 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| SLRVC 25 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| SLSVS 25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVFWA26 | 45.38 | 304.21 | 11024.50 | 244118 | 0.00 | 0.00 | 0.00 | 0.00 | 5719.43 | 89456.0 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 218803 | 0.00 | 0.00 |
| SLKVCWB26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKVFWC26 | 2.28 | 11.53 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 9.19 | 141.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| SLKVFWD26 | 45.38 | 304.21 | 11024.50 | 244118 | 0.00 | 0.00 | 0.00 | 0.00 | 5719.43 | 89456.0 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 218803 | 0.00 | 0.00 |
| SLKVCWE26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLSVFWA27 | 10.91 | 74.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SLSVFWB27 | 10.91 | 74.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SLSVFWC27 | 15.47 | 108.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 58626.2 | 1393.31 | 23792.6 |
| SLSVFWD27 | 10.91 | 74.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SLSVFWE27 | 10.91 | 74.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SLSVFWF27 | 15.47 | 108.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 58626.2 | 1393.31 | 23792.6 |
| SLKHFWA28 | 22.56 | 202.00 | 11024.50 | 244118 | 92469.7 | 793687 | 0.00 | 0.00 | 0.00 | 0.00 | 12383.6 | 106272 | 0.00 | 0.00 | 2041.05 | 218803 | 5282.97 | 49811.7 |
| SLKHFWB28 | 30.83 | 314.00 | 11024.50 | 244118 | 92469.7 | 793687 | 0.00 | 0.00 | 0.00 | 0.00 | 12383.6 | 106272 | 0.00 | 0.00 | 2041.05 | 218803 | 5282.97 | 49811.7 |
| SLKHFWC28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHCWD28 | 22.56 | 202.00 | 11024.50 | 244118 | 92469.7 | 793687 | 0.00 | 0.00 | 0.00 | 0.00 | 12383.6 | 106272 | 0.00 | 0.00 | 2041.05 | 218803 | 5282.97 | 49811.7 |
| SLKHFWE28 | 22.56 | 202.00 | 11024.50 | 244118 | 92469.7 | 793687 | 0.00 | 0.00 | 0.00 | 0.00 | 12383.6 | 106272 | 0.00 | 0.00 | 2041.05 | 218803 | 5282.97 | 49811.7 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLKHFWF28 | 30.83 | 314.00 | 11024.50 | 244118 | 92469.7 | 793687 | 0.00 | 0.00 | 0.00 | 0.00 | 12383.6 | 106272 | 0.00 | 0.00 | 2041.05 | 218803 | 5282.97 | 49811.7 |
| SLKHFWG28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHCWH28 | 22.56 | 202.00 | 11024.50 | 244118 | 92469.7 | 793687 | 0.00 | 0.00 | 0.00 | 0.00 | 12383.6 | 106272 | 0.00 | 0.00 | 2041.05 | 218803 | 5282.97 | 49811.7 |
| SLKHFWI28 | 30.83 | 314.00 | 11024.50 | 244118 | 92469.7 | 793687 | 0.00 | 0.00 | 0.00 | 0.00 | 12383.6 | 106272 | 0.00 | 0.00 | 2041.05 | 218803 | 5282.97 | 49811.7 |
| SLKHFWJ28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHFWK28 | 22.56 | 202.00 | 11024.50 | 244118 | 92469.7 | 793687 | 0.00 | 0.00 | 0.00 | 0.00 | 12383.6 | 106272 | 0.00 | 0.00 | 2041.05 | 218803 | 5282.97 | 49811.7 |
| SLKHFWL28 | 30.83 | 314.00 | 11024.50 | 244118 | 92469.7 | 793687 | 0.00 | 0.00 | 0.00 | 0.00 | 12383.6 | 106272 | 0.00 | 0.00 | 2041.05 | 218803 | 5282.97 | 49811.7 |
| SLKHFWM28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHFWN28 | 22.56 | 202.00 | 11024.50 | 244118 | 92469.7 | 793687 | 0.00 | 0.00 | 0.00 | 0.00 | 12383.6 | 106272 | 0.00 | 0.00 | 2041.05 | 218803 | 5282.97 | 49811.7 |
| SLKHFWO28 | 30.83 | 314.00 | 11024.50 | 244118 | 92469.7 | 793687 | 0.00 | 0.00 | 0.00 | 0.00 | 12383.6 | 106272 | 0.00 | 0.00 | 2041.05 | 218803 | 5282.97 | 49811.7 |
| SLKHFWP28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SLKHFWQ28 | 30.83 | 314.00 | 11024.50 | 244118 | 92469.7 | 793687 | 0.00 | 0.00 | 0.00 | 0.00 | 12383.6 | 106272 | 0.00 | 0.00 | 2041.05 | 218803 | 5282.97 | 49811.7 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLBGC | 1 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLDHC | 1 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCGC | 1 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCHC | 1 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKGCI | 1 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHCI | 1 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHSO | 1 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHSO | 1G | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHCW | 1 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVCI | 1 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVCW | 1 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLMVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPGC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPHC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQGC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRGC | 1 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRVC | 1 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVCI | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVCW | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLBGC | 2 | 0.250 | 0.000 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLDHC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCGC | 2 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCHC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLMVC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPGC | 2 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPHC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPVC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQGC | 2 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQVC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRGC | 2 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRVC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVCI | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLBGF | 4 | 16.700 | 17.830 | 0.990 | 0.980 | 0.950 | 0.900 | 0.810 | 0.510 | 0.160 | 0.000 | 0.000 | 0.000 |
| SLDHC | 4 | 6.610 | 3.040 | 0.970 | 0.940 | 0.860 | 0.720 | 0.470 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCGC | 4 | 15.160 | 14.820 | 0.990 | 0.980 | 0.950 | 0.900 | 0.810 | 0.520 | 0.130 | 0.000 | 0.000 | 0.000 |
| SLCHC | 4 | 4.330 | 1.350 | 0.960 | 0.910 | 0.780 | 0.570 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLKGF | 4 | 19.670 | 24.340 | 0.990 | 0.980 | 0.960 | 0.920 | 0.840 | 0.590 | 0.260 | 0.000 | 0.000 | 0.000 |
| SLKHFI | 4 | 4.040 | 1.180 | 0.950 | 0.910 | 0.770 | 0.530 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFO | 4 | 11.910 | 9.370 | 0.990 | 0.970 | 0.930 | 0.850 | 0.710 | 0.380 | 0.010 | 0.000 | 0.000 | 0.000 |
| SLKHFW | 4 | 22.540 | 31.520 | 0.990 | 0.990 | 0.960 | 0.930 | 0.850 | 0.640 | 0.370 | 0.010 | 0.000 | 0.000 |
| SLKVFI | 4 | 15.550 | 15.570 | 0.990 | 0.980 | 0.950 | 0.890 | 0.780 | 0.470 | 0.100 | 0.000 | 0.000 | 0.000 |
| SLKVFW | 4 | 56.460 | 180.540 | 1.000 | 0.990 | 0.990 | 0.970 | 0.940 | 0.860 | 0.720 | 0.440 | 0.000 | 0.000 |
| SLMVC | 4 | 23.690 | 34.660 | 0.990 | 0.990 | 0.970 | 0.940 | 0.870 | 0.680 | 0.390 | 0.010 | 0.000 | 0.000 |
| SLPGC | 4 | 28.220 | 48.320 | 1.000 | 0.990 | 0.980 | 0.950 | 0.910 | 0.760 | 0.530 | 0.100 | 0.000 | 0.000 |
| SLPHC | 4 | 8.650 | 5.090 | 0.980 | 0.960 | 0.900 | 0.790 | 0.590 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPVC | 4 | 29.420 | 52.310 | 0.990 | 0.990 | 0.970 | 0.950 | 0.900 | 0.750 | 0.490 | 0.080 | 0.000 | 0.000 |
| SLQGC | 4 | 27.000 | 44.420 | 1.000 | 0.990 | 0.980 | 0.950 | 0.900 | 0.750 | 0.500 | 0.060 | 0.000 | 0.000 |
| SLQVC | 4 | 28.990 | 50.860 | 0.990 | 0.990 | 0.970 | 0.950 | 0.900 | 0.740 | 0.490 | 0.060 | 0.000 | 0.000 |
| SLRGC | 4 | 23.080 | 32.990 | 0.990 | 0.990 | 0.970 | 0.940 | 0.880 | 0.700 | 0.420 | 0.010 | 0.000 | 0.000 |
| SLRVC | 4 | 23.470 | 34.050 | 0.990 | 0.990 | 0.970 | 0.940 | 0.870 | 0.680 | 0.390 | 0.010 | 0.000 | 0.000 |
| SLSVFI | 4 | 3.850 | 1.080 | 0.950 | 0.910 | 0.770 | 0.540 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVFW | 4 | 14.180 | 13.050 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.430 | 0.030 | 0.000 | 0.000 | 0.000 |
| SLBGF | 5 | 16.700 | 17.830 | 0.990 | 0.980 | 0.950 | 0.900 | 0.810 | 0.510 | 0.160 | 0.000 | 0.000 | 0.000 |
| SLDHC | 5 | 6.610 | 3.040 | 0.970 | 0.940 | 0.860 | 0.720 | 0.470 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCGC | 5 | 15.160 | 14.820 | 0.990 | 0.980 | 0.950 | 0.900 | 0.810 | 0.520 | 0.130 | 0.000 | 0.000 | 0.000 |
| SLCHC | 5 | 4.330 | 1.350 | 0.960 | 0.910 | 0.780 | 0.570 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKGFI | 5 | 19.670 | 24.340 | 0.990 | 0.980 | 0.960 | 0.920 | 0.840 | 0.590 | 0.260 | 0.000 | 0.000 | 0.000 |
| SLKHFI | 5 | 4.040 | 1.180 | 0.950 | 0.910 | 0.770 | 0.530 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFO | 5 | 11.910 | 9.370 | 0.990 | 0.970 | 0.930 | 0.850 | 0.710 | 0.380 | 0.010 | 0.000 | 0.000 | 0.000 |
| SLKHFW | 5 | 22.540 | 31.520 | 0.990 | 0.990 | 0.960 | 0.930 | 0.850 | 0.640 | 0.370 | 0.010 | 0.000 | 0.000 |
| SLKVFI | 5 | 15.550 | 15.570 | 0.990 | 0.980 | 0.950 | 0.890 | 0.780 | 0.470 | 0.100 | 0.000 | 0.000 | 0.000 |
| SLKVFW | 5 | 56.460 | 180.540 | 1.000 | 0.990 | 0.990 | 0.970 | 0.940 | 0.860 | 0.720 | 0.440 | 0.000 | 0.000 |
| SLMVC | 5 | 23.690 | 34.660 | 0.990 | 0.990 | 0.970 | 0.940 | 0.870 | 0.680 | 0.390 | 0.010 | 0.000 | 0.000 |
| SLPGC | 5 | 28.220 | 48.320 | 1.000 | 0.990 | 0.980 | 0.950 | 0.910 | 0.760 | 0.530 | 0.100 | 0.000 | 0.000 |
| SLPHC | 5 | 8.650 | 5.090 | 0.980 | 0.960 | 0.900 | 0.790 | 0.590 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPVC | 5 | 29.420 | 52.310 | 0.990 | 0.990 | 0.970 | 0.950 | 0.900 | 0.750 | 0.490 | 0.080 | 0.000 | 0.000 |
| SLQGC | 5 | 27.000 | 44.420 | 1.000 | 0.990 | 0.980 | 0.950 | 0.900 | 0.750 | 0.500 | 0.060 | 0.000 | 0.000 |
| SLQVC | 5 | 28.990 | 50.860 | 0.990 | 0.990 | 0.970 | 0.950 | 0.900 | 0.740 | 0.490 | 0.060 | 0.000 | 0.000 |
| SLRGC | 5 | 23.080 | 32.990 | 0.990 | 0.990 | 0.970 | 0.940 | 0.880 | 0.700 | 0.420 | 0.010 | 0.000 | 0.000 |
| SLRVC | 5 | 23.470 | 34.050 | 0.990 | 0.990 | 0.970 | 0.940 | 0.870 | 0.680 | 0.390 | 0.010 | 0.000 | 0.000 |
| SLSVFI | 5 | 3.850 | 1.080 | 0.950 | 0.910 | 0.770 | 0.540 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVFW | 5 | 14.180 | 13.050 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.430 | 0.030 | 0.000 | 0.000 | 0.000 |
| SLBGC | 6 | 0.500 | 0.000 | 0.620 | 0.370 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLDHC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLCGC 6 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCHC 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKGCI 6 | 0.600 | 0.010 | 0.690 | 0.440 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHCI 6 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHSO 6 | 0.130 | 0.000 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHCW 6 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVCI 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVCW 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLMVC 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPGC 6 | 0.220 | 0.000 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPHC 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPVC 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQGC 6 | 0.220 | 0.000 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQVC 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRGC 6 | 0.260 | 0.000 | 0.380 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRVC 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVCI 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVCW 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLBGC 7 | 0.500 | 0.000 | 0.620 | 0.370 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLDHC 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCGC 7 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCHC 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKGCI 7 | 0.600 | 0.010 | 0.690 | 0.440 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHCI 7 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHSO 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHCW 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVCI 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVCW 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLMVC 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPGC 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPHC 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPVC 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQGC 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQVC 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRGC 7 | 0.150 | 0.000 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRVC 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVCI 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVCW 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLBGF | 8 | 16.700 | 17.830 | 0.990 | 0.980 | 0.950 | 0.900 | 0.810 | 0.510 | 0.160 | 0.000 | 0.000 | 0.000 |
| SLDHC | 8 | 6.610 | 3.040 | 0.970 | 0.940 | 0.860 | 0.720 | 0.470 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCGC | 8 | 15.160 | 14.820 | 0.990 | 0.980 | 0.950 | 0.900 | 0.810 | 0.520 | 0.130 | 0.000 | 0.000 | 0.000 |
| SLCHC | 8 | 4.330 | 1.350 | 0.960 | 0.910 | 0.780 | 0.570 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKGFI | 8 | 19.670 | 24.340 | 0.990 | 0.980 | 0.960 | 0.920 | 0.840 | 0.590 | 0.260 | 0.000 | 0.000 | 0.000 |
| SLKHFI | 8 | 4.040 | 1.180 | 0.950 | 0.910 | 0.770 | 0.530 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFO | 8 | 11.910 | 9.370 | 0.990 | 0.970 | 0.930 | 0.850 | 0.710 | 0.380 | 0.010 | 0.000 | 0.000 | 0.000 |
| SLKHFW | 8 | 22.540 | 31.520 | 0.990 | 0.990 | 0.960 | 0.930 | 0.850 | 0.640 | 0.370 | 0.010 | 0.000 | 0.000 |
| SLKVFI | 8 | 15.550 | 15.570 | 0.990 | 0.980 | 0.950 | 0.890 | 0.780 | 0.470 | 0.100 | 0.000 | 0.000 | 0.000 |
| SLKVFW | 8 | 56.460 | 180.540 | 1.000 | 0.990 | 0.990 | 0.970 | 0.940 | 0.860 | 0.720 | 0.440 | 0.000 | 0.000 |
| SLMVC | 8 | 23.690 | 34.660 | 0.990 | 0.990 | 0.970 | 0.940 | 0.870 | 0.680 | 0.390 | 0.010 | 0.000 | 0.000 |
| SLPGC | 8 | 28.220 | 48.320 | 1.000 | 0.990 | 0.980 | 0.950 | 0.910 | 0.760 | 0.530 | 0.100 | 0.000 | 0.000 |
| SLPHC | 8 | 8.650 | 5.090 | 0.980 | 0.960 | 0.900 | 0.790 | 0.590 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPVC | 8 | 29.420 | 52.310 | 0.990 | 0.990 | 0.970 | 0.950 | 0.900 | 0.750 | 0.490 | 0.080 | 0.000 | 0.000 |
| SLQGC | 8 | 27.000 | 44.420 | 1.000 | 0.990 | 0.980 | 0.950 | 0.900 | 0.750 | 0.500 | 0.060 | 0.000 | 0.000 |
| SLQVC | 8 | 28.990 | 50.860 | 0.990 | 0.990 | 0.970 | 0.950 | 0.900 | 0.740 | 0.490 | 0.060 | 0.000 | 0.000 |
| SLRGC | 8 | 23.080 | 32.990 | 0.990 | 0.990 | 0.970 | 0.940 | 0.880 | 0.700 | 0.420 | 0.010 | 0.000 | 0.000 |
| SLRVC | 8 | 23.470 | 34.050 | 0.990 | 0.990 | 0.970 | 0.940 | 0.870 | 0.680 | 0.390 | 0.010 | 0.000 | 0.000 |
| SLSVCI | 8 | 3.850 | 1.080 | 0.950 | 0.910 | 0.770 | 0.540 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVCW | 8 | 14.180 | 13.050 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.430 | 0.030 | 0.000 | 0.000 | 0.000 |
| SLBGC | 9 | 0.250 | 0.000 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLDHC | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCGC | 9 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCHC | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKGCI | 9 | 0.310 | 0.000 | 0.440 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHCI | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHSO | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHCW | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVCI | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVCW | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLMVC | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPGC | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPHC | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPVC | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQGC | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQVC | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRGC | 9 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRVC | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLSVCI 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVCW 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKGFI 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFI 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFO 15 | 3.380 | 0.830 | 0.940 | 0.890 | 0.720 | 0.470 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFW 15 | 22.540 | 31.520 | 0.990 | 0.990 | 0.960 | 0.930 | 0.850 | 0.640 | 0.370 | 0.010 | 0.000 | 0.000 |
| SLKVFI 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVFW 15 | 57.390 | 186.290 | 1.000 | 1.000 | 0.990 | 0.980 | 0.950 | 0.880 | 0.750 | 0.500 | 0.000 | 0.000 |
| SLSVFI 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVFW 15 | 10.750 | 7.700 | 0.990 | 0.970 | 0.930 | 0.850 | 0.710 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLBGC 16 | 0.940 | 0.050 | 0.800 | 0.610 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLDHC 16 | 1.750 | 0.220 | 0.890 | 0.770 | 0.470 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCGC 16 | 4.690 | 1.570 | 0.970 | 0.930 | 0.830 | 0.660 | 0.370 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCHC 16 | 1.120 | 0.080 | 0.820 | 0.640 | 0.330 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKGC 16 | 0.940 | 0.050 | 0.800 | 0.610 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHCI 16 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHSO 16 | 1.350 | 0.130 | 0.850 | 0.700 | 0.390 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHSW 16 | 1.350 | 0.130 | 0.850 | 0.700 | 0.390 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVCI 16 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVSW 16 | 0.430 | 0.000 | 0.560 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLMVC 16 | 11.050 | 8.110 | 0.990 | 0.970 | 0.930 | 0.860 | 0.720 | 0.350 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPGC 16 | 8.900 | 5.380 | 0.980 | 0.970 | 0.910 | 0.830 | 0.650 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPHC 16 | 2.320 | 0.400 | 0.920 | 0.830 | 0.580 | 0.350 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPVC 16 | 9.050 | 5.550 | 0.980 | 0.970 | 0.910 | 0.830 | 0.650 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQGC 16 | 8.480 | 4.900 | 0.980 | 0.960 | 0.910 | 0.820 | 0.630 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQVC 16 | 8.910 | 5.380 | 0.980 | 0.960 | 0.910 | 0.820 | 0.650 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRGC 16 | 10.610 | 7.520 | 0.990 | 0.970 | 0.930 | 0.860 | 0.710 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRVC 16 | 10.940 | 7.970 | 0.990 | 0.970 | 0.930 | 0.860 | 0.720 | 0.350 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVCI 16 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVSW 16 | 0.400 | 0.000 | 0.520 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFO 17 | 6.120 | 2.630 | 0.970 | 0.940 | 0.850 | 0.700 | 0.450 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFW 17 | 6.120 | 2.630 | 0.970 | 0.940 | 0.850 | 0.700 | 0.450 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVFW 17 | 20.350 | 25.960 | 0.990 | 0.990 | 0.960 | 0.930 | 0.850 | 0.630 | 0.320 | 0.000 | 0.000 | 0.000 |
| SLSVFW 17 | 18.840 | 22.420 | 0.990 | 0.980 | 0.960 | 0.920 | 0.840 | 0.600 | 0.270 | 0.000 | 0.000 | 0.000 |
| SLKHSO 18 | 0.400 | 0.000 | 0.490 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHSW 18 | 0.400 | 0.000 | 0.490 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVSW 18 | 0.120 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVSW 18 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLKHFO 19 | 1.670 | 0.200 | 0.880 | 0.760 | 0.460 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFW 19 | 1.670 | 0.200 | 0.880 | 0.760 | 0.460 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVFW 19 | 6.050 | 2.570 | 0.970 | 0.950 | 0.870 | 0.730 | 0.480 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVFW 19 | 5.600 | 2.210 | 0.970 | 0.940 | 0.850 | 0.710 | 0.450 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLBGC 20 | 1.760 | 0.230 | 0.900 | 0.800 | 0.500 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLDHC 20 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCGC 20 | 0.610 | 0.010 | 0.710 | 0.460 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCHC 20 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKGFI 20 | 0.950 | 0.050 | 0.810 | 0.620 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFI 20 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHSO 20 | 0.630 | 0.010 | 0.670 | 0.430 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHCW 20 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVCI 20 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVCW 20 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLMVC 20 | 0.960 | 0.060 | 0.810 | 0.620 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPGC 20 | 1.430 | 0.140 | 0.880 | 0.760 | 0.440 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPHC 20 | 0.140 | 0.000 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPVC 20 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQGC 20 | 1.270 | 0.110 | 0.870 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQVC 20 | 1.120 | 0.080 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRGC 20 | 1.740 | 0.220 | 0.900 | 0.810 | 0.520 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRVC 20 | 0.940 | 0.050 | 0.810 | 0.610 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVFI 20 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVFW 20 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLBGF 21 | 3.470 | 0.880 | 0.950 | 0.910 | 0.760 | 0.530 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKGFI 21 | 4.070 | 1.200 | 0.960 | 0.920 | 0.800 | 0.600 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFI 21 | 0.670 | 0.020 | 0.690 | 0.450 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFO 21 | 11.910 | 9.370 | 0.990 | 0.970 | 0.930 | 0.850 | 0.710 | 0.380 | 0.010 | 0.000 | 0.000 | 0.000 |
| SLKHFW 21 | 11.910 | 9.370 | 0.990 | 0.970 | 0.930 | 0.850 | 0.710 | 0.380 | 0.010 | 0.000 | 0.000 | 0.000 |
| SLKVFI 21 | 3.270 | 0.780 | 0.950 | 0.900 | 0.740 | 0.490 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVFW 21 | 73.770 | 300.170 | 1.000 | 1.000 | 0.990 | 0.980 | 0.960 | 0.900 | 0.810 | 0.620 | 0.070 | 0.000 |
| SLSVFI 21 | 0.820 | 0.040 | 0.780 | 0.550 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVFW 21 | 49.460 | 140.400 | 1.000 | 0.990 | 0.990 | 0.970 | 0.940 | 0.860 | 0.710 | 0.430 | 0.000 | 0.000 |
| SLBGC 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLDHC 22 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCGC 22 | 0.370 | 0.000 | 0.520 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCHC 22 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKGSI 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLKHSI 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHSO 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHSW 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVSI 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVSW 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLMVC 22 | 1.640 | 0.190 | 0.890 | 0.790 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPGC 22 | 0.790 | 0.030 | 0.780 | 0.560 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPHC 22 | 0.140 | 0.000 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPVC 22 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQGC 22 | 1.090 | 0.080 | 0.840 | 0.690 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQVC 22 | 1.120 | 0.080 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRGC 22 | 1.360 | 0.130 | 0.880 | 0.750 | 0.430 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRVC 22 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVFI 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVFW 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLBGC 23 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLDHC 23 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCGC 23 | 0.370 | 0.000 | 0.520 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCHC 23 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKGFI 23 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFI 23 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFO 23 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFW 23 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVFI 23 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVFW 23 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLMVC 23 | 1.640 | 0.190 | 0.890 | 0.790 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPGC 23 | 0.790 | 0.030 | 0.780 | 0.560 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPHC 23 | 0.140 | 0.000 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPVC 23 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQGC 23 | 1.090 | 0.080 | 0.840 | 0.690 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQVC 23 | 1.120 | 0.080 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRGC 23 | 1.360 | 0.130 | 0.880 | 0.750 | 0.430 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRVC 23 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVCI 23 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVSW 23 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFO 24 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLBGC 25 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLDHC 25 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLCGC 25 | 0.370 | 0.000 | 0.520 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCHC 25 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKGC 25 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHC 25 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVC 25 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLMVC 25 | 1.640 | 0.190 | 0.890 | 0.790 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPGC 25 | 0.790 | 0.030 | 0.780 | 0.560 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPHC 25 | 0.140 | 0.000 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPVC 25 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQGC 25 | 1.090 | 0.080 | 0.840 | 0.690 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQVC 25 | 1.120 | 0.080 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRGC 25 | 1.360 | 0.130 | 0.880 | 0.750 | 0.430 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRVC 25 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVS 25 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVFWA26 | 45.380 | 119.220 | 1.000 | 0.990 | 0.980 | 0.960 | 0.930 | 0.820 | 0.640 | 0.330 | 0.000 | 0.000 |
| SLKVCWB26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVFWC26 | 2.280 | 0.380 | 0.920 | 0.840 | 0.600 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVFWD26 | 45.380 | 119.220 | 1.000 | 0.990 | 0.980 | 0.960 | 0.930 | 0.820 | 0.640 | 0.330 | 0.000 | 0.000 |
| SLKVCWE26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVFWA27 | 10.910 | 7.930 | 0.980 | 0.970 | 0.920 | 0.840 | 0.690 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVFWB27 | 10.910 | 7.930 | 0.980 | 0.970 | 0.920 | 0.840 | 0.690 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVFWC27 | 15.470 | 15.400 | 0.990 | 0.980 | 0.950 | 0.890 | 0.780 | 0.470 | 0.110 | 0.000 | 0.000 | 0.000 |
| SLSVFWD27 | 10.910 | 7.930 | 0.980 | 0.970 | 0.920 | 0.840 | 0.690 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVFWE27 | 10.910 | 7.930 | 0.980 | 0.970 | 0.920 | 0.840 | 0.690 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVFWF27 | 15.470 | 15.400 | 0.990 | 0.980 | 0.950 | 0.890 | 0.780 | 0.470 | 0.110 | 0.000 | 0.000 | 0.000 |
| SLKHFWA28 | 22.560 | 31.580 | 0.990 | 0.990 | 0.960 | 0.930 | 0.850 | 0.640 | 0.370 | 0.010 | 0.000 | 0.000 |
| SLKHFWB28 | 30.830 | 57.190 | 0.990 | 0.990 | 0.970 | 0.950 | 0.900 | 0.740 | 0.490 | 0.180 | 0.000 | 0.000 |
| SLKHFWC28 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHCWD28 | 22.560 | 31.580 | 0.990 | 0.990 | 0.960 | 0.930 | 0.850 | 0.640 | 0.370 | 0.010 | 0.000 | 0.000 |
| SLKHFWE28 | 22.560 | 31.580 | 0.990 | 0.990 | 0.960 | 0.930 | 0.850 | 0.640 | 0.370 | 0.010 | 0.000 | 0.000 |
| SLKHFWF28 | 30.830 | 57.190 | 0.990 | 0.990 | 0.970 | 0.950 | 0.900 | 0.740 | 0.490 | 0.180 | 0.000 | 0.000 |
| SLKHFWG28 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHCWH28 | 22.560 | 31.580 | 0.990 | 0.990 | 0.960 | 0.930 | 0.850 | 0.640 | 0.370 | 0.010 | 0.000 | 0.000 |
| SLKHFWI28 | 30.830 | 57.190 | 0.990 | 0.990 | 0.970 | 0.950 | 0.900 | 0.740 | 0.490 | 0.180 | 0.000 | 0.000 |
| SLKHFWJ28 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFWK28 | 22.560 | 31.580 | 0.990 | 0.990 | 0.960 | 0.930 | 0.850 | 0.640 | 0.370 | 0.010 | 0.000 | 0.000 |
| SLKHFWL28 | 30.830 | 57.190 | 0.990 | 0.990 | 0.970 | 0.950 | 0.900 | 0.740 | 0.490 | 0.180 | 0.000 | 0.000 |
| SLKHFWM28 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLKHFWN28 | 22.560 | 31.580 | 0.990 | 0.990 | 0.960 | 0.930 | 0.850 | 0.640 | 0.370 | 0.010 | 0.000 | 0.000 |
| SLKHFWO28 | 30.830 | 57.190 | 0.990 | 0.990 | 0.970 | 0.950 | 0.900 | 0.740 | 0.490 | 0.180 | 0.000 | 0.000 |
| SLKHFWP28 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFWQ28 | 30.830 | 57.190 | 0.990 | 0.990 | 0.970 | 0.950 | 0.900 | 0.740 | 0.490 | 0.180 | 0.000 | 0.000 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLBGC | 1 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLDHC | 1 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCGC | 1 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCHC | 1 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKGCI | 1 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHCI | 1 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHSO | 1 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHSO | 1 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHC | | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVC | 1 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVCW | 1 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLMVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPGC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPHC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQGC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQVC | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRGC | 1 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRVC | 1 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVCI | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVCW | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLBGC | 2 | 0.830 | 0.020 | 0.750 | 0.500 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLDHC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCGC | 2 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCHC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLMVC | 2 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPGC | 2 | 0.160 | 0.000 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPHC | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPVC | 2 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQGC | 2 | 0.160 | 0.000 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQVC | 2 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRGC | 2 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRVC | 2 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVCI | 2 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLBGF | 4 | 90.340 | 175.380 | 1.000 | 1.000 | 0.990 | 0.980 | 0.960 | 0.890 | 0.780 | 0.560 | 0.210 | 0.000 |
| SLDHC | 4 | 39.920 | 40.320 | 0.990 | 0.990 | 0.970 | 0.940 | 0.880 | 0.700 | 0.460 | 0.230 | 0.000 | 0.000 |
| SLCGC | 4 | 74.370 | 123.590 | 1.000 | 0.990 | 0.990 | 0.970 | 0.950 | 0.870 | 0.740 | 0.490 | 0.080 | 0.000 |
| SLCHC | 4 | 23.580 | 15.620 | 0.990 | 0.980 | 0.950 | 0.900 | 0.790 | 0.490 | 0.300 | 0.010 | 0.000 | 0.000 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLKGF | 4 | 107.200 | 238.660 | 1.000 | 1.000 | 0.990 | 0.980 | 0.960 | 0.910 | 0.820 | 0.630 | 0.300 | 0.000 |
| SLKHFI | 4 | 21.700 | 13.440 | 0.990 | 0.980 | 0.940 | 0.890 | 0.770 | 0.480 | 0.270 | 0.000 | 0.000 | 0.000 |
| SLKHFO | 4 | 85.220 | 157.910 | 1.000 | 0.990 | 0.990 | 0.970 | 0.940 | 0.860 | 0.720 | 0.480 | 0.170 | 0.000 |
| SLKHFW | 4 | 201.700 | 744.600 | 1.000 | 1.000 | 0.990 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.460 | 0.260 |
| SLKVFI | 4 | 87.460 | 165.450 | 1.000 | 1.000 | 0.990 | 0.980 | 0.950 | 0.880 | 0.770 | 0.540 | 0.180 | 0.000 |
| SLKVFW | 4 | 292.600 | 1454.610 | 1.000 | 1.000 | 1.000 | 0.990 | 0.990 | 0.970 | 0.950 | 0.900 | 0.750 | 0.490 |
| SLMVC | 4 | 120.020 | 292.460 | 1.000 | 1.000 | 0.990 | 0.980 | 0.970 | 0.920 | 0.840 | 0.670 | 0.340 | 0.010 |
| SLPGC | 4 | 159.640 | 488.780 | 1.000 | 1.000 | 0.990 | 0.990 | 0.980 | 0.940 | 0.890 | 0.770 | 0.460 | 0.140 |
| SLPHC | 4 | 56.220 | 74.680 | 1.000 | 0.990 | 0.980 | 0.960 | 0.910 | 0.780 | 0.570 | 0.370 | 0.000 | 0.000 |
| SLPVC | 4 | 150.420 | 439.130 | 1.000 | 1.000 | 0.990 | 0.990 | 0.970 | 0.940 | 0.870 | 0.750 | 0.430 | 0.090 |
| SLQGC | 4 | 151.120 | 442.820 | 1.000 | 1.000 | 0.990 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.440 | 0.110 |
| SLQVC | 4 | 148.150 | 427.270 | 1.000 | 1.000 | 0.990 | 0.990 | 0.970 | 0.940 | 0.870 | 0.740 | 0.430 | 0.080 |
| SLRGC | 4 | 124.530 | 312.540 | 1.000 | 1.000 | 0.990 | 0.980 | 0.970 | 0.920 | 0.850 | 0.700 | 0.360 | 0.010 |
| SLRVC | 4 | 118.820 | 287.240 | 1.000 | 1.000 | 0.990 | 0.980 | 0.970 | 0.920 | 0.840 | 0.670 | 0.330 | 0.010 |
| SLSVFI | 4 | 18.900 | 10.480 | 0.990 | 0.980 | 0.940 | 0.880 | 0.770 | 0.470 | 0.200 | 0.000 | 0.000 | 0.000 |
| SLSVFW | 4 | 79.460 | 139.220 | 1.000 | 0.990 | 0.990 | 0.970 | 0.950 | 0.870 | 0.740 | 0.490 | 0.120 | 0.000 |
| SLBGF | 5 | 90.340 | 175.380 | 1.000 | 1.000 | 0.990 | 0.980 | 0.960 | 0.890 | 0.780 | 0.560 | 0.210 | 0.000 |
| SLDHC | 5 | 39.920 | 40.320 | 0.990 | 0.990 | 0.970 | 0.940 | 0.880 | 0.700 | 0.460 | 0.230 | 0.000 | 0.000 |
| SLCGC | 5 | 74.370 | 123.590 | 1.000 | 0.990 | 0.990 | 0.970 | 0.950 | 0.870 | 0.740 | 0.490 | 0.080 | 0.000 |
| SLCHC | 5 | 23.580 | 15.620 | 0.990 | 0.980 | 0.950 | 0.900 | 0.790 | 0.490 | 0.300 | 0.010 | 0.000 | 0.000 |
| SLKGFI | 5 | 107.200 | 238.660 | 1.000 | 1.000 | 0.990 | 0.980 | 0.960 | 0.910 | 0.820 | 0.630 | 0.300 | 0.000 |
| SLKHFI | 5 | 21.700 | 13.440 | 0.990 | 0.980 | 0.940 | 0.890 | 0.770 | 0.480 | 0.270 | 0.000 | 0.000 | 0.000 |
| SLKHFO | 5 | 85.220 | 157.910 | 1.000 | 0.990 | 0.990 | 0.970 | 0.940 | 0.860 | 0.720 | 0.480 | 0.170 | 0.000 |
| SLKHFW | 5 | 201.700 | 744.600 | 1.000 | 1.000 | 0.990 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.460 | 0.260 |
| SLKVFI | 5 | 87.460 | 165.450 | 1.000 | 1.000 | 0.990 | 0.980 | 0.950 | 0.880 | 0.770 | 0.540 | 0.180 | 0.000 |
| SLKVFW | 5 | 292.600 | 1454.610 | 1.000 | 1.000 | 1.000 | 0.990 | 0.990 | 0.970 | 0.950 | 0.900 | 0.750 | 0.490 |
| SLMVC | 5 | 120.020 | 292.460 | 1.000 | 1.000 | 0.990 | 0.980 | 0.970 | 0.920 | 0.840 | 0.670 | 0.340 | 0.010 |
| SLPGC | 5 | 159.640 | 488.780 | 1.000 | 1.000 | 0.990 | 0.990 | 0.980 | 0.940 | 0.890 | 0.770 | 0.460 | 0.140 |
| SLPHC | 5 | 56.220 | 74.680 | 1.000 | 0.990 | 0.980 | 0.960 | 0.910 | 0.780 | 0.570 | 0.370 | 0.000 | 0.000 |
| SLPVC | 5 | 150.420 | 439.130 | 1.000 | 1.000 | 0.990 | 0.990 | 0.970 | 0.940 | 0.870 | 0.750 | 0.430 | 0.090 |
| SLQGC | 5 | 151.120 | 442.820 | 1.000 | 1.000 | 0.990 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.440 | 0.110 |
| SLQVC | 5 | 148.150 | 427.270 | 1.000 | 1.000 | 0.990 | 0.990 | 0.970 | 0.940 | 0.870 | 0.740 | 0.430 | 0.080 |
| SLRGC | 5 | 124.530 | 312.540 | 1.000 | 1.000 | 0.990 | 0.980 | 0.970 | 0.920 | 0.850 | 0.700 | 0.360 | 0.010 |
| SLRVC | 5 | 118.820 | 287.240 | 1.000 | 1.000 | 0.990 | 0.980 | 0.970 | 0.920 | 0.840 | 0.670 | 0.330 | 0.010 |
| SLSVFI | 5 | 18.900 | 10.480 | 0.990 | 0.980 | 0.940 | 0.880 | 0.770 | 0.470 | 0.200 | 0.000 | 0.000 | 0.000 |
| SLSVFW | 5 | 79.460 | 139.220 | 1.000 | 0.990 | 0.990 | 0.970 | 0.950 | 0.870 | 0.740 | 0.490 | 0.120 | 0.000 |
| SLBGC | 6 | 1.840 | 0.140 | 0.880 | 0.770 | 0.470 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLDHC | 6 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLCGC | 6 | 0.270 | 0.000 | 0.370 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCHC | 6 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKGCI | 6 | 2.320 | 0.230 | 0.910 | 0.810 | 0.540 | 0.310 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHCI | 6 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHSO | 6 | 0.410 | 0.000 | 0.460 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHCW | 6 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVCI | 6 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVCW | 6 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLMVC | 6 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPGC | 6 | 0.720 | 0.010 | 0.720 | 0.470 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPHC | 6 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPVC | 6 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQGC | 6 | 0.720 | 0.010 | 0.720 | 0.470 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQVC | 6 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRGC | 6 | 0.860 | 0.030 | 0.760 | 0.520 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRVC | 6 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVCI | 6 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVCW | 6 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLBGC | 7 | 1.840 | 0.140 | 0.880 | 0.770 | 0.470 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLDHC | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCGC | 7 | 0.200 | 0.000 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCHC | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKGCI | 7 | 2.320 | 0.230 | 0.910 | 0.810 | 0.540 | 0.310 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHCI | 7 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHSO | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHCW | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVCI | 7 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVCW | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLMVC | 7 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPGC | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPHC | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPVC | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQGC | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQVC | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRGC | 7 | 0.460 | 0.000 | 0.550 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRVC | 7 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVCI | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVCW | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLBGF | 8 | 90.340 | 175.380 | 1.000 | 1.000 | 0.990 | 0.980 | 0.960 | 0.890 | 0.780 | 0.560 | 0.210 | 0.000 |
| SLDHC | 8 | 39.920 | 40.320 | 0.990 | 0.990 | 0.970 | 0.940 | 0.880 | 0.700 | 0.460 | 0.230 | 0.000 | 0.000 |
| SLCGC | 8 | 74.370 | 123.590 | 1.000 | 0.990 | 0.990 | 0.970 | 0.950 | 0.870 | 0.740 | 0.490 | 0.080 | 0.000 |
| SLCHC | 8 | 23.580 | 15.620 | 0.990 | 0.980 | 0.950 | 0.900 | 0.790 | 0.490 | 0.300 | 0.010 | 0.000 | 0.000 |
| SLKGFI | 8 | 107.200 | 238.660 | 1.000 | 1.000 | 0.990 | 0.980 | 0.960 | 0.910 | 0.820 | 0.630 | 0.300 | 0.000 |
| SLKHFI | 8 | 21.700 | 13.440 | 0.990 | 0.980 | 0.940 | 0.890 | 0.770 | 0.480 | 0.270 | 0.000 | 0.000 | 0.000 |
| SLKHFO | 8 | 85.220 | 157.910 | 1.000 | 0.990 | 0.990 | 0.970 | 0.940 | 0.860 | 0.720 | 0.480 | 0.170 | 0.000 |
| SLKHFW | 8 | 201.700 | 744.600 | 1.000 | 1.000 | 0.990 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.460 | 0.260 |
| SLKVFI | 8 | 87.460 | 165.450 | 1.000 | 1.000 | 0.990 | 0.980 | 0.950 | 0.880 | 0.770 | 0.540 | 0.180 | 0.000 |
| SLKVFW | 8 | 292.600 | 1454.610 | 1.000 | 1.000 | 1.000 | 0.990 | 0.990 | 0.970 | 0.950 | 0.900 | 0.750 | 0.490 |
| SLMVC | 8 | 120.020 | 292.460 | 1.000 | 1.000 | 0.990 | 0.980 | 0.970 | 0.920 | 0.840 | 0.670 | 0.340 | 0.010 |
| SLPGC | 8 | 159.640 | 488.780 | 1.000 | 1.000 | 0.990 | 0.990 | 0.980 | 0.940 | 0.890 | 0.770 | 0.460 | 0.140 |
| SLPHC | 8 | 56.220 | 74.680 | 1.000 | 0.990 | 0.980 | 0.960 | 0.910 | 0.780 | 0.570 | 0.370 | 0.000 | 0.000 |
| SLPVC | 8 | 150.420 | 439.130 | 1.000 | 1.000 | 0.990 | 0.990 | 0.970 | 0.940 | 0.870 | 0.750 | 0.430 | 0.090 |
| SLQGC | 8 | 151.120 | 442.820 | 1.000 | 1.000 | 0.990 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.440 | 0.110 |
| SLQVC | 8 | 148.150 | 427.270 | 1.000 | 1.000 | 0.990 | 0.990 | 0.970 | 0.940 | 0.870 | 0.740 | 0.430 | 0.080 |
| SLRGC | 8 | 124.530 | 312.540 | 1.000 | 1.000 | 0.990 | 0.980 | 0.970 | 0.920 | 0.850 | 0.700 | 0.360 | 0.010 |
| SLRVC | 8 | 118.820 | 287.240 | 1.000 | 1.000 | 0.990 | 0.980 | 0.970 | 0.920 | 0.840 | 0.670 | 0.330 | 0.010 |
| SLSVCI | 8 | 18.900 | 10.480 | 0.990 | 0.980 | 0.940 | 0.880 | 0.770 | 0.470 | 0.200 | 0.000 | 0.000 | 0.000 |
| SLSVCW | 8 | 79.460 | 139.220 | 1.000 | 0.990 | 0.990 | 0.970 | 0.950 | 0.870 | 0.740 | 0.490 | 0.120 | 0.000 |
| SLBGC | 9 | 0.830 | 0.020 | 0.750 | 0.500 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLDHC | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCGC | 9 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCHC | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKGCI | 9 | 1.060 | 0.040 | 0.810 | 0.610 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHCI | 9 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHSO | 9 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHCW | 9 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVCI | 9 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVCW | 9 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLMVC | 9 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPGC | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPHC | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPVC | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQGC | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQVC | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRGC | 9 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRVC | 9 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLSVCI 9 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVCW 9 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKGFI 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFI 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFO 15 | 17.450 | 9.080 | 0.990 | 0.970 | 0.930 | 0.860 | 0.720 | 0.430 | 0.170 | 0.000 | 0.000 | 0.000 |
| SLKHFW 15 | 201.700 | 744.600 | 1.000 | 1.000 | 0.990 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.460 | 0.260 |
| SLKVFI 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVFW 15 | 296.600 | 1490.550 | 1.000 | 1.000 | 1.000 | 0.990 | 0.990 | 0.970 | 0.950 | 0.900 | 0.740 | 0.490 |
| SLSVFI 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVFW 15 | 53.480 | 68.250 | 1.000 | 0.990 | 0.980 | 0.960 | 0.920 | 0.810 | 0.620 | 0.370 | 0.000 | 0.000 |
| SLBGC 16 | 3.680 | 0.540 | 0.940 | 0.890 | 0.710 | 0.470 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLDHC 16 | 7.950 | 2.190 | 0.970 | 0.940 | 0.840 | 0.690 | 0.450 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCGC 16 | 18.380 | 9.970 | 0.990 | 0.980 | 0.950 | 0.900 | 0.790 | 0.490 | 0.210 | 0.000 | 0.000 | 0.000 |
| SLCHC 16 | 4.740 | 0.850 | 0.950 | 0.890 | 0.730 | 0.490 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKGC 16 | 3.680 | 0.540 | 0.940 | 0.890 | 0.710 | 0.470 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHCI 16 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHSO 16 | 5.760 | 1.220 | 0.960 | 0.910 | 0.780 | 0.560 | 0.370 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHSW 16 | 5.760 | 1.220 | 0.960 | 0.910 | 0.780 | 0.560 | 0.370 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVCI 16 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVSW 16 | 1.830 | 0.140 | 0.890 | 0.770 | 0.470 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLMVC 16 | 51.460 | 63.670 | 1.000 | 0.990 | 0.980 | 0.960 | 0.920 | 0.800 | 0.600 | 0.360 | 0.000 | 0.000 |
| SLPGC 16 | 39.180 | 38.970 | 0.990 | 0.990 | 0.970 | 0.950 | 0.900 | 0.750 | 0.500 | 0.240 | 0.000 | 0.000 |
| SLPHC 16 | 11.130 | 4.030 | 0.980 | 0.960 | 0.890 | 0.780 | 0.560 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPVC 16 | 40.820 | 41.970 | 1.000 | 0.990 | 0.980 | 0.950 | 0.900 | 0.750 | 0.500 | 0.250 | 0.000 | 0.000 |
| SLQGC 16 | 36.980 | 35.120 | 0.990 | 0.990 | 0.970 | 0.950 | 0.890 | 0.730 | 0.480 | 0.210 | 0.000 | 0.000 |
| SLQVC 16 | 40.080 | 40.610 | 0.990 | 0.990 | 0.970 | 0.950 | 0.900 | 0.750 | 0.500 | 0.250 | 0.000 | 0.000 |
| SLRGC 16 | 48.350 | 56.930 | 1.000 | 0.990 | 0.980 | 0.960 | 0.920 | 0.800 | 0.590 | 0.340 | 0.000 | 0.000 |
| SLRVC 16 | 50.900 | 62.440 | 1.000 | 0.990 | 0.980 | 0.960 | 0.920 | 0.800 | 0.600 | 0.350 | 0.000 | 0.000 |
| SLSVCI 16 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVSW 16 | 1.670 | 0.120 | 0.880 | 0.750 | 0.440 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFO 17 | 36.240 | 33.870 | 0.990 | 0.990 | 0.970 | 0.930 | 0.870 | 0.660 | 0.440 | 0.190 | 0.000 | 0.000 |
| SLKHFW 17 | 36.240 | 33.870 | 0.990 | 0.990 | 0.970 | 0.930 | 0.870 | 0.660 | 0.440 | 0.190 | 0.000 | 0.000 |
| SLKVFW 17 | 107.190 | 238.630 | 1.000 | 1.000 | 0.990 | 0.980 | 0.960 | 0.910 | 0.820 | 0.640 | 0.290 | 0.000 |
| SLSVFW 17 | 98.790 | 206.020 | 1.000 | 1.000 | 0.990 | 0.980 | 0.960 | 0.900 | 0.800 | 0.600 | 0.240 | 0.000 |
| SLKHSO 18 | 1.440 | 0.090 | 0.820 | 0.640 | 0.370 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHSW 18 | 1.440 | 0.090 | 0.820 | 0.640 | 0.370 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVSW 18 | 0.460 | 0.000 | 0.540 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVSW 18 | 0.420 | 0.000 | 0.500 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLKHFO 19 | 7.570 | 2.010 | 0.970 | 0.930 | 0.840 | 0.670 | 0.440 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFW 19 | 7.570 | 2.010 | 0.970 | 0.930 | 0.840 | 0.670 | 0.440 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVFW 19 | 27.820 | 21.030 | 0.990 | 0.990 | 0.960 | 0.930 | 0.850 | 0.630 | 0.380 | 0.020 | 0.000 | 0.000 |
| SLSVFW 19 | 25.400 | 17.860 | 0.990 | 0.980 | 0.960 | 0.920 | 0.840 | 0.600 | 0.350 | 0.010 | 0.000 | 0.000 |
| SLBGC 20 | 7.560 | 2.000 | 0.970 | 0.940 | 0.860 | 0.720 | 0.470 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLDHC 20 | 0.310 | 0.000 | 0.390 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCGC 20 | 1.890 | 0.150 | 0.910 | 0.820 | 0.540 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCHC 20 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKGFI 20 | 3.760 | 0.560 | 0.940 | 0.890 | 0.720 | 0.470 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFI 20 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHSO 20 | 2.450 | 0.250 | 0.900 | 0.790 | 0.490 | 0.320 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHCW 20 | 0.160 | 0.000 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVCI 20 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVCW 20 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLMVC 20 | 2.910 | 0.350 | 0.940 | 0.880 | 0.700 | 0.440 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPGC 20 | 4.760 | 0.860 | 0.960 | 0.930 | 0.810 | 0.630 | 0.360 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPHC 20 | 0.460 | 0.000 | 0.480 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPVC 20 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQGC 20 | 4.210 | 0.690 | 0.960 | 0.920 | 0.790 | 0.580 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQVC 20 | 3.490 | 0.490 | 0.950 | 0.900 | 0.750 | 0.490 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRGC 20 | 5.950 | 1.300 | 0.970 | 0.940 | 0.850 | 0.700 | 0.440 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRVC 20 | 2.840 | 0.330 | 0.940 | 0.880 | 0.690 | 0.430 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVFI 20 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVFW 20 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLBGF 21 | 14.120 | 6.190 | 0.990 | 0.970 | 0.930 | 0.860 | 0.720 | 0.400 | 0.050 | 0.000 | 0.000 | 0.000 |
| SLKGFI 21 | 16.880 | 8.550 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.450 | 0.160 | 0.000 | 0.000 | 0.000 |
| SLKHFI 21 | 2.640 | 0.290 | 0.900 | 0.810 | 0.520 | 0.340 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFO 21 | 85.220 | 157.910 | 1.000 | 0.990 | 0.990 | 0.970 | 0.940 | 0.860 | 0.720 | 0.480 | 0.170 | 0.000 |
| SLKHFW 21 | 85.220 | 157.910 | 1.000 | 0.990 | 0.990 | 0.970 | 0.940 | 0.860 | 0.720 | 0.480 | 0.170 | 0.000 |
| SLKVFI 21 | 13.610 | 5.800 | 0.990 | 0.970 | 0.930 | 0.850 | 0.700 | 0.380 | 0.010 | 0.000 | 0.000 | 0.000 |
| SLKVFW 21 | 369.390 | 2212.680 | 1.000 | 1.000 | 1.000 | 1.000 | 0.990 | 0.980 | 0.960 | 0.930 | 0.810 | 0.630 |
| SLSVFI 21 | 2.760 | 0.310 | 0.930 | 0.860 | 0.660 | 0.400 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVFW 21 | 259.000 | 1167.840 | 1.000 | 1.000 | 1.000 | 0.990 | 0.990 | 0.970 | 0.940 | 0.880 | 0.690 | 0.420 |
| SLBGC 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLDHC 22 | 0.300 | 0.000 | 0.390 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCGC 22 | 1.120 | 0.050 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCHC 22 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKGSI 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

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CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLKHSI 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHSO 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHSW 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVSI 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVSW 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLMVC 22 | 5.390 | 1.080 | 0.970 | 0.930 | 0.830 | 0.660 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPGC 22 | 2.500 | 0.260 | 0.930 | 0.860 | 0.650 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPHC 22 | 0.460 | 0.000 | 0.480 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPVC 22 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQGC 22 | 3.530 | 0.500 | 0.950 | 0.900 | 0.750 | 0.500 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQVC 22 | 3.490 | 0.490 | 0.950 | 0.900 | 0.750 | 0.490 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRGC 22 | 4.530 | 0.790 | 0.960 | 0.920 | 0.800 | 0.610 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRVC 22 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVFI 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVFW 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLBGC 23 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLDHC 23 | 0.300 | 0.000 | 0.390 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCGC 23 | 1.120 | 0.050 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCHC 23 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKGFI 23 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFI 23 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFO 23 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFW 23 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVFI 23 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVFW 23 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLMVC 23 | 5.390 | 1.080 | 0.970 | 0.930 | 0.830 | 0.660 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPGC 23 | 2.500 | 0.260 | 0.930 | 0.860 | 0.650 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPHC 23 | 0.460 | 0.000 | 0.480 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPVC 23 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQGC 23 | 3.530 | 0.500 | 0.950 | 0.900 | 0.750 | 0.500 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQVC 23 | 3.490 | 0.490 | 0.950 | 0.900 | 0.750 | 0.490 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRGC 23 | 4.530 | 0.790 | 0.960 | 0.920 | 0.800 | 0.610 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRVC 23 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVCI 23 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVSW 23 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFO 24 | 0.210 | 0.000 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLBGC 25 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLDHC 25 | 0.300 | 0.000 | 0.390 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLCGC 25 | 1.120 | 0.050 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLCHC 25 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKGC 25 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHC 25 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVC 25 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLMVC 25 | 5.390 | 1.080 | 0.970 | 0.930 | 0.830 | 0.660 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPGC 25 | 2.500 | 0.260 | 0.930 | 0.860 | 0.650 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPHC 25 | 0.460 | 0.000 | 0.480 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLPVC 25 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQGC 25 | 3.530 | 0.500 | 0.950 | 0.900 | 0.750 | 0.500 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLQVC 25 | 3.490 | 0.490 | 0.950 | 0.900 | 0.750 | 0.490 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRGC 25 | 4.530 | 0.790 | 0.960 | 0.920 | 0.800 | 0.610 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLRVC 25 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVS 25 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVFWA26 | 304.210 | 1560.100 | 1.000 | 1.000 | 1.000 | 0.990 | 0.990 | 0.970 | 0.940 | 0.890 | 0.720 | 0.460 |
| SLKVCWB26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVFWC26 | 11.530 | 4.290 | 0.980 | 0.960 | 0.900 | 0.800 | 0.590 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKVFWD26 | 304.210 | 1560.100 | 1.000 | 1.000 | 1.000 | 0.990 | 0.990 | 0.970 | 0.940 | 0.890 | 0.720 | 0.460 |
| SLKVCWE26 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLSVFWA27 | 74.030 | 122.550 | 1.000 | 0.990 | 0.980 | 0.970 | 0.940 | 0.840 | 0.680 | 0.440 | 0.040 | 0.000 |
| SLSVFWB27 | 74.030 | 122.550 | 1.000 | 0.990 | 0.980 | 0.970 | 0.940 | 0.840 | 0.680 | 0.440 | 0.040 | 0.000 |
| SLSVFWC27 | 108.040 | 242.030 | 1.000 | 1.000 | 0.990 | 0.980 | 0.960 | 0.900 | 0.790 | 0.590 | 0.260 | 0.000 |
| SLSVFWD27 | 74.030 | 122.550 | 1.000 | 0.990 | 0.980 | 0.970 | 0.940 | 0.840 | 0.680 | 0.440 | 0.040 | 0.000 |
| SLSVFWE27 | 74.030 | 122.550 | 1.000 | 0.990 | 0.980 | 0.970 | 0.940 | 0.840 | 0.680 | 0.440 | 0.040 | 0.000 |
| SLSVFWF27 | 108.040 | 242.030 | 1.000 | 1.000 | 0.990 | 0.980 | 0.960 | 0.900 | 0.790 | 0.590 | 0.260 | 0.000 |
| SLKHFWA28 | 202.000 | 746.560 | 1.000 | 1.000 | 0.990 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.460 | 0.260 |
| SLKHFWB28 | 314.000 | 1651.720 | 1.000 | 1.000 | 1.000 | 0.990 | 0.980 | 0.960 | 0.920 | 0.840 | 0.610 | 0.410 |
| SLKHFWC28 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHCWD28 | 202.000 | 746.560 | 1.000 | 1.000 | 0.990 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.460 | 0.260 |
| SLKHFWE28 | 202.000 | 746.560 | 1.000 | 1.000 | 0.990 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.460 | 0.260 |
| SLKHFWF28 | 314.000 | 1651.720 | 1.000 | 1.000 | 1.000 | 0.990 | 0.980 | 0.960 | 0.920 | 0.840 | 0.610 | 0.410 |
| SLKHFWG28 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHCWH28 | 202.000 | 746.560 | 1.000 | 1.000 | 0.990 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.460 | 0.260 |
| SLKHFWI28 | 314.000 | 1651.720 | 1.000 | 1.000 | 1.000 | 0.990 | 0.980 | 0.960 | 0.920 | 0.840 | 0.610 | 0.410 |
| SLKHFWJ28 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFWK28 | 202.000 | 746.560 | 1.000 | 1.000 | 0.990 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.460 | 0.260 |
| SLKHFWL28 | 314.000 | 1651.720 | 1.000 | 1.000 | 1.000 | 0.990 | 0.980 | 0.960 | 0.920 | 0.840 | 0.610 | 0.410 |
| SLKHFWM28 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSSL

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLKHFWN28 | 202.000 | 746.560 | 1.000 | 1.000 | 0.990 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.460 | 0.260 |
| SLKHFWO28 | 314.000 | 1651.720 | 1.000 | 1.000 | 1.000 | 0.990 | 0.980 | 0.960 | 0.920 | 0.840 | 0.610 | 0.410 |
| SLKHFWP28 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SLKHFWQ28 | 314.000 | 1651.720 | 1.000 | 1.000 | 1.000 | 0.990 | 0.980 | 0.960 | 0.920 | 0.840 | 0.610 | 0.410 |

# ACTIVITY CODE: SR

# SHORT-TERM STORAGE DUE TO RAIL MODE

Report for file CNSSR

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SRBGS | 1 | 5.497 | 0.000 | 0.000 | 4.524 | 4.403 | 4.524 | 4.403 | 60 | ON | 24.910 | 118.760 | 17.780 | 91.140 | 7.760 | 30.790 |
| SRDHC | 1 | 5.053 | 4.384 | 0.000 | 2.698 | 2.670 | 4.393 | 4.392 | 60 | ON | 7.340 | 45.560 | 5.990 | 34.280 | 2.030 | 9.390 |
| SRCGC | 1 | 4.655 | 3.986 | 0.000 | 3.767 | 3.644 | 4.191 | 4.149 | 60 | ON | 24.670 | 128.830 | 19.260 | 96.830 | 9.000 | 34.120 |
| SRCHC | 1 | 4.956 | 4.287 | 0.000 | 2.611 | 2.583 | 4.296 | 4.296 | 60 | ON | 6.590 | 39.750 | 5.380 | 29.820 | 1.810 | 8.180 |
| SRKGS | 1 | 5.553 | 0.000 | 0.000 | 4.575 | 4.454 | 4.575 | 4.454 | 60 | ON | 26.360 | 125.980 | 18.770 | 96.960 | 8.230 | 32.980 |
| SRKHS | 1 | 5.607 | 0.000 | 0.000 | 3.196 | 3.170 | 3.196 | 3.170 | 60 | ON | 1.860 | 8.280 | 1.510 | 6.190 | 0.470 | 1.660 |
| SRKVS | 1 | 5.581 | 0.000 | 0.000 | 0.963 | 1.100 | 0.963 | 1.100 | 60 | ON | 0.600 | 2.640 | 0.450 | 1.920 | 0.160 | 0.640 |
| SRMVC | 1 | 5.046 | 4.377 | 0.000 | 0.482 | 0.617 | 4.377 | 4.377 | 60 | ON | 34.670 | 177.590 | 25.210 | 133.710 | 11.630 | 48.450 |
| SRPGC | 1 | 4.883 | 4.214 | 0.000 | 3.972 | 3.849 | 4.411 | 4.370 | 60 | ON | 30.090 | 165.240 | 23.770 | 125.510 | 11.390 | 45.250 |
| SRPHC | 1 | 5.139 | 4.470 | 0.000 | 2.775 | 2.748 | 4.479 | 4.478 | 60 | ON | 8.070 | 51.450 | 6.590 | 38.820 | 2.250 | 10.610 |
| SRPVC | 1 | 4.849 | 4.180 | 0.000 | 0.304 | 0.439 | 4.180 | 4.180 | 60 | ON | 28.160 | 143.830 | 20.670 | 107.280 | 9.410 | 37.740 |
| SRQGC | 1 | 4.931 | 4.262 | 0.000 | 4.015 | 3.892 | 4.457 | 4.416 | 60 | ON | 31.350 | 174.020 | 24.850 | 132.520 | 11.970 | 48.050 |
| SRQVC | 1 | 4.931 | 4.262 | 0.000 | 0.378 | 0.513 | 4.262 | 4.262 | 60 | ON | 30.700 | 157.140 | 22.460 | 117.630 | 10.280 | 41.860 |
| SRRGC | 1 | 4.799 | 4.130 | 0.000 | 3.896 | 3.773 | 4.330 | 4.288 | 60 | ON | 27.980 | 150.850 | 22.000 | 114.100 | 10.450 | 40.750 |
| SRRVC | 1 | 4.769 | 4.100 | 0.000 | 0.232 | 0.367 | 4.100 | 4.100 | 60 | ON | 25.890 | 131.790 | 19.070 | 97.990 | 8.630 | 34.140 |
| SRSVS | 1 | 5.208 | 0.000 | 0.000 | 0.627 | 0.763 | 0.627 | 0.763 | 60 | ON | 0.400 | 1.650 | 0.300 | 1.200 | 0.110 | 0.400 |
| SRBGF | 2 | 0.000 | 0.000 | 4.568 | 0.000 | 0.000 | 4.568 | 4.568 | 60 | ON | 26.160 | 143.800 | 18.630 | 111.440 | 8.170 | 38.530 |
| SRDHC | 2 | 0.000 | 4.606 | 3.782 | 0.000 | 0.000 | 4.667 | 4.667 | 20 | ON | 9.930 | 67.230 | 8.120 | 51.110 | 2.810 | 13.880 |
| SRCGC | 2 | 0.000 | 4.208 | 3.685 | 0.000 | 0.000 | 4.322 | 4.322 | 20 | ON | 27.790 | 156.640 | 21.840 | 118.670 | 10.360 | 42.540 |
| SRCHC | 2 | 0.000 | 4.509 | 3.685 | 0.000 | 0.000 | 4.570 | 4.570 | 20 | ON | 8.930 | 58.570 | 7.300 | 44.350 | 2.510 | 12.090 |
| SRKGF | 2 | 0.000 | 0.000 | 4.623 | 0.000 | 0.000 | 4.623 | 4.623 | 60 | ON | 27.840 | 153.170 | 19.760 | 119.120 | 8.700 | 41.540 |
| SRKHF | 2 | 0.000 | 0.000 | 4.377 | 0.000 | 0.000 | 4.377 | 4.377 | 60 | ON | 7.210 | 44.590 | 5.890 | 33.530 | 1.990 | 9.190 |
| SRKVF | 2 | 0.000 | 0.000 | 4.049 | 0.000 | 0.000 | 4.049 | 4.049 | 60 | ON | 22.080 | 124.500 | 15.680 | 93.920 | 6.630 | 32.490 |
| SRMVC | 2 | 0.000 | 4.599 | 3.474 | 0.000 | 0.000 | 4.630 | 4.630 | 20 | ON | 45.360 | 230.690 | 32.540 | 176.430 | 15.250 | 67.170 |
| SRPGC | 2 | 0.000 | 4.436 | 3.913 | 0.000 | 0.000 | 4.550 | 4.550 | 20 | ON | 34.020 | 201.540 | 27.140 | 154.760 | 13.220 | 57.150 |
| SRPHC | 2 | 0.000 | 4.691 | 3.868 | 0.000 | 0.000 | 4.752 | 4.752 | 20 | ON | 10.910 | 75.890 | 8.920 | 57.940 | 3.110 | 15.670 |
| SRPVC | 2 | 0.000 | 4.401 | 3.276 | 0.000 | 0.000 | 4.432 | 4.432 | 20 | ON | 36.760 | 188.220 | 26.660 | 142.140 | 12.340 | 52.000 |
| SRQGC | 2 | 0.000 | 4.484 | 3.961 | 0.000 | 0.000 | 4.598 | 4.598 | 20 | ON | 35.470 | 212.350 | 28.400 | 163.590 | 13.920 | 60.860 |
| SRQVC | 2 | 0.000 | 4.484 | 3.359 | 0.000 | 0.000 | 4.515 | 4.515 | 20 | ON | 40.140 | 205.150 | 28.980 | 155.700 | 13.490 | 57.860 |
| SRRGC | 2 | 0.000 | 4.352 | 3.829 | 0.000 | 0.000 | 4.466 | 4.466 | 20 | ON | 31.600 | 183.800 | 25.060 | 140.380 | 12.090 | 51.230 |
| SRRVC | 2 | 0.000 | 4.322 | 3.197 | 0.000 | 0.000 | 4.353 | 4.353 | 20 | ON | 33.810 | 173.210 | 24.620 | 130.250 | 11.340 | 47.000 |
| SRSVF | 2 | 0.000 | 0.000 | 3.676 | 0.000 | 0.000 | 3.676 | 3.676 | 60 | ON | 14.420 | 80.890 | 10.390 | 59.940 | 4.260 | 19.800 |
| SRBGF | 3 | 0.000 | 0.000 | 4.497 | 0.000 | 0.000 | 4.497 | 4.497 | 60 | ON | 24.150 | 132.480 | 17.260 | 102.220 | 7.520 | 34.980 |
| SRDHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRCGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRCHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKGF | 3 | 0.000 | 0.000 | 4.553 | 0.000 | 0.000 | 4.553 | 4.553 | 60 | ON | 25.720 | 141.340 | 18.330 | 109.430 | 8.030 | 37.750 |
| SRKHF | 3 | 0.000 | 0.000 | 4.306 | 0.000 | 0.000 | 4.306 | 4.306 | 60 | ON | 6.660 | 40.340 | 5.440 | 30.270 | 1.830 | 8.310 |
| SRKVF | 3 | 0.000 | 0.000 | 3.979 | 0.000 | 0.000 | 3.979 | 3.979 | 60 | ON | 20.390 | 115.040 | 14.520 | 86.450 | 6.110 | 29.600 |

Report for file CNSSR

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SRMVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRQGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRQVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRRGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRRVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRSVF | 3 | 0.000 | 0.000 | 3.606 | 0.000 | 0.000 | 3.606 | 3.606 | 60 | ON | 13.310 | 74.410 | 9.620 | 54.990 | 3.920 | 18.040 |
| SRBGS | 4 | 3.351 | 0.000 | 0.000 | 2.593 | 2.469 | 2.593 | 2.469 | 60 | ON | 2.680 | 10.310 | 2.020 | 7.570 | 0.770 | 2.380 |
| SRDHC | 4 | 0.000 | 2.238 | 2.907 | 0.000 | 0.000 | 2.991 | 2.991 | 60 | ON | 1.460 | 6.460 | 1.180 | 4.850 | 0.370 | 1.290 |
| SRCGC | 4 | 0.000 | 1.840 | 2.509 | 0.000 | 0.000 | 2.593 | 2.593 | 60 | ON | 4.990 | 19.770 | 3.820 | 14.710 | 1.550 | 5.150 |
| SRCHC | 4 | 0.000 | 2.141 | 2.810 | 0.000 | 0.000 | 2.894 | 2.894 | 60 | ON | 1.300 | 5.650 | 1.050 | 4.250 | 0.320 | 1.130 |
| SRKGS | 4 | 3.407 | 0.000 | 0.000 | 2.643 | 2.520 | 2.643 | 2.520 | 60 | ON | 2.850 | 11.030 | 2.150 | 8.100 | 0.820 | 2.550 |
| SRKHS | 4 | 3.461 | 0.000 | 0.000 | 1.265 | 1.236 | 1.265 | 1.236 | 60 | ON | 0.180 | 0.570 | 0.140 | 0.450 | 0.040 | 0.110 |
| SRKVS | 4 | 3.435 | 0.000 | 0.000 | -0.968 | -0.834 | -0.968 | -0.834 | 60 | ON | 0.050 | 0.190 | 0.040 | 0.140 | 0.010 | 0.040 |
| SRMVC | 4 | 0.000 | 2.231 | 2.900 | 0.000 | 0.000 | 2.984 | 2.984 | 60 | ON | 8.070 | 35.690 | 6.130 | 26.190 | 2.550 | 8.790 |
| SRPGC | 4 | 0.000 | 2.068 | 2.737 | 0.000 | 0.000 | 2.821 | 2.821 | 60 | ON | 6.360 | 26.290 | 4.860 | 19.500 | 2.010 | 6.760 |
| SRPHC | 4 | 0.000 | 2.323 | 2.992 | 0.000 | 0.000 | 3.076 | 3.076 | 60 | ON | 1.620 | 7.270 | 1.310 | 5.450 | 0.410 | 1.460 |
| SRPVC | 4 | 0.000 | 2.033 | 2.702 | 0.000 | 0.000 | 2.786 | 2.786 | 60 | ON | 6.550 | 27.930 | 4.990 | 20.540 | 2.050 | 6.940 |
| SRQGC | 4 | 0.000 | 2.116 | 2.785 | 0.000 | 0.000 | 2.869 | 2.869 | 60 | ON | 6.690 | 27.910 | 5.110 | 20.680 | 2.120 | 7.160 |
| SRQVC | 4 | 0.000 | 2.116 | 2.785 | 0.000 | 0.000 | 2.869 | 2.869 | 60 | ON | 7.150 | 30.960 | 5.440 | 22.750 | 2.250 | 7.660 |
| SRRGC | 4 | 0.000 | 1.984 | 2.653 | 0.000 | 0.000 | 2.737 | 2.737 | 60 | ON | 5.820 | 23.680 | 4.450 | 17.580 | 1.820 | 6.110 |
| SRRVC | 4 | 0.000 | 1.954 | 2.623 | 0.000 | 0.000 | 2.707 | 2.707 | 60 | ON | 6.030 | 25.300 | 4.600 | 18.630 | 1.870 | 6.320 |
| SRSVS | 4 | 3.062 | 0.000 | 0.000 | -1.304 | -1.170 | -1.304 | -1.170 | 60 | ON | 0.030 | 0.130 | 0.030 | 0.090 | 0.010 | 0.020 |
| SRBGF | 5 | 0.000 | 0.000 | 4.568 | 0.000 | 0.000 | 4.568 | 4.568 | 60 | ON | 26.160 | 143.800 | 18.630 | 111.440 | 8.170 | 38.530 |
| SRDHC | 5 | 0.000 | 4.606 | 3.782 | 0.000 | 0.000 | 4.667 | 4.667 | 20 | ON | 9.930 | 67.230 | 8.120 | 51.110 | 2.810 | 13.880 |
| SRCGC | 5 | 0.000 | 4.208 | 3.685 | 0.000 | 0.000 | 4.322 | 4.322 | 20 | ON | 27.790 | 156.640 | 21.840 | 118.670 | 10.360 | 42.540 |
| SRCHC | 5 | 0.000 | 4.509 | 3.685 | 0.000 | 0.000 | 4.570 | 4.570 | 20 | ON | 8.930 | 58.570 | 7.300 | 44.350 | 2.510 | 12.090 |
| SRKGF | 5 | 0.000 | 0.000 | 4.623 | 0.000 | 0.000 | 4.623 | 4.623 | 60 | ON | 27.840 | 153.170 | 19.760 | 119.120 | 8.700 | 41.540 |
| SRKHF | 5 | 0.000 | 0.000 | 4.377 | 0.000 | 0.000 | 4.377 | 4.377 | 60 | ON | 7.210 | 44.590 | 5.890 | 33.530 | 1.990 | 9.190 |
| SRKVF | 5 | 0.000 | 0.000 | 4.049 | 0.000 | 0.000 | 4.049 | 4.049 | 60 | ON | 22.080 | 124.500 | 15.680 | 93.920 | 6.630 | 32.490 |
| SRMVC | 5 | 0.000 | 4.599 | 3.474 | 0.000 | 0.000 | 4.630 | 4.630 | 20 | ON | 45.360 | 230.690 | 32.540 | 176.430 | 15.250 | 67.170 |
| SRPGC | 5 | 0.000 | 4.436 | 3.913 | 0.000 | 0.000 | 4.550 | 4.550 | 20 | ON | 34.020 | 201.540 | 27.140 | 154.760 | 13.220 | 57.150 |
| SRPHC | 5 | 0.000 | 4.691 | 3.868 | 0.000 | 0.000 | 4.752 | 4.752 | 20 | ON | 10.910 | 75.890 | 8.920 | 57.940 | 3.110 | 15.670 |
| SRPVC | 5 | 0.000 | 4.401 | 3.276 | 0.000 | 0.000 | 4.432 | 4.432 | 20 | ON | 36.760 | 188.220 | 26.660 | 142.140 | 12.340 | 52.000 |
| SRQGC | 5 | 0.000 | 4.484 | 3.961 | 0.000 | 0.000 | 4.598 | 4.598 | 20 | ON | 35.470 | 212.350 | 28.400 | 163.590 | 13.920 | 60.860 |
| SRQVC | 5 | 0.000 | 4.484 | 3.359 | 0.000 | 0.000 | 4.515 | 4.515 | 20 | ON | 40.140 | 205.150 | 28.980 | 155.700 | 13.490 | 57.860 |
| SRRGC | 5 | 0.000 | 4.352 | 3.829 | 0.000 | 0.000 | 4.466 | 4.466 | 20 | ON | 31.600 | 183.800 | 25.060 | 140.380 | 12.090 | 51.230 |

Report for file CNSSR

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SRRVC | 5 | 0.000 | 4.322 | 3.197 | 0.000 | 0.000 | 4.353 | 4.353 | 20 | ON | 33.810 | 173.210 | 24.620 | 130.250 | 11.340 | 47.000 |
| SRSVF | 5 | 0.000 | 0.000 | 3.676 | 0.000 | 0.000 | 3.676 | 3.676 | 60 | ON | 14.420 | 80.890 | 10.390 | 59.940 | 4.260 | 19.800 |
| SRBGF | 6 | 0.000 | 0.000 | 2.351 | 0.000 | 0.000 | 2.351 | 2.351 | 60 | ON | 2.020 | 8.800 | 1.520 | 6.460 | 0.570 | 2.040 |
| SRDHC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRCGC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRCHC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKGF | 6 | 0.000 | 0.000 | 2.407 | 0.000 | 0.000 | 2.407 | 2.407 | 60 | ON | 2.150 | 9.490 | 1.630 | 6.970 | 0.610 | 2.200 |
| SRKHF | 6 | 0.000 | 0.000 | 2.160 | 0.000 | 0.000 | 2.160 | 2.160 | 60 | ON | 0.540 | 2.060 | 0.430 | 1.580 | 0.130 | 0.400 |
| SRKVF | 6 | 0.000 | 0.000 | 1.833 | 0.000 | 0.000 | 1.833 | 1.833 | 60 | ON | 1.700 | 7.320 | 1.270 | 5.310 | 0.470 | 1.720 |
| SRMVC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPGC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPHC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPVC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRQGC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRQVC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRRGC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRRVC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | ON | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRSVF | 6 | 0.000 | 0.000 | 1.460 | 0.000 | 0.000 | 1.460 | 1.460 | 60 | ON | 1.090 | 4.360 | 0.820 | 3.170 | 0.300 | 1.040 |
| SRBGS | 7 | 0.000 | 0.000 | 0.255 | 0.000 | 0.000 | 0.255 | 0.255 | 120 | ON | 0.160 | 0.490 | 0.120 | 0.370 | 0.040 | 0.120 |
| SRDHS | 7 | 0.000 | 0.000 | -1.081 | 0.000 | 0.000 | -1.081 | -1.081 | 120 | ON | 0.010 | 0.020 | 0.010 | 0.020 | 0.000 | 0.000 |
| SRCGS | 7 | 0.000 | 0.000 | 0.255 | 0.000 | 0.000 | 0.255 | 0.255 | 120 | ON | 0.160 | 0.490 | 0.120 | 0.370 | 0.040 | 0.120 |
| SRCHS | 7 | 0.000 | 0.000 | -1.081 | 0.000 | 0.000 | -1.081 | -1.081 | 120 | ON | 0.010 | 0.020 | 0.010 | 0.020 | 0.000 | 0.000 |
| SRKGS | 7 | 0.000 | 0.000 | 0.255 | 0.000 | 0.000 | 0.255 | 0.255 | 120 | ON | 0.160 | 0.490 | 0.120 | 0.370 | 0.040 | 0.120 |
| SRKHS | 7 | 0.000 | 0.000 | -1.081 | 0.000 | 0.000 | -1.081 | -1.081 | 120 | ON | 0.010 | 0.020 | 0.010 | 0.020 | 0.000 | 0.000 |
| SRKVS | 7 | 0.000 | 0.000 | -3.000 | 0.000 | 0.000 | -3.000 | -3.000 | 120 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| SRMVS | 7 | 0.000 | 0.000 | -3.000 | 0.000 | 0.000 | -3.000 | -3.000 | 120 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| SRPGS | 7 | 0.000 | 0.000 | 0.255 | 0.000 | 0.000 | 0.255 | 0.255 | 120 | ON | 0.160 | 0.490 | 0.120 | 0.370 | 0.040 | 0.120 |
| SRPHS | 7 | 0.000 | 0.000 | -1.081 | 0.000 | 0.000 | -1.081 | -1.081 | 120 | ON | 0.010 | 0.020 | 0.010 | 0.020 | 0.000 | 0.000 |
| SRPVS | 7 | 0.000 | 0.000 | -3.000 | 0.000 | 0.000 | -3.000 | -3.000 | 120 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| SRQGS | 7 | 0.000 | 0.000 | 0.255 | 0.000 | 0.000 | 0.255 | 0.255 | 120 | ON | 0.160 | 0.490 | 0.120 | 0.370 | 0.040 | 0.120 |
| SRQVS | 7 | 0.000 | 0.000 | -3.000 | 0.000 | 0.000 | -3.000 | -3.000 | 120 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| SRRGS | 7 | 0.000 | 0.000 | 0.255 | 0.000 | 0.000 | 0.255 | 0.255 | 120 | ON | 0.160 | 0.490 | 0.120 | 0.370 | 0.040 | 0.120 |
| SRRVS | 7 | 0.000 | 0.000 | -3.000 | 0.000 | 0.000 | -3.000 | -3.000 | 120 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| SRSVS | 7 | 0.000 | 0.000 | -3.000 | 0.000 | 0.000 | -3.000 | -3.000 | 120 | ON | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| SRDHC | 8 | 1.477 | 0.778 | 0.000 | -0.220 | -0.245 | 0.820 | 0.817 | 120 | ON | 0.100 | 0.320 | 0.080 | 0.260 | 0.020 | 0.060 |
| SRCGC | 8 | 0.903 | 0.204 | 0.000 | 0.691 | 0.572 | 0.813 | 0.727 | 120 | ON | 0.660 | 1.840 | 0.520 | 1.420 | 0.190 | 0.530 |
| SRCHC | 8 | 1.204 | 0.505 | 0.000 | -0.465 | -0.490 | 0.549 | 0.547 | 120 | ON | 0.070 | 0.220 | 0.060 | 0.180 | 0.020 | 0.040 |
| SRMVC | 8 | 3.042 | 0.000 | 0.000 | -1.021 | -0.887 | -1.021 | -0.887 | 120 | ON | 0.050 | 0.180 | 0.040 | 0.130 | 0.010 | 0.040 |
| SRPGC | 8 | 1.512 | 0.000 | 0.000 | 1.239 | 1.118 | 1.239 | 1.118 | 120 | ON | 0.530 | 1.630 | 0.400 | 1.210 | 0.140 | 0.390 |

Report for file CNSSR

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SRPHC | 8 | 1.767 | 0.000 | 0.000 | 0.041 | 0.015 | 0.041 | 0.015 | 120 | ON | 0.040 | 0.100 | 0.030 | 0.080 | 0.010 | 0.020 |
| SRPVC | 8 | 1.477 | 1.505 | 0.000 | -2.430 | -2.292 | 1.505 | 1.505 | 120 | ON | 1.650 | 5.440 | 1.260 | 4.100 | 0.470 | 1.500 |
| SRQGC | 8 | 1.860 | 0.813 | 0.000 | 1.552 | 1.430 | 1.625 | 1.524 | 120 | ON | 1.700 | 5.090 | 1.330 | 3.870 | 0.510 | 1.430 |
| SRQVC | 8 | 1.860 | 1.068 | 0.000 | -2.085 | -1.949 | 1.068 | 1.068 | 120 | ON | 1.010 | 3.100 | 0.770 | 2.350 | 0.280 | 0.870 |
| SRRGC | 8 | 2.793 | 0.778 | 0.000 | 2.392 | 2.268 | 2.402 | 2.282 | 120 | ON | 4.060 | 13.360 | 3.120 | 10.000 | 1.250 | 3.560 |
| SRRVC | 8 | 2.763 | 1.161 | 0.000 | -1.272 | -1.138 | 1.163 | 1.163 | 120 | ON | 1.130 | 3.500 | 0.860 | 2.650 | 0.310 | 0.980 |
| SRBGF | 9 | 0.000 | 0.000 | 2.422 | 0.000 | 0.000 | 2.422 | 2.422 | 60 | ON | 2.190 | 9.680 | 1.660 | 7.110 | 0.620 | 2.240 |
| SRDHC | 9 | 0.000 | 2.459 | 1.635 | 0.000 | 0.000 | 2.520 | 2.520 | 20 | ON | 0.830 | 3.370 | 0.670 | 2.560 | 0.200 | 0.670 |
| SRCGC | 9 | 0.000 | 2.061 | 1.539 | 0.000 | 0.000 | 2.175 | 2.175 | 20 | ON | 3.160 | 11.660 | 2.440 | 8.750 | 0.960 | 3.130 |
| SRCHC | 9 | 0.000 | 2.362 | 1.539 | 0.000 | 0.000 | 2.423 | 2.423 | 20 | ON | 0.740 | 2.950 | 0.600 | 2.250 | 0.180 | 0.580 |
| SRKGF | 9 | 0.000 | 0.000 | 2.477 | 0.000 | 0.000 | 2.477 | 2.477 | 60 | ON | 2.340 | 10.420 | 1.770 | 7.650 | 0.660 | 2.410 |
| SRKHF | 9 | 0.000 | 0.000 | 2.230 | 0.000 | 0.000 | 2.230 | 2.230 | 60 | ON | 0.590 | 2.260 | 0.470 | 1.730 | 0.140 | 0.440 |
| SRKVF | 9 | 0.000 | 0.000 | 1.903 | 0.000 | 0.000 | 1.903 | 1.903 | 60 | ON | 1.850 | 8.060 | 1.380 | 5.850 | 0.510 | 1.890 |
| SRMVC | 9 | 0.000 | 2.453 | 1.328 | 0.000 | 0.000 | 2.484 | 2.484 | 20 | ON | 4.770 | 19.110 | 3.640 | 14.120 | 1.460 | 4.850 |
| SRPGC | 9 | 0.000 | 2.290 | 1.767 | 0.000 | 0.000 | 2.404 | 2.404 | 20 | ON | 4.060 | 15.580 | 3.120 | 11.640 | 1.250 | 4.110 |
| SRPHC | 9 | 0.000 | 2.545 | 1.721 | 0.000 | 0.000 | 2.606 | 2.606 | 20 | ON | 0.920 | 3.800 | 0.750 | 2.880 | 0.230 | 0.750 |
| SRPVC | 9 | 0.000 | 2.255 | 1.130 | 0.000 | 0.000 | 2.286 | 2.286 | 20 | ON | 3.860 | 14.860 | 2.950 | 11.020 | 1.170 | 3.830 |
| SRQGC | 9 | 0.000 | 2.337 | 1.815 | 0.000 | 0.000 | 2.451 | 2.451 | 20 | ON | 4.280 | 16.530 | 3.290 | 12.340 | 1.320 | 4.350 |
| SRQVC | 9 | 0.000 | 2.337 | 1.213 | 0.000 | 0.000 | 2.368 | 2.368 | 20 | ON | 4.210 | 16.500 | 3.220 | 12.220 | 1.280 | 4.230 |
| SRRGC | 9 | 0.000 | 2.205 | 1.683 | 0.000 | 0.000 | 2.319 | 2.319 | 20 | ON | 3.700 | 14.000 | 2.850 | 10.470 | 1.130 | 3.720 |
| SRRVC | 9 | 0.000 | 2.176 | 1.051 | 0.000 | 0.000 | 2.207 | 2.207 | 20 | ON | 3.550 | 13.430 | 2.710 | 9.980 | 1.060 | 3.490 |
| SRSVC | 9 | 0.000 | 0.000 | 1.530 | 0.000 | 0.000 | 1.530 | 1.530 | 60 | ON | 1.190 | 4.810 | 0.890 | 3.500 | 0.320 | 1.140 |

Report for file CNSSR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SRBGS | 1 | 24.91 | 118.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SRDHC | 1 | 7.34 | 45.56 | 53.39 | 1072.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 31.80 | 495.88 | 1.61 | 335.52 | 0.59 | 51.83 | 0.00 | 0.00 |
| SRCGC | 1 | 24.67 | 128.83 | 2392.55 | 9026.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 4858.19 | 0.00 | 0.00 |
| SRCHC | 1 | 6.59 | 39.75 | 53.39 | 1072.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 335.52 | 0.59 | 51.83 | 0.00 | 0.00 |
| SRKGS | 1 | 26.36 | 125.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 4858.19 | 0.00 | 0.00 |
| SRKHS | 1 | 1.86 | 8.28 | 0.15 | 21.28 | 6.26 | 89.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| SRKVS | 1 | 0.60 | 2.64 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.22 | 2.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.00 | 0.00 |
| SRMVC | 1 | 34.67 | 177.59 | 2392.55 | 9026.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1435.40 | 6598.40 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SRPGC | 1 | 30.09 | 165.24 | 2392.55 | 9026.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SRPHC | 1 | 8.07 | 51.45 | 53.39 | 3104.88 | 0.00 | 0.00 | 111.73 | 2413.14 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 1539.60 | 0.59 | 2295.76 | 0.00 | 0.00 |
| SRPVC | 1 | 28.16 | 143.83 | 2392.55 | 9026.63 | 0.00 | 0.00 | 1900.95 | 7101.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SRQGC | 1 | 31.35 | 174.02 | 2392.55 | 9026.63 | 0.00 | 0.00 | 1900.95 | 7101.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SRQVC | 1 | 30.70 | 157.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SRRGC | 1 | 27.98 | 150.85 | 2392.55 | 9026.63 | 0.00 | 0.00 | 1900.95 | 7101.14 | 0.00 | 0.00 | 1435.40 | 6598.40 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SRRVC | 1 | 25.89 | 131.79 | 2392.55 | 9026.63 | 0.00 | 0.00 | 1900.95 | 7101.14 | 0.00 | 0.00 | 1435.40 | 6598.40 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SRSVS | 1 | 0.40 | 1.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| SRBGF | 2 | 26.16 | 143.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SRDHC | 2 | 9.93 | 67.23 | 53.39 | 3104.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 31.80 | 2292.73 | 1.61 | 1539.60 | 0.59 | 2295.76 | 0.00 | 0.00 |
| SRCGC | 2 | 27.79 | 156.64 | 2392.55 | 9026.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 4858.19 | 0.00 | 0.00 |
| SRCHC | 2 | 8.93 | 58.57 | 53.39 | 3104.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 1539.60 | 0.59 | 2295.76 | 0.00 | 0.00 |
| SRKGF | 2 | 27.84 | 153.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 4858.19 | 0.00 | 0.00 |
| SRKHF | 2 | 7.21 | 44.59 | 53.39 | 1072.78 | 218.97 | 4567.70 | 0.00 | 0.00 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| SRKVF | 2 | 22.08 | 124.50 | 2392.55 | 9026.63 | 0.00 | 0.00 | 0.00 | 0.00 | 1229.01 | 7310.53 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 4858.19 | 0.00 | 0.00 |
| SRMVC | 2 | 45.36 | 230.69 | 2392.55 | 26410.1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1435.40 | 14061.0 | 0.00 | 0.00 | 116.38 | 16772.8 | 428.01 | 5459.91 |
| SRPGC | 2 | 34.02 | 201.54 | 2392.55 | 26410.1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 16772.8 | 428.01 | 5459.91 |
| SRPHC | 2 | 10.91 | 75.89 | 508.49 | 3104.88 | 0.00 | 0.00 | 334.98 | 2413.14 | 0.00 | 0.00 | 0.00 | 0.00 | 20.62 | 1539.60 | 2.42 | 2295.76 | 0.00 | 0.00 |
| SRPVC | 2 | 36.76 | 188.22 | 2392.55 | 9026.63 | 0.00 | 0.00 | 1900.95 | 7101.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SRQGC | 2 | 35.47 | 212.35 | 2392.55 | 26410.1 | 0.00 | 0.00 | 1900.95 | 15981.7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 16772.8 | 428.01 | 5459.91 |
| SRQVC | 2 | 40.14 | 205.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 16772.8 | 428.01 | 5459.91 |
| SRRGC | 2 | 31.60 | 183.80 | 2392.55 | 9026.63 | 0.00 | 0.00 | 1900.95 | 7101.14 | 0.00 | 0.00 | 1435.40 | 6598.40 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SRRVC | 2 | 33.81 | 173.21 | 2392.55 | 9026.63 | 0.00 | 0.00 | 1900.95 | 7101.14 | 0.00 | 0.00 | 1435.40 | 6598.40 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SRSVF | 2 | 14.42 | 80.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SRBGF | 3 | 24.15 | 132.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SRDHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRCGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRCHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRKGF | 3 | 25.72 | 141.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 4858.19 | 0.00 | 0.00 |

Report for file CNSSR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SRKHF | 3 | 6.66 | 40.34 | 53.39 | 1072.78 | 218.97 | 4567.70 | 0.00 | 0.00 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| SRKVF | 3 | 20.39 | 115.04 | 2392.55 | 9026.63 | 0.00 | 0.00 | 0.00 | 0.00 | 1229.01 | 7310.53 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 4858.19 | 0.00 | 0.00 |
| SRMVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRPGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRPHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRPVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRQGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRQVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRRGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRRVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRSVF | 3 | 13.31 | 74.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SRBGS | 4 | 2.68 | 10.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SRDHC | 4 | 1.46 | 6.46 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.05 | 0.69 | 0.03 | 0.26 | 0.00 | 0.00 |
| SRCGC | 4 | 4.99 | 19.77 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| SRCHC | 4 | 1.30 | 5.65 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.69 | 0.03 | 0.26 | 0.00 | 0.00 |
| SRKGS | 4 | 2.85 | 11.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| SRKHS | 4 | 0.18 | 0.57 | 0.00 | 0.01 | 0.00 | 1.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRKVS | 4 | 0.05 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRMVC | 4 | 8.07 | 35.69 | 53.39 | 1072.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| SRPGC | 4 | 6.36 | 26.29 | 53.39 | 1072.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| SRPHC | 4 | 1.62 | 7.27 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.69 | 0.03 | 0.26 | 0.00 | 0.00 |
| SRPVC | 4 | 6.55 | 27.93 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| SRQGC | 4 | 6.69 | 27.91 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| SRQVC | 4 | 7.15 | 30.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| SRRGC | 4 | 5.82 | 23.68 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| SRRVC | 4 | 6.03 | 25.30 | 53.39 | 1072.78 | 0.00 | 0.00 | 111.73 | 777.27 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| SRSVS | 4 | 0.03 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRBGF | 5 | 26.16 | 143.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SRDHC | 5 | 9.93 | 67.23 | 53.39 | 3104.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 31.80 | 2292.73 | 1.61 | 1539.60 | 0.59 | 2295.76 | 0.00 | 0.00 |
| SRCGC | 5 | 27.79 | 156.64 | 2392.55 | 9026.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 4858.19 | 0.00 | 0.00 |
| SRCHC | 5 | 8.93 | 58.57 | 53.39 | 3104.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 1539.60 | 0.59 | 2295.76 | 0.00 | 0.00 |
| SRKGF | 5 | 27.84 | 153.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 4858.19 | 0.00 | 0.00 |
| SRKHF | 5 | 7.21 | 44.59 | 53.39 | 1072.78 | 218.97 | 4567.70 | 0.00 | 0.00 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| SRKVF | 5 | 22.08 | 124.50 | 2392.55 | 9026.63 | 0.00 | 0.00 | 0.00 | 0.00 | 1229.01 | 7310.53 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 4858.19 | 0.00 | 0.00 |
| SRMVC | 5 | 45.36 | 230.69 | 2392.55 | 26410.1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1435.40 | 14061.0 | 0.00 | 0.00 | 116.38 | 16772.8 | 428.01 | 5459.91 |
| SRPGC | 5 | 34.02 | 201.54 | 2392.55 | 26410.1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 16772.8 | 428.01 | 5459.91 |
| SRPHC | 5 | 10.91 | 75.89 | 508.49 | 3104.88 | 0.00 | 0.00 | 334.98 | 2413.14 | 0.00 | 0.00 | 0.00 | 0.00 | 20.62 | 1539.60 | 2.42 | 2295.76 | 0.00 | 0.00 |

Report for file CNSSR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SRPVC | 5 | 36.76 | 188.22 | 2392.55 | 9026.63 | 0.00 | 0.00 | 1900.95 | 7101.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SRQGC | 5 | 35.47 | 212.35 | 2392.55 | 26410.1 | 0.00 | 0.00 | 1900.95 | 15981.7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 16772.8 | 428.01 | 5459.91 |
| SRQVC | 5 | 40.14 | 205.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 116.38 | 16772.8 | 428.01 | 5459.91 |
| SRRGC | 5 | 31.60 | 183.80 | 2392.55 | 9026.63 | 0.00 | 0.00 | 1900.95 | 7101.14 | 0.00 | 0.00 | 1435.40 | 6598.40 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SRRVC | 5 | 33.81 | 173.21 | 2392.55 | 9026.63 | 0.00 | 0.00 | 1900.95 | 7101.14 | 0.00 | 0.00 | 1435.40 | 6598.40 | 0.00 | 0.00 | 116.38 | 4858.19 | 428.01 | 2563.90 |
| SRSVF | 5 | 14.42 | 80.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SRBGF | 6 | 2.02 | 8.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| SRDHC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRCGC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRCHC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRKGF | 6 | 2.15 | 9.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.00 | 0.00 |
| SRKHF | 6 | 0.54 | 2.06 | 0.03 | 0.68 | 2.40 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| SRKVF | 6 | 1.70 | 7.32 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.86 | 9.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.00 | 0.00 |
| SRMVC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRPGC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRPHC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRPVC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRQGC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRQVC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRRGC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRRVC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRSVF | 6 | 1.09 | 4.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| SRBGS | 7 | 0.16 | 0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRDHS | 7 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRCGS | 7 | 0.16 | 0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRCHS | 7 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRKGS | 7 | 0.16 | 0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRKHS | 7 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRKVS | 7 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRMVS | 7 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRPGS | 7 | 0.16 | 0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRPHS | 7 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRPVS | 7 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRQGS | 7 | 0.16 | 0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRQVS | 7 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRRGS | 7 | 0.16 | 0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRRVS | 7 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSSR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SRSVS | 7 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRDHC | 8 | 0.10 | 0.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRCGC | 8 | 0.66 | 1.84 | 0.03 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 |
| SRCHC | 8 | 0.07 | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRMVC | 8 | 0.05 | 0.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRPGC | 8 | 0.53 | 1.63 | 0.03 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.02 |
| SRPHC | 8 | 0.04 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRPVC | 8 | 1.65 | 5.44 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| SRQGC | 8 | 1.70 | 5.09 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| SRQVC | 8 | 1.01 | 3.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| SRRGC | 8 | 4.06 | 13.36 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SRRVC | 8 | 1.13 | 3.50 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| SRBGF | 9 | 2.19 | 9.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| SRDHC | 9 | 0.83 | 3.37 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| SRCGC | 9 | 3.16 | 11.66 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| SRCHC | 9 | 0.74 | 2.95 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| SRKGF | 9 | 2.34 | 10.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| SRKHF | 9 | 0.59 | 2.26 | 0.03 | 0.68 | 2.40 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| SRKVF | 9 | 1.85 | 8.06 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.86 | 9.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.00 | 0.00 |
| SRMVC | 9 | 4.77 | 19.11 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SRPGC | 9 | 4.06 | 15.58 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SRPHC | 9 | 0.92 | 3.80 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| SRPVC | 9 | 3.86 | 14.86 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SRQGC | 9 | 4.28 | 16.53 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SRQVC | 9 | 4.21 | 16.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SRRGC | 9 | 3.70 | 14.00 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SRRVC | 9 | 3.55 | 13.43 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SRSVC | 9 | 1.19 | 4.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |

Report for file CNSSR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SRBGS | 1 | 24.91 | 118.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SRDHC | 1 | 7.34 | 45.56 | 151.19 | 4986.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 94.53 | 5359.40 | 5.86 | 6301.77 | 0.79 | 1072.28 | 0.00 | 0.00 |
| SRCGC | 1 | 24.67 | 128.83 | 11024.50 | 70513.2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 58626.2 | 0.00 | 0.00 |
| SRCHC | 1 | 6.59 | 39.75 | 151.19 | 4986.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.86 | 6301.77 | 0.79 | 1072.28 | 0.00 | 0.00 |
| SRKGS | 1 | 26.36 | 125.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 58626.2 | 0.00 | 0.00 |
| SRKHS | 1 | 1.86 | 8.28 | 0.63 | 57.27 | 96.96 | 834.65 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| SRKVS | 1 | 0.60 | 2.64 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 1.92 | 7.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.00 | 0.00 |
| SRMVC | 1 | 34.67 | 177.59 | 11024.50 | 70513.2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12383.6 | 40078.2 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SRPGC | 1 | 30.09 | 165.24 | 11024.50 | 70513.2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SRPHC | 1 | 8.07 | 51.45 | 151.19 | 10730.7 | 0.00 | 0.00 | 1082.52 | 18640.3 | 0.00 | 0.00 | 0.00 | 0.00 | 5.86 | 16472.8 | 0.79 | 19811.6 | 0.00 | 0.00 |
| SRPVC | 1 | 28.16 | 145.83 | 11024.50 | 70513.2 | 0.00 | 0.00 | 10698.9 | 54119.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SROGC | 1 | 31.35 | 174.02 | 11024.50 | 70513.2 | 0.00 | 0.00 | 10698.9 | 54119.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SROVC | 1 | 30.70 | 157.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SRRGC | 1 | 27.98 | 150.85 | 11024.50 | 70513.2 | 0.00 | 0.00 | 10698.9 | 54119.3 | 0.00 | 0.00 | 12383.6 | 40078.2 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SRRVC | 1 | 25.89 | 131.79 | 11024.50 | 70513.2 | 0.00 | 0.00 | 10698.9 | 54119.3 | 0.00 | 0.00 | 12383.6 | 40078.2 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SRSVS | 1 | 0.40 | 1.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| SRBGF | 2 | 26.16 | 143.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SRDHC | 2 | 9.93 | 67.23 | 151.19 | 10730.7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 94.53 | 15659.8 | 5.86 | 16472.8 | 0.79 | 19811.6 | 0.00 | 0.00 |
| SRCGC | 2 | 27.79 | 156.64 | 11024.50 | 70513.2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 58626.2 | 0.00 | 0.00 |
| SRCHC | 2 | 8.93 | 58.57 | 151.19 | 10730.7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.86 | 16472.8 | 0.79 | 19811.6 | 0.00 | 0.00 |
| SRKGF | 2 | 27.84 | 153.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 58626.2 | 0.00 | 0.00 |
| SRKHF | 2 | 7.21 | 44.59 | 151.19 | 4986.01 | 1542.20 | 42006.8 | 0.00 | 0.00 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| SRKVF | 2 | 22.08 | 124.50 | 11024.50 | 70513.2 | 0.00 | 0.00 | 0.00 | 0.00 | 5719.43 | 45548.2 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 58626.2 | 0.00 | 0.00 |
| SRMVC | 2 | 45.36 | 230.69 | 11024.50 | 244118 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12383.6 | 106272 | 0.00 | 0.00 | 2041.05 | 218803 | 5282.97 | 49811.7 |
| SRPGC | 2 | 34.02 | 201.54 | 11024.50 | 244118 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 218803 | 5282.97 | 49811.7 |
| SRPHC | 2 | 10.91 | 75.89 | 2625.48 | 10730.7 | 0.00 | 0.00 | 3489.80 | 18640.3 | 0.00 | 0.00 | 0.00 | 0.00 | 78.26 | 16472.8 | 4.17 | 19811.6 | 0.00 | 0.00 |
| SRPVC | 2 | 36.76 | 188.22 | 11024.50 | 70513.2 | 0.00 | 0.00 | 10698.9 | 54119.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SROGC | 2 | 35.47 | 212.35 | 11024.50 | 244118 | 0.00 | 0.00 | 10698.9 | 107246 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 218803 | 5282.97 | 49811.7 |
| SROVC | 2 | 40.14 | 205.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 218803 | 5282.97 | 49811.7 |
| SRRGC | 2 | 31.60 | 183.80 | 11024.50 | 70513.2 | 0.00 | 0.00 | 10698.9 | 54119.3 | 0.00 | 0.00 | 12383.6 | 40078.2 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SRRVC | 2 | 33.81 | 173.21 | 11024.50 | 70513.2 | 0.00 | 0.00 | 10698.9 | 54119.3 | 0.00 | 0.00 | 12383.6 | 40078.2 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SRSVF | 2 | 14.42 | 80.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SRBGF | 3 | 24.15 | 132.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SRDHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRCGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRCHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRKGF | 3 | 25.72 | 141.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 58626.2 | 0.00 | 0.00 |

Report for file CNSSR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SRKHF | 3 | 6.66 | 40.34 | 151.19 | 4986.01 | 1542.20 | 42006.8 | 0.00 | 0.00 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| SRKVF | 3 | 20.39 | 115.04 | 11024.50 | 70513.2 | 0.00 | 0.00 | 0.00 | 0.00 | 5719.43 | 45548.2 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 58626.2 | 0.00 | 0.00 |
| SRMVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRPGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRPHC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRPVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRQGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRQVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRRGC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRRVC | 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRSVF | 3 | 13.31 | 74.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SRBGS | 4 | 2.68 | 10.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SRDHC | 4 | 1.46 | 6.46 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.16 | 2.85 | 0.08 | 0.42 | 0.00 | 0.00 |
| SRCGC | 4 | 4.99 | 19.77 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| SRCHC | 4 | 1.30 | 5.65 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 2.85 | 0.08 | 0.42 | 0.00 | 0.00 |
| SRKGS | 4 | 2.85 | 11.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| SRKHS | 4 | 0.18 | 0.57 | 0.00 | 0.19 | 0.00 | 43.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.33 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| SRKVS | 4 | 0.05 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRMVC | 4 | 8.07 | 35.69 | 151.19 | 4986.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| SRPGC | 4 | 6.36 | 26.29 | 151.19 | 4986.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| SRPHC | 4 | 1.62 | 7.27 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 2.85 | 0.08 | 0.42 | 0.00 | 0.00 |
| SRPVC | 4 | 6.55 | 27.93 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| SRQGC | 4 | 6.69 | 27.91 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| SRQVC | 4 | 7.15 | 30.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| SRRGC | 4 | 5.82 | 23.68 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| SRRVC | 4 | 6.03 | 25.30 | 151.19 | 4986.01 | 0.00 | 0.00 | 1082.52 | 6570.40 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| SRSVS | 4 | 0.03 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRBGF | 5 | 26.16 | 143.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SRDHC | 5 | 9.93 | 67.23 | 151.19 | 10730.7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 94.53 | 15659.8 | 5.86 | 16472.8 | 0.79 | 19811.6 | 0.00 | 0.00 |
| SRCGC | 5 | 27.79 | 156.64 | 11024.50 | 70513.2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 58626.2 | 0.00 | 0.00 |
| SRCHC | 5 | 8.93 | 58.57 | 151.19 | 10730.7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.86 | 16472.8 | 0.79 | 19811.6 | 0.00 | 0.00 |
| SRKGF | 5 | 27.84 | 153.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 58626.2 | 0.00 | 0.00 |
| SRKHF | 5 | 7.21 | 44.59 | 151.19 | 4986.01 | 1542.20 | 42006.8 | 0.00 | 0.00 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| SRKVF | 5 | 22.08 | 124.50 | 11024.50 | 70513.2 | 0.00 | 0.00 | 0.00 | 0.00 | 5719.43 | 45548.2 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 58626.2 | 0.00 | 0.00 |
| SRMVC | 5 | 45.36 | 230.69 | 11024.50 | 244118 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12383.6 | 106272 | 0.00 | 0.00 | 2041.05 | 218803 | 5282.97 | 49811.7 |
| SRPGC | 5 | 34.02 | 201.54 | 11024.50 | 244118 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 218803 | 5282.97 | 49811.7 |
| SRPHC | 5 | 10.91 | 75.89 | 2625.48 | 10730.7 | 0.00 | 0.00 | 3489.80 | 18640.3 | 0.00 | 0.00 | 0.00 | 0.00 | 78 26 | 16472.8 | 4.17 | 19811.6 | 0.00 | 0.00 |

Report for file CNSSR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SRPVC | 5 | 36.76 | 188.22 | 11024.50 | 70513.2 | 0.00 | 0.00 | 10698.9 | 54119.3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SRQGC | 5 | 35.47 | 212.35 | 11024.50 | 244118 | 0.00 | 0.00 | 10698.9 | 107246 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 218803 | 5282.97 | 49811.7 |
| SRQVC | 5 | 40.14 | 205.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2041.05 | 218803 | 5282.97 | 49811.7 |
| SRRGC | 5 | 31.60 | 183.80 | 11024.50 | 70513.2 | 0.00 | 0.00 | 10698.9 | 54119.3 | 0.00 | 0.00 | 12383.6 | 40078.2 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SRRVC | 5 | 33.81 | 173.21 | 11024.50 | 70513.2 | 0.00 | 0.00 | 10698.9 | 54119.3 | 0.00 | 0.00 | 12383.6 | 40078.2 | 0.00 | 0.00 | 2041.05 | 58626.2 | 5282.97 | 23792.6 |
| SRSVF | 5 | 14.42 | 80.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SRBGF | 6 | 2.02 | 8.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| SRDHC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRCGC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRCHC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRKGF | 6 | 2.15 | 9.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 0.00 | 0.00 |
| SRKHF | 6 | 0.54 | 2.06 | 0.19 | 2.85 | 67.78 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| SRKVF | 6 | 1.70 | 7.32 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 3.46 | 16.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.00 | 0.00 |
| SRMVC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRPGC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRPHC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRPVC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRQGC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRQVC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRRGC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRRVC | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRSVF | 6 | 1.09 | 4.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| SRBGS | 7 | 0.16 | 0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRDHS | 7 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRCGS | 7 | 0.16 | 0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRCHS | 7 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRKGS | 7 | 0.16 | 0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRKHS | 7 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRKVS | 7 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRMVS | 7 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRPGS | 7 | 0.16 | 0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRPHS | 7 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRPVS | 7 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRQGS | 7 | 0.16 | 0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRQVS | 7 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRRGS | 7 | 0.16 | 0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRRVS | 7 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSSR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SRSVS | 7 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRDHC | 8 | 0.10 | 0.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRCGC | 8 | 0.66 | 1.84 | 0.19 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.05 | 0.00 | 0.00 |
| SRCHC | 8 | 0.07 | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRMVC | 8 | 0.05 | 0.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRPGC | 8 | 0.53 | 1.63 | 0.19 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.05 | 0.07 | 0.26 |
| SRPHC | 8 | 0.04 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SRPVC | 8 | 1.65 | 5.44 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| SRQGC | 8 | 1.70 | 5.09 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| SRQVC | 8 | 1.01 | 3.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| SRRGC | 8 | 4.06 | 13.36 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SRRVC | 8 | 1.13 | 3.50 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| SRBGF | 9 | 2.19 | 9.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| SRDHC | 9 | 0.83 | 3.37 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| SRCGC | 9 | 3.16 | 11.66 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| SRCHC | 9 | 0.74 | 2.95 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| SRKGF | 9 | 2.34 | 10.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| SRKH: | 9 | 0.59 | 2.26 | 0.19 | 2.85 | 67.78 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| SRKVF | 9 | 1.85 | 8.06 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 3.46 | 16.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.00 | 0.00 |
| SRMVC | 9 | 4.77 | 19.11 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SRPGC | 9 | 4.06 | 15.58 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SRPHC | 9 | 0.92 | 3.80 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| SRPVC | 9 | 3.86 | 14.86 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SRQGC | 9 | 4.28 | 16.53 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SRQVC | 9 | 4.21 | 16.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SRRGC | 9 | 3.70 | 14.00 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SRRVC | 9 | 3.55 | 13.43 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SRSVC | 9 | 1.19 | 4.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |

Report for file CNSSR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SRBGS | 1 | 24.910 | 38.120 | 0.990 | 0.990 | 0.970 | 0.940 | 0.870 | 0.680 | 0.390 | 0.010 | 0.000 | 0.000 |
| SRDHC | 1 | 7.340 | 3.720 | 0.980 | 0.950 | 0.880 | 0.750 | 0.510 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRCGC | 1 | 24.670 | 37.430 | 0.990 | 0.990 | 0.970 | 0.940 | 0.890 | 0.720 | 0.450 | 0.010 | 0.000 | 0.000 |
| SRCHC | 1 | 6.590 | 3.030 | 0.970 | 0.940 | 0.860 | 0.720 | 0.470 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKGS | 1 | 26.360 | 42.470 | 0.990 | 0.990 | 0.970 | 0.940 | 0.880 | 0.700 | 0.420 | 0.010 | 0.000 | 0.000 |
| SRKHS | 1 | 1.860 | 0.250 | 0.890 | 0.790 | 0.490 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKVS | 1 | 0.600 | 0.010 | 0.690 | 0.430 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRMVC | 1 | 34.670 | 71.460 | 1.000 | 0.990 | 0.980 | 0.960 | 0.910 | 0.790 | 0.570 | 0.200 | 0.000 | 0.000 |
| SRPGC | 1 | 30.090 | 54.590 | 1.000 | 0.990 | 0.980 | 0.960 | 0.910 | 0.780 | 0.560 | 0.160 | 0.000 | 0.000 |
| SRPHC | 1 | 8.070 | 4.460 | 0.980 | 0.960 | 0.890 | 0.780 | 0.560 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPVC | 1 | 28.160 | 48.150 | 0.990 | 0.990 | 0.970 | 0.950 | 0.890 | 0.730 | 0.470 | 0.040 | 0.000 | 0.000 |
| SRQGC | 1 | 31.350 | 59.020 | 1.000 | 0.990 | 0.980 | 0.960 | 0.920 | 0.790 | 0.580 | 0.190 | 0.000 | 0.000 |
| SRQVC | 1 | 30.700 | 56.740 | 1.000 | 0.990 | 0.980 | 0.950 | 0.900 | 0.760 | 0.510 | 0.110 | 0.000 | 0.000 |
| SRRGC | 1 | 27.980 | 47.560 | 1.000 | 0.990 | 0.980 | 0.950 | 0.900 | 0.760 | 0.520 | 0.090 | 0.000 | 0.000 |
| SRRVC | 1 | 25.890 | 41.040 | 0.990 | 0.990 | 0.970 | 0.940 | 0.880 | 0.710 | 0.440 | 0.010 | 0.000 | 0.000 |
| SRSVS | 1 | 0.400 | 0.000 | 0.520 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRBGF | 2 | 26.160 | 41.850 | 0.990 | 0.990 | 0.970 | 0.940 | 0.880 | 0.690 | 0.410 | 0.010 | 0.000 | 0.000 |
| SRDHC | 2 | 9.930 | 6.630 | 0.980 | 0.960 | 0.910 | 0.820 | 0.640 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRCGC | 2 | 27.790 | 46.930 | 1.000 | 0.990 | 0.980 | 0.950 | 0.900 | 0.760 | 0.520 | 0.090 | 0.000 | 0.000 |
| SRCHC | 2 | 8.930 | 5.410 | 0.980 | 0.960 | 0.900 | 0.800 | 0.600 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKGF | 2 | 27.840 | 47.090 | 0.990 | 0.990 | 0.970 | 0.940 | 0.890 | 0.710 | 0.440 | 0.010 | 0.000 | 0.000 |
| SRKHF | 2 | 7.210 | 3.600 | 0.970 | 0.950 | 0.870 | 0.750 | 0.500 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKVF | 2 | 22.080 | 30.330 | 0.990 | 0.980 | 0.960 | 0.920 | 0.850 | 0.620 | 0.320 | 0.000 | 0.000 | 0.000 |
| SRMVC | 2 | 45.360 | 119.120 | 1.000 | 0.990 | 0.980 | 0.970 | 0.930 | 0.840 | 0.670 | 0.370 | 0.000 | 0.000 |
| SRPGC | 2 | 34.020 | 68.960 | 1.000 | 0.990 | 0.980 | 0.960 | 0.920 | 0.810 | 0.620 | 0.260 | 0.000 | 0.000 |
| SRPHC | 2 | 10.910 | 7.920 | 0.980 | 0.970 | 0.920 | 0.840 | 0.680 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPVC | 2 | 36.760 | 79.870 | 1.000 | 0.990 | 0.980 | 0.960 | 0.920 | 0.800 | 0.590 | 0.240 | 0.000 | 0.000 |
| SRQGC | 2 | 35.470 | 74.660 | 1.000 | 0.990 | 0.980 | 0.960 | 0.930 | 0.820 | 0.640 | 0.290 | 0.000 | 0.000 |
| SRQVC | 2 | 40.140 | 94.410 | 1.000 | 0.990 | 0.980 | 0.960 | 0.930 | 0.810 | 0.630 | 0.290 | 0.000 | 0.000 |
| SRRGC | 2 | 31.600 | 59.930 | 1.000 | 0.990 | 0.980 | 0.960 | 0.920 | 0.790 | 0.590 | 0.200 | 0.000 | 0.000 |
| SRRVC | 2 | 33.810 | 68.150 | 1.000 | 0.990 | 0.980 | 0.960 | 0.910 | 0.780 | 0.560 | 0.180 | 0.000 | 0.000 |
| SRSVF | 2 | 14.420 | 13.480 | 0.990 | 0.980 | 0.940 | 0.880 | 0.770 | 0.440 | 0.040 | 0.000 | 0.000 | 0.000 |
| SRBGF | 3 | 24.150 | 35.930 | 0.990 | 0.990 | 0.970 | 0.930 | 0.870 | 0.670 | 0.380 | 0.010 | 0.000 | 0.000 |
| SRDHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRCGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRCHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKGF | 3 | 25.720 | 40.530 | 0.990 | 0.990 | 0.970 | 0.940 | 0.880 | 0.690 | 0.410 | 0.010 | 0.000 | 0.000 |
| SRKHF | 3 | 6.660 | 3.090 | 0.970 | 0.950 | 0.860 | 0.730 | 0.480 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSSR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SRKVF | 3 | 20.390 | 26.050 | 0.990 | 0.980 | 0.960 | 0.920 | 0.840 | 0.590 | 0.270 | 0.000 | 0.000 | 0.000 |
| SRMVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRQGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRQVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRRGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRRVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRSVF | 3 | 13.310 | 11.580 | 0.990 | 0.970 | 0.940 | 0.870 | 0.750 | 0.410 | 0.010 | 0.000 | 0.000 | 0.000 |
| SRBGS | 4 | 2.680 | 0.530 | 0.930 | 0.870 | 0.670 | 0.410 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRDHC | 4 | 1.460 | 0.150 | 0.860 | 0.730 | 0.420 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRCGC | 4 | 4.990 | 1.770 | 0.970 | 0.940 | 0.840 | 0.680 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRCHC | 4 | 1.300 | 0.120 | 0.850 | 0.690 | 0.380 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKGS | 4 | 2.850 | 0.600 | 0.940 | 0.880 | 0.690 | 0.430 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKHS | 4 | 0.180 | 0.000 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKVS | 4 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRMVC | 4 | 8.070 | 4.460 | 0.980 | 0.960 | 0.900 | 0.800 | 0.610 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPGC | 4 | 6.360 | 2.830 | 0.980 | 0.950 | 0.880 | 0.750 | 0.500 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPHC | 4 | 1.620 | 0.190 | 0.880 | 0.750 | 0.450 | 0.180 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPVC | 4 | 6.550 | 2.990 | 0.980 | 0.950 | 0.880 | 0.760 | 0.510 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRQGC | 4 | 6.690 | 3.120 | 0.980 | 0.950 | 0.880 | 0.760 | 0.530 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRQVC | 4 | 7.150 | 3.540 | 0.980 | 0.960 | 0.890 | 0.780 | 0.550 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRRGC | 4 | 5.820 | 2.380 | 0.970 | 0.950 | 0.860 | 0.730 | 0.470 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRRVC | 4 | 6.030 | 2.550 | 0.970 | 0.950 | 0.870 | 0.730 | 0.480 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRSVS | 4 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRBGF | 5 | 26.160 | 41.850 | 0.990 | 0.990 | 0.970 | 0.940 | 0.880 | 0.690 | 0.410 | 0.010 | 0.000 | 0.000 |
| SRDHC | 5 | 9.930 | 6.630 | 0.980 | 0.960 | 0.910 | 0.820 | 0.640 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRCGC | 5 | 27.790 | 46.930 | 1.000 | 0.990 | 0.980 | 0.950 | 0.900 | 0.760 | 0.520 | 0.090 | 0.000 | 0.000 |
| SRCHC | 5 | 8.930 | 5.410 | 0.980 | 0.960 | 0.900 | 0.800 | 0.600 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKGF | 5 | 27.840 | 47.090 | 0.990 | 0.990 | 0.970 | 0.940 | 0.890 | 0.710 | 0.440 | 0.010 | 0.000 | 0.000 |
| SRKHF | 5 | 7.210 | 3.600 | 0.970 | 0.950 | 0.870 | 0.750 | 0.500 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKVF | 5 | 22.080 | 30.330 | 0.990 | 0.980 | 0.960 | 0.920 | 0.850 | 0.620 | 0.320 | 0.000 | 0.000 | 0.000 |
| SRMVC | 5 | 45.360 | 119.120 | 1.000 | 0.990 | 0.980 | 0.970 | 0.930 | 0.840 | 0.670 | 0.370 | 0.000 | 0.000 |
| SRPGC | 5 | 34.020 | 68.960 | 1.000 | 0.990 | 0.980 | 0.960 | 0.920 | 0.810 | 0.620 | 0.260 | 0.000 | 0.000 |
| SRPHC | 5 | 10.910 | 7.920 | 0.980 | 0.970 | 0.920 | 0.840 | 0.680 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPVC | 5 | 36.760 | 79.870 | 1.000 | 0.990 | 0.980 | 0.960 | 0.920 | 0.800 | 0.590 | 0.240 | 0.000 | 0.000 |
| SRQGC | 5 | 35.470 | 74.660 | 1.000 | 0.990 | 0.980 | 0.960 | 0.930 | 0.820 | 0.640 | 0.290 | 0.000 | 0.000 |

Report for file CNSSR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SRQVC | 5 | 40.140 | 94.410 | 1.000 | 0.990 | 0.980 | 0.960 | 0.930 | 0.810 | 0.630 | 0.290 | 0.000 | 0.000 |
| SRRGC | 5 | 31.600 | 59.930 | 1.000 | 0.990 | 0.980 | 0.960 | 0.920 | 0.790 | 0.590 | 0.200 | 0.000 | 0.000 |
| SRRVC | 5 | 33.810 | 68.150 | 1.000 | 0.990 | 0.980 | 0.960 | 0.910 | 0.780 | 0.560 | 0.180 | 0.000 | 0.000 |
| SRSVF | 5 | 14.420 | 13.480 | 0.990 | 0.980 | 0.940 | 0.880 | 0.770 | 0.440 | 0.040 | 0.000 | 0.000 | 0.000 |
| SRBGF | 6 | 2.020 | 0.300 | 0.910 | 0.820 | 0.560 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRDHC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRCGC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRCHC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKGF | 6 | 2.150 | 0.340 | 0.920 | 0.840 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKHF | 6 | 0.540 | 0.000 | 0.610 | 0.390 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKVF | 6 | 1.700 | 0.210 | 0.890 | 0.790 | 0.480 | 0.180 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRMVC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPGC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPHC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPVC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRQGC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRQVC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRRGC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRRVC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRSVF | 6 | 1.090 | 0.080 | 0.830 | 0.660 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRBGS | 7 | 0.160 | 0.000 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRDHS | 7 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRCGS | 7 | 0.160 | 0.000 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRCHS | 7 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKGS | 7 | 0.160 | 0.000 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKHS | 7 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRMVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPGS | 7 | 0.160 | 0.000 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPHS | 7 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRQGS | 7 | 0.160 | 0.000 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRQVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRRGS | 7 | 0.160 | 0.000 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRRVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRSVS | 7 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRDHC | 8 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRCGC | 8 | 0.660 | 0.020 | 0.740 | 0.480 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSSR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SRCHC | 8 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRMVC | 8 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPGC | 8 | 0.530 | 0.000 | 0.650 | 0.390 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPHC | 8 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPVC | 8 | 1.650 | 0.200 | 0.890 | 0.790 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRQGC | 8 | 1.700 | 0.210 | 0.900 | 0.800 | 0.510 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRQVC | 8 | 1.010 | 0.060 | 0.820 | 0.640 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRRGC | 8 | 4.060 | 1.190 | 0.960 | 0.920 | 0.800 | 0.600 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRRVC | 8 | 1.130 | 0.080 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRBGF | 9 | 2.190 | 0.350 | 0.920 | 0.840 | 0.600 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRDHC | 9 | 0.830 | 0.040 | 0.750 | 0.510 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRCGC | 9 | 3.160 | 0.730 | 0.950 | 0.900 | 0.740 | 0.490 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRCHC | 9 | 0.740 | 0.030 | 0.720 | 0.480 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKGF | 9 | 2.340 | 0.400 | 0.920 | 0.850 | 0.620 | 0.350 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKHF | 9 | 0.590 | 0.010 | 0.640 | 0.410 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKVF | 9 | 1.850 | 0.250 | 0.900 | 0.800 | 0.510 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRMVC | 9 | 4.770 | 1.620 | 0.970 | 0.930 | 0.830 | 0.660 | 0.380 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPGC | 9 | 4.060 | 1.190 | 0.960 | 0.920 | 0.800 | 0.600 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPHC | 9 | 0.920 | 0.050 | 0.780 | 0.560 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPVC | 9 | 3.860 | 1.080 | 0.940 | 0.910 | 0.790 | 0.570 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRQGC | 9 | 4.280 | 1.320 | 0.960 | 0.920 | 0.810 | 0.620 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRQVC | 9 | 4.210 | 1.280 | 0.960 | 0.920 | 0.800 | 0.610 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRRGC | 9 | 3.700 | 1.000 | 0.960 | 0.910 | 0.780 | 0.560 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRRVC | 9 | 3.550 | 0.920 | 0.950 | 0.910 | 0.770 | 0.530 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRSVC | 9 | 1.190 | 0.100 | 0.840 | 0.690 | 0.350 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSSR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SRBGS | 1 | 118.760 | 286.960 | 1.000 | 1.000 | 0.990 | 0.980 | 0.970 | 0.920 | 0.840 | 0.680 | 0.340 | 0.010 |
| SRDHC | 1 | 45.560 | 51.150 | 0.990 | 0.990 | 0.970 | 0.950 | 0.890 | 0.730 | 0.490 | 0.290 | 0.000 | 0.000 |
| SRCGC | 1 | 128.830 | 332.240 | 1.000 | 1.000 | 0.990 | 0.990 | 0.970 | 0.930 | 0.850 | 0.710 | 0.380 | 0.010 |
| SRCHC | 1 | 39.750 | 40.000 | 0.990 | 0.990 | 0.970 | 0.940 | 0.880 | 0.690 | 0.460 | 0.230 | 0.000 | 0.000 |
| SRKGS | 1 | 125.980 | 319.120 | 1.000 | 1.000 | 0.990 | 0.980 | 0.970 | 0.920 | 0.850 | 0.700 | 0.370 | 0.010 |
| SRKHS | 1 | 8.280 | 2.360 | 0.970 | 0.940 | 0.850 | 0.700 | 0.460 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKVS | 1 | 2.640 | 0.290 | 0.920 | 0.840 | 0.610 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRMVC | 1 | 177.590 | 592.130 | 1.000 | 1.000 | 0.990 | 0.990 | 0.980 | 0.950 | 0.900 | 0.790 | 0.490 | 0.200 |
| SRPGC | 1 | 165.240 | 520.080 | 1.000 | 1.000 | 0.990 | 0.990 | 0.980 | 0.940 | 0.890 | 0.780 | 0.470 | 0.170 |
| SRPHC | 1 | 51.450 | 63.650 | 1.000 | 0.990 | 0.980 | 0.950 | 0.910 | 0.760 | 0.530 | 0.340 | 0.000 | 0.000 |
| SRPVC | 1 | 143.830 | 405.080 | 1.000 | 1.000 | 0.990 | 0.990 | 0.970 | 0.930 | 0.870 | 0.740 | 0.410 | 0.060 |
| SRQGC | 1 | 174.020 | 570.840 | 1.000 | 1.000 | 0.990 | 0.990 | 0.980 | 0.950 | 0.900 | 0.790 | 0.490 | 0.200 |
| SRQVC | 1 | 157.140 | 475.080 | 1.000 | 1.000 | 0.990 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.450 | 0.120 |
| SRRGC | 1 | 150.850 | 441.410 | 1.000 | 1.000 | 0.990 | 0.990 | 0.980 | 0.940 | 0.880 | 0.750 | 0.440 | 0.100 |
| SRRVC | 1 | 131.790 | 346.110 | 1.000 | 1.000 | 0.990 | 0.990 | 0.970 | 0.930 | 0.850 | 0.710 | 0.380 | 0.020 |
| SRSVS | 1 | 1.650 | 0.110 | 0.880 | 0.750 | 0.440 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRBGF | 2 | 143.800 | 404.960 | 1.000 | 1.000 | 0.990 | 0.990 | 0.970 | 0.940 | 0.870 | 0.740 | 0.420 | 0.090 |
| SRDHC | 2 | 67.230 | 103.030 | 1.000 | 0.990 | 0.980 | 0.960 | 0.930 | 0.820 | 0.640 | 0.420 | 0.020 | 0.000 |
| SRCGC | 2 | 156.640 | 472.350 | 1.000 | 1.000 | 0.990 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.450 | 0.130 |
| SRCHC | 2 | 58.570 | 80.390 | 1.000 | 0.990 | 0.980 | 0.960 | 0.920 | 0.790 | 0.590 | 0.380 | 0.010 | 0.000 |
| SRKGF | 2 | 153.170 | 453.670 | 1.000 | 1.000 | 0.990 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.450 | 0.130 |
| SRKHF | 2 | 44.590 | 49.200 | 0.990 | 0.990 | 0.970 | 0.950 | 0.890 | 0.730 | 0.480 | 0.280 | 0.000 | 0.000 |
| SRKVF | 2 | 124.500 | 312.440 | 1.000 | 1.000 | 0.990 | 0.980 | 0.970 | 0.920 | 0.850 | 0.690 | 0.360 | 0.010 |
| SRMVC | 2 | 230.690 | 948.200 | 1.000 | 1.000 | 1.000 | 0.990 | 0.990 | 0.960 | 0.930 | 0.850 | 0.630 | 0.350 |
| SRPGC | 2 | 201.540 | 743.510 | 1.000 | 1.000 | 1.000 | 0.990 | 0.980 | 0.960 | 0.910 | 0.830 | 0.560 | 0.280 |
| SRPHC | 2 | 75.890 | 128.170 | 1.000 | 0.990 | 0.980 | 0.970 | 0.940 | 0.840 | 0.680 | 0.450 | 0.100 | 0.000 |
| SRPVC | 2 | 188.220 | 657.390 | 1.000 | 1.000 | 1.000 | 0.990 | 0.980 | 0.950 | 0.900 | 0.810 | 0.520 | 0.240 |
| SRQGC | 2 | 212.350 | 816.840 | 1.000 | 1.000 | 1.000 | 0.990 | 0.980 | 0.960 | 0.920 | 0.840 | 0.590 | 0.310 |
| SRQVC | 2 | 205.150 | 767.660 | 1.000 | 1.000 | 1.000 | 0.990 | 0.980 | 0.960 | 0.910 | 0.830 | 0.570 | 0.290 |
| SRRGC | 2 | 183.800 | 629.890 | 1.000 | 1.000 | 1.000 | 0.990 | 0.980 | 0.950 | 0.900 | 0.800 | 0.510 | 0.230 |
| SRRVC | 2 | 173.210 | 566.070 | 1.000 | 1.000 | 0.990 | 0.990 | 0.980 | 0.950 | 0.890 | 0.790 | 0.480 | 0.190 |
| SRSVF | 2 | 80.890 | 143.760 | 1.000 | 0.990 | 0.990 | 0.970 | 0.950 | 0.870 | 0.750 | 0.500 | 0.130 | 0.000 |
| SRBGF | 3 | 132.480 | 349.390 | 1.000 | 1.000 | 0.990 | 0.990 | 0.970 | 0.930 | 0.860 | 0.710 | 0.390 | 0.030 |
| SRDHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRCGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRCHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKGF | 3 | 141.340 | 392.560 | 1.000 | 1.000 | 0.990 | 0.990 | 0.970 | 0.930 | 0.870 | 0.740 | 0.420 | 0.070 |
| SRKHF | 3 | 40.340 | 41.080 | 0.990 | 0.990 | 0.970 | 0.940 | 0.880 | 0.700 | 0.460 | 0.240 | 0.000 | 0.000 |

Report for file CNSSR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SRKVF | 3 | 115.040 | 271.010 | 1.000 | 1.000 | 0.990 | 0.980 | 0.970 | 0.920 | 0.830 | 0.660 | 0.320 | 0.010 |
| SRMVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPHC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRQGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRQVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRRGC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRRVC | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRSVF | 3 | 74.410 | 123.680 | 1.000 | 0.990 | 0.990 | 0.970 | 0.940 | 0.860 | 0.720 | 0.470 | 0.080 | 0.000 |
| SRBGS | 4 | 10.310 | 3.510 | 0.980 | 0.960 | 0.900 | 0.790 | 0.580 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRDHC | 4 | 6.460 | 1.510 | 0.960 | 0.920 | 0.810 | 0.610 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRCGC | 4 | 19.770 | 11.370 | 0.990 | 0.980 | 0.950 | 0.900 | 0.810 | 0.510 | 0.250 | 0.000 | 0.000 | 0.000 |
| SRCHC | 4 | 5.650 | 1.180 | 0.960 | 0.910 | 0.780 | 0.560 | 0.360 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKGS | 4 | 11.030 | 3.970 | 0.980 | 0.960 | 0.900 | 0.800 | 0.610 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKHS | 4 | 0.570 | 0.000 | 0.550 | 0.370 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKVS | 4 | 0.190 | 0.000 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRMVC | 4 | 35.690 | 32.950 | 0.990 | 0.990 | 0.970 | 0.940 | 0.890 | 0.720 | 0.470 | 0.180 | 0.000 | 0.000 |
| SRPGC | 4 | 26.290 | 19.000 | 0.990 | 0.990 | 0.960 | 0.930 | 0.850 | 0.630 | 0.380 | 0.010 | 0.000 | 0.000 |
| SRPHC | 4 | 7.270 | 1.860 | 0.970 | 0.930 | 0.830 | 0.660 | 0.430 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPVC | 4 | 27.930 | 21.180 | 0.990 | 0.990 | 0.960 | 0.930 | 0.860 | 0.640 | 0.390 | 0.030 | 0.000 | 0.000 |
| SRQGC | 4 | 27.910 | 21.160 | 0.990 | 0.990 | 0.970 | 0.930 | 0.860 | 0.650 | 0.400 | 0.030 | 0.000 | 0.000 |
| SRQVC | 4 | 30.960 | 25.510 | 0.990 | 0.990 | 0.970 | 0.930 | 0.870 | 0.670 | 0.420 | 0.100 | 0.000 | 0.000 |
| SRRGC | 4 | 23.680 | 15.740 | 0.990 | 0.980 | 0.960 | 0.920 | 0.840 | 0.590 | 0.330 | 0.010 | 0.000 | 0.000 |
| SRRVC | 4 | 25.300 | 17.730 | 0.990 | 0.980 | 0.960 | 0.920 | 0.840 | 0.600 | 0.350 | 0.010 | 0.000 | 0.000 |
| SRSVS | 4 | 0.130 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRBGF | 5 | 143.800 | 404.960 | 1.000 | 1.000 | 0.990 | 0.990 | 0.970 | 0.940 | 0.870 | 0.740 | 0.420 | 0.090 |
| SRDHC | 5 | 67.230 | 103.030 | 1.000 | 0.990 | 0.980 | 0.960 | 0.930 | 0.820 | 0.640 | 0.420 | 0.020 | 0.000 |
| SRCGC | 5 | 156.640 | 472.350 | 1.000 | 1.000 | 0.990 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.450 | 0.130 |
| SRCHC | 5 | 58.570 | 80.390 | 1.000 | 0.990 | 0.980 | 0.960 | 0.920 | 0.790 | 0.590 | 0.380 | 0.010 | 0.000 |
| SRKGF | 5 | 153.170 | 453.670 | 1.000 | 1.000 | 0.990 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.450 | 0.130 |
| SRKHF | 5 | 44.590 | 49.200 | 0.990 | 0.990 | 0.970 | 0.950 | 0.890 | 0.730 | 0.480 | 0.280 | 0.000 | 0.000 |
| SRKVF | 5 | 124.500 | 312.440 | 1.000 | 1.000 | 0.990 | 0.980 | 0.970 | 0.920 | 0.850 | 0.690 | 0.360 | 0.010 |
| SRMVC | 5 | 230.690 | 948.200 | 1.000 | 1.000 | 1.000 | 0.990 | 0.990 | 0.960 | 0.930 | 0.850 | 0.630 | 0.350 |
| SRPGC | 5 | 201.540 | 743.510 | 1.000 | 1.000 | 1.000 | 0.990 | 0.980 | 0.960 | 0.910 | 0.830 | 0.560 | 0.280 |
| SRPHC | 5 | 75.890 | 128.170 | 1.000 | 0.990 | 0.980 | 0.970 | 0.940 | 0.840 | 0.680 | 0.450 | 0.100 | 0.000 |
| SRPVC | 5 | 188.220 | 657.390 | 1.000 | 1.000 | 1.000 | 0.990 | 0.980 | 0.950 | 0.900 | 0.810 | 0.520 | 0.240 |
| SRQGC | 5 | 212.350 | 816.840 | 1.000 | 1.000 | 1.000 | 0.990 | 0.980 | 0.960 | 0.920 | 0.840 | 0.590 | 0.310 |

Report for file CNSSR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SRQVC | 5 | 205.150 | 767.660 | 1.000 | 1.000 | 1.000 | 0.990 | 0.980 | 0.960 | 0.910 | 0.830 | 0.570 | 0.290 |
| SRRGC | 5 | 183.800 | 629.890 | 1.000 | 1.000 | 1.000 | 0.990 | 0.980 | 0.950 | 0.900 | 0.800 | 0.510 | 0.230 |
| SRRVC | 5 | 173.210 | 566.070 | 1.000 | 1.000 | 0.990 | 0.990 | 0.980 | 0.950 | 0.890 | 0.790 | 0.480 | 0.190 |
| SRSVF | 5 | 80.890 | 143.760 | 1.000 | 0.990 | 0.990 | 0.970 | 0.950 | 0.870 | 0.750 | 0.500 | 0.130 | 0.000 |
| SRBGF | 6 | 8.800 | 2.640 | 0.980 | 0.950 | 0.880 | 0.760 | 0.510 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRDHC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRCGC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRCHC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKGF | 6 | 9.490 | 3.020 | 0.980 | 0.950 | 0.890 | 0.770 | 0.540 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKHF | 6 | 2.060 | 0.180 | 0.880 | 0.750 | 0.460 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKVF | 6 | 7.320 | 1.890 | 0.970 | 0.940 | 0.850 | 0.710 | 0.460 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRMVC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPGC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPHC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPVC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRQGC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRQVC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRRGC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRRVC | 6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRSVF | 6 | 4.360 | 0.730 | 0.950 | 0.900 | 0.760 | 0.520 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRBGS | 7 | 0.490 | 0.000 | 0.580 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRDHS | 7 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRCGS | 7 | 0.490 | 0.000 | 0.580 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRCHS | 7 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKGS | 7 | 0.490 | 0.000 | 0.580 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKHS | 7 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKVS | 7 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRMVS | 7 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPGS | 7 | 0.490 | 0.000 | 0.580 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPHS | 7 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPVS | 7 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRQGS | 7 | 0.490 | 0.000 | 0.580 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRQVS | 7 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRRGS | 7 | 0.490 | 0.000 | 0.580 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRRVS | 7 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRSVS | 7 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRDHC | 8 | 0.320 | 0.000 | 0.400 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRCGC | 8 | 1.840 | 0.140 | 0.910 | 0.810 | 0.530 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSSR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SRCHC | 8 | 0.220 | 0.000 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRMVC | 8 | 0.180 | 0.000 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPGC | 8 | 1.630 | 0.110 | 0.870 | 0.750 | 0.440 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPHC | 8 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPVC | 8 | 5.440 | 1.100 | 0.970 | 0.930 | 0.830 | 0.670 | 0.410 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRQGC | 8 | 5.090 | 0.970 | 0.970 | 0.930 | 0.830 | 0.650 | 0.390 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRQVC | 8 | 3.100 | 0.390 | 0.940 | 0.890 | 0.710 | 0.460 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRRGC | 8 | 13.360 | 5.600 | 0.990 | 0.970 | 0.930 | 0.860 | 0.720 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 |
| SRRVC | 8 | 3.500 | 0.490 | 0.950 | 0.900 | 0.750 | 0.500 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRBGF | 9 | 9.680 | 3.130 | 0.980 | 0.960 | 0.890 | 0.780 | 0.550 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRDHC | 9 | 3.370 | 0.460 | 0.920 | 0.850 | 0.620 | 0.410 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRCGC | 9 | 11.660 | 4.390 | 0.980 | 0.970 | 0.920 | 0.840 | 0.680 | 0.340 | 0.010 | 0.000 | 0.000 | 0.000 |
| SRCHC | 9 | 2.950 | 0.360 | 0.910 | 0.830 | 0.570 | 0.380 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKGF | 9 | 10.420 | 3.580 | 0.980 | 0.960 | 0.900 | 0.790 | 0.580 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKHF | 9 | 2.260 | 0.220 | 0.890 | 0.770 | 0.480 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRKVF | 9 | 8.060 | 2.250 | 0.970 | 0.950 | 0.870 | 0.730 | 0.490 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRMVC | 9 | 19.110 | 10.690 | 0.990 | 0.980 | 0.950 | 0.900 | 0.790 | 0.490 | 0.230 | 0.000 | 0.000 | 0.000 |
| SRPGC | 9 | 15.580 | 7.400 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.440 | 0.120 | 0.000 | 0.000 | 0.000 |
| SRPHC | 9 | 3.800 | 0.570 | 0.930 | 0.870 | 0.670 | 0.440 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SRPVC | 9 | 14.860 | 6.790 | 0.990 | 0.970 | 0.930 | 0.870 | 0.740 | 0.420 | 0.080 | 0.000 | 0.000 | 0.000 |
| SRQGC | 9 | 16.530 | 8.240 | 0.990 | 0.980 | 0.940 | 0.890 | 0.770 | 0.460 | 0.150 | 0.000 | 0.000 | 0.000 |
| SRQVC | 9 | 16.500 | 8.200 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.450 | 0.150 | 0.000 | 0.000 | 0.000 |
| SRRGC | 9 | 14.000 | 6.100 | 0.990 | 0.970 | 0.930 | 0.870 | 0.730 | 0.410 | 0.040 | 0.000 | 0.000 | 0.000 |
| SRRVC | 9 | 13.430 | 5.660 | 0.990 | 0.970 | 0.930 | 0.860 | 0.710 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 |
| SRSVC | 9 | 4.810 | 0.880 | 0.960 | 0.910 | 0.780 | 0.560 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

# ACTIVITY CODE: SW

# SHORT-TERM STORAGE DUE TO WATER MODE

Report for file CNSSW

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SWKHS | 1 | 5.306 | 0.000 | 0.000 | 2.926 | 2.899 | 2.926 | 2.899 | 60 | ON | 1.350 | 5.690 | 1.090 | 4.280 | 0.340 | 1.130 |
| SWKHF | 2 | 0.000 | 0.000 | 4.076 | 0.000 | 0.000 | 4.076 | 4.076 | 60 | ON | 5.140 | 29.190 | 4.190 | 21.800 | 1.390 | 5.990 |
| SWKHF | 3 | 0.000 | 0.000 | 4.005 | 0.000 | 0.000 | 4.005 | 4.005 | 60 | ON | 4.750 | 26.430 | 3.870 | 19.720 | 1.270 | 5.420 |
| SWKHS | 4 | 3.461 | 0.000 | 0.000 | 1.265 | 1.236 | 1.265 | 1.236 | 60 | ON | 0.180 | 0.570 | 0.140 | 0.450 | 0.040 | 0.110 |
| SWKHF | 5 | 0.000 | 0.000 | 4.076 | 0.000 | 0.000 | 4.076 | 4.076 | 60 | ON | 5.140 | 29.190 | 4.190 | 21.800 | 1.390 | 5.990 |
| SWKHF | 6 | 0.000 | 0.000 | 2.160 | 0.000 | 0.000 | 2.160 | 2.160 | 60 | ON | 0.540 | 2.060 | 0.430 | 1.580 | 0.130 | 0.400 |
| SWKHC | 7 | 0.000 | 0.000 | -1.081 | 0.000 | 0.000 | -1.081 | -1.081 | 120 | ON | 0.010 | 0.020 | 0.010 | 0.020 | 0.000 | 0.000 |
| SWKHF | 9 | 0.000 | 0.000 | 1.929 | 0.000 | 0.000 | 1.929 | 1.929 | 60 | ON | 0.410 | 1.500 | 0.330 | 1.160 | 0.100 | 0.290 |
| SWKHS | 10 | 0.000 | 0.000 | 3.017 | 0.000 | 0.000 | 3.017 | 3.017 | 1440 | ON | 1.510 | 6.700 | 1.220 | 5.020 | 0.380 | 1.340 |
| SWKHF | 11 | 0.000 | 0.000 | 3.696 | 0.000 | 0.000 | 3.696 | 3.696 | 60 | ON | 3.330 | 17.160 | 2.710 | 12.780 | 0.870 | 3.500 |
| SWKHF | 12 | 0.000 | 0.000 | 2.306 | 0.000 | 0.000 | 2.306 | 2.306 | 60 | ON | 0.640 | 2.510 | 0.520 | 1.920 | 0.160 | 0.490 |
| SWKHS | 13 | 0.000 | 0.000 | 0.491 | 0.000 | 0.000 | 0.491 | 0.491 | 60 | ON | 0.070 | 0.200 | 0.050 | 0.160 | 0.010 | 0.040 |
| SWKHF | 14 | 0.000 | 0.000 | 3.678 | 0.000 | 0.000 | 3.678 | 3.678 | 60 | ON | 3.260 | 16.740 | 2.650 | 12.470 | 0.850 | 3.410 |
| SWKHF | 15 | 0.000 | 0.000 | 2.833 | 0.000 | 0.000 | 2.833 | 2.833 | 60 | ON | 1.210 | 5.200 | 0.980 | 3.910 | 0.300 | 1.030 |
| SWKHS | 16 | 0.000 | 0.000 | 2.544 | 0.000 | 0.000 | 2.544 | 2.544 | 360 | ON | 0.860 | 3.490 | 0.690 | 2.650 | 0.210 | 0.690 |
| SWKHF | 17 | 0.000 | 0.000 | 4.782 | 0.000 | 0.000 | 4.782 | 4.782 | 60 | ON | 11.270 | 79.230 | 9.220 | 60.580 | 3.220 | 16.350 |
| SWKHF | 18 | 0.000 | 0.000 | 3.531 | 0.000 | 0.000 | 3.531 | 3.531 | 60 | ON | 2.750 | 13.640 | 2.240 | 10.170 | 0.710 | 2.770 |
| SWKHS | 19 | 0.000 | 0.000 | 1.286 | 0.000 | 0.000 | 1.286 | 1.286 | 120 | ON | 0.180 | 0.620 | 0.150 | 0.490 | 0.040 | 0.120 |
| SWKHF | 20 | 0.000 | 0.000 | 4.759 | 0.000 | 0.000 | 4.759 | 4.759 | 60 | ON | 10.990 | 76.680 | 8.990 | 58.560 | 3.140 | 15.830 |
| SWKHF | 21 | 0.000 | 0.000 | 2.407 | 0.000 | 0.000 | 2.407 | 2.407 | 60 | ON | 0.730 | 2.890 | 0.590 | 2.200 | 0.180 | 0.570 |

Report for file CNSSW

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SWKHS | 1 | 1.35 | 5.69 | 0.15 | 21.28 | 6.26 | 89.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| SWKHF | 2 | 5.14 | 29.19 | 53.39 | 1072.78 | 218.97 | 4567.70 | 0.00 | 0.00 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| SWKHF | 3 | 4.75 | 26.43 | 1.72 | 1072.78 | 54.36 | 4567.70 | 0.00 | 0.00 | 0.00 | 0.00 | 5.55 | 495.88 | 0.00 | 0.00 | 0.16 | 51.83 | 0.92 | 179.59 |
| SWKHS | 4 | 0.18 | 0.57 | 0.00 | 0.01 | 0.00 | 1.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SWKHF | 5 | 5.14 | 29.19 | 53.39 | 1072.78 | 218.97 | 4567.70 | 0.00 | 0.00 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| SWKHF | 6 | 0.54 | 2.06 | 0.03 | 0.68 | 2.40 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| SWKHC | 7 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SWKHF | 9 | 0.41 | 1.50 | 0.00 | 0.07 | 0.00 | 2.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| SWKHS | 10 | 1.51 | 6.70 | 0.15 | 21.28 | 6.26 | 89.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| SWKHF | 11 | 3.33 | 17.16 | 1.72 | 224.28 | 54.36 | 372.49 | 0.00 | 0.00 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SWKHF | 12 | 0.64 | 2.51 | 0.03 | 0.68 | 2.40 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| SWKHS | 13 | 0.07 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SWKHF | 14 | 3.26 | 16.74 | 1.72 | 224.28 | 54.36 | 372.49 | 0.00 | 0.00 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SWKHF | 15 | 1.21 | 5.20 | 0.15 | 21.28 | 6.26 | 89.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| SWKHS | 16 | 0.86 | 3.49 | 0.03 | 0.68 | 2.40 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| SWKHF | 17 | 11.27 | 79.23 | 508.49 | 3104.88 | 908.85 | 14808.5 | 0.00 | 0.00 | 0.00 | 0.00 | 267.51 | 2292.73 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SWKHF | 18 | 2.75 | 13.64 | 1.72 | 224.28 | 54.36 | 372.49 | 0.00 | 0.00 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| SWKHS | 19 | 0.18 | 0.62 | 0.00 | 0.01 | 0.00 | 1.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SWKHF | 20 | 10.99 | 76.68 | 508.49 | 3104.88 | 908.85 | 14808.5 | 0.00 | 0.00 | 0.00 | 0.00 | 267.51 | 2292.73 | 0.00 | 0.00 | 2.42 | 2295.76 | 120.30 | 807.48 |
| SWKHF | 21 | 0.73 | 2.89 | 0.03 | 0.68 | 2.40 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |

Report for file CNSSW

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SWKHS | 1 | 1.35 | 5.69 | 0.63 | 57.27 | 96.96 | 834.65 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| SWKHF | 2 | 5.14 | 29.19 | 151.19 | 4986.01 | 1542.20 | 42006.8 | 0.00 | 0.00 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| SWKHF | 3 | 4.75 | 26.43 | 5.82 | 4986.01 | 538.65 | 42006.8 | 0.00 | 0.00 | 0.00 | 0.00 | 24.90 | 5359.40 | 0.00 | 0.00 | 0.26 | 1072.28 | 3.21 | 2524.63 |
| SWKHS | 4 | 0.18 | 0.57 | 0.00 | 0.19 | 0.00 | 43.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.33 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| SWKHF | 5 | 5.14 | 29.19 | 151.19 | 4986.01 | 1542.20 | 42006.8 | 0.00 | 0.00 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| SWKHF | 6 | 0.54 | 2.06 | 0.19 | 2.85 | 67.78 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| SWKHC | 7 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SWKHF | 9 | 0.41 | 1.50 | 0.00 | 0.41 | 0.00 | 83.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.16 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| SWKHS | 10 | 1.51 | 6.70 | 0.63 | 57.27 | 96.96 | 834.65 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| SWKHF | 11 | 3.33 | 17.16 | 5.82 | 1439.30 | 538.65 | 2294.43 | 0.00 | 0.00 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SWKHF | 12 | 0.64 | 2.51 | 0.19 | 2.85 | 67.78 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| SWKHS | 13 | 0.07 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SWKHF | 14 | 3.26 | 16.74 | 5.82 | 1439.30 | 538.65 | 2294.43 | 0.00 | 0.00 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SWKHF | 15 | 1.21 | 5.20 | 0.63 | 57.27 | 96.96 | 834.65 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| SWKHS | 16 | 0.86 | 3.49 | 0.19 | 2.85 | 67.78 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| SWKHF | 17 | 11.27 | 79.23 | 2625.48 | 10730.7 | 4774.68 | 120185 | 0.00 | 0.00 | 0.00 | 0.00 | 2013.65 | 15659.8 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SWKHF | 18 | 2.75 | 13.64 | 5.82 | 1439.30 | 538.65 | 2294.43 | 0.00 | 0.00 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| SWKHS | 19 | 0.18 | 0.62 | 0.00 | 0.19 | 0.00 | 43.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.33 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| SWKHF | 20 | 10.99 | 76.68 | 2625.48 | 10730.7 | 4774.68 | 120185 | 0.00 | 0.00 | 0.00 | 0.00 | 2013.65 | 15659.8 | 0.00 | 0.00 | 4.17 | 19811.6 | 1393.31 | 9805.66 |
| SWKHF | 21 | 0.73 | 2.89 | 0.19 | 2.85 | 67.78 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |

Report for file CNSSW

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SWKHS | 1 | 1.350 | 0.130 | 0.850 | 0.700 | 0.390 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SWKHF | 2 | 5.140 | 1.880 | 0.960 | 0.930 | 0.820 | 0.640 | 0.390 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SWKHF | 3 | 4.750 | 1.610 | 0.960 | 0.920 | 0.800 | 0.610 | 0.360 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SWKHS | 4 | 0.180 | 0.000 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SWKHF | 5 | 5.140 | 1.880 | 0.960 | 0.930 | 0.820 | 0.640 | 0.390 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SWKHF | 6 | 0.540 | 0.000 | 0.610 | 0.390 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SWKHC | 7 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SWKHF | 9 | 0.410 | 0.000 | 0.490 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SWKHS | 10 | 1.510 | 0.160 | 0.870 | 0.740 | 0.430 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SWKHF | 11 | 3.330 | 0.810 | 0.940 | 0.890 | 0.710 | 0.470 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SWKHF | 12 | 0.640 | 0.010 | 0.680 | 0.440 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SWKHS | 13 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SWKHF | 14 | 3.260 | 0.780 | 0.940 | 0.880 | 0.710 | 0.460 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SWKHF | 15 | 1.210 | 0.100 | 0.830 | 0.670 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SWKHS | 16 | 0.860 | 0.040 | 0.760 | 0.520 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SWKHF | 17 | 11.270 | 8.430 | 0.980 | 0.970 | 0.920 | 0.840 | 0.690 | 0.350 | 0.010 | 0.000 | 0.000 | 0.000 |
| SWKHF | 18 | 2.750 | 0.560 | 0.930 | 0.860 | 0.650 | 0.410 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SWKHS | 19 | 0.180 | 0.000 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SWKHF | 20 | 10.990 | 8.040 | 0.980 | 0.970 | 0.920 | 0.840 | 0.680 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 |
| SWKHF | 21 | 0.730 | 0.020 | 0.720 | 0.470 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSSW

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SWKHS | 1 | 5.690 | 1.190 | 0.960 | 0.910 | 0.780 | 0.560 | 0.370 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SWKHF | 2 | 29.190 | 22.940 | 0.990 | 0.980 | 0.960 | 0.920 | 0.830 | 0.580 | 0.380 | 0.070 | 0.000 | 0.000 |
| SWKHF | 3 | 26.430 | 19.180 | 0.990 | 0.980 | 0.950 | 0.910 | 0.820 | 0.540 | 0.340 | 0.010 | 0.000 | 0.000 |
| SWKHS | 4 | 0.570 | 0.000 | 0.550 | 0.370 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SWKHF | 5 | 29.190 | 22.940 | 0.990 | 0.980 | 0.960 | 0.920 | 0.830 | 0.580 | 0.380 | 0.070 | 0.000 | 0.000 |
| SWKHF | 6 | 2.060 | 0.180 | 0.880 | 0.750 | 0.460 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SWKHC | 7 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SWKHF | 9 | 1.500 | 0.090 | 0.830 | 0.660 | 0.380 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SWKHS | 10 | 6.700 | 1.610 | 0.960 | 0.930 | 0.810 | 0.630 | 0.410 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| SWKHF | 11 | 17.160 | 8.810 | 0.990 | 0.970 | 0.930 | 0.860 | 0.710 | 0.420 | 0.160 | 0.000 | 0.000 | 0.000 |
| SWKHF | 12 | 2.510 | 0.260 | 0.900 | 0.800 | 0.500 | 0.330 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SWKHS | 13 | 0.200 | 0.000 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SWKHF | 14 | 16.740 | 8.420 | 0.990 | 0.970 | 0.930 | 0.850 | 0.710 | 0.410 | 0.140 | 0.000 | 0.000 | 0.000 |
| SWKHF | 15 | 5.200 | 1.010 | 0.950 | 0.900 | 0.760 | 0.520 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SWKHS | 16 | 3.490 | 0.490 | 0.930 | 0.850 | 0.640 | 0.420 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SWKHF | 17 | 79.230 | 138.500 | 1.000 | 0.990 | 0.980 | 0.970 | 0.940 | 0.850 | 0.690 | 0.460 | 0.130 | 0.000 |
| SWKHF | 18 | 13.640 | 5.820 | 0.980 | 0.960 | 0.910 | 0.820 | 0.640 | 0.350 | 0.020 | 0.000 | 0.000 | 0.000 |
| SWKHS | 19 | 0.620 | 0.010 | 0.580 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SWKHF | 20 | 76.680 | 130.560 | 1.000 | 0.990 | 0.980 | 0.970 | 0.940 | 0.840 | 0.680 | 0.450 | 0.110 | 0.000 |
| SWKHF | 21 | 2.890 | 0.340 | 0.910 | 0.820 | 0.560 | 0.370 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

# ACTIVITY CODE: VA

# ON-SITE TRANSPORT FOR AIR MODE (C5)

Report for file CNSVA

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VAKHS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPHS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPVS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAQGS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARGS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARVS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAKHS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPHS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPVS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAQGS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARGS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARVS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAKHS | 3 | 3.230 | 0.000 | 0.000 | 0.549 | 0.523 | 0.549 | 0.523 | 120 | OP | 0.070 | 0.210 | 0.060 | 0.170 | 0.020 | 0.040 |
| VAPHS | 3 | 1.068 | 0.000 | 0.000 | -1.397 | -1.439 | -1.397 | -1.439 | 120 | OP | 0.010 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VAPVS | 3 | 0.799 | 0.000 | 0.000 | -3.848 | -3.721 | -3.848 | -3.721 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VAQGS | 3 | 1.161 | 0.000 | 0.000 | 0.114 | -0.026 | 0.114 | -0.026 | 120 | OP | 0.130 | 0.340 | 0.100 | 0.250 | 0.030 | 0.080 |
| VARGS | 3 | 1.031 | 0.000 | 0.000 | -0.003 | -0.141 | -0.003 | -0.141 | 120 | OP | 0.110 | 0.290 | 0.090 | 0.210 | 0.030 | 0.070 |
| VARVS | 3 | 1.009 | 0.000 | 0.000 | -3.659 | -3.538 | -3.659 | -3.538 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VAPHC | 4 | 0.000 | 2.544 | 1.724 | 0.000 | 0.000 | 2.605 | 2.605 | 20 | OP | 0.920 | 3.800 | 0.750 | 2.870 | 0.230 | 0.750 |
| VAPVC | 4 | 0.000 | 2.255 | 1.146 | 0.000 | 0.000 | 2.288 | 2.288 | 20 | OP | 3.870 | 14.880 | 2.950 | 11.040 | 1.170 | 3.840 |
| VAQGC | 4 | 0.000 | 2.342 | 1.813 | 0.000 | 0.000 | 2.455 | 2.455 | 20 | OP | 4.290 | 16.610 | 3.300 | 12.390 | 1.320 | 4.370 |
| VARGC | 4 | 0.000 | 2.208 | 1.684 | 0.000 | 0.000 | 2.322 | 2.322 | 20 | OP | 3.710 | 14.040 | 2.860 | 10.510 | 1.140 | 3.730 |
| VARVC | 4 | 0.000 | 2.185 | 1.061 | 0.000 | 0.000 | 2.216 | 2.216 | 20 | OP | 3.580 | 13.590 | 2.740 | 10.100 | 1.080 | 3.530 |
| VAKHF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAKHS | 6 | 3.531 | 0.000 | 0.000 | 0.820 | 0.800 | 0.820 | 0.800 | 120 | OP | 0.100 | 0.310 | 0.080 | 0.250 | 0.020 | 0.060 |
| VAPHC | 6 | 2.992 | 2.323 | 0.000 | 0.335 | 0.304 | 2.327 | 2.327 | 120 | OP | 0.660 | 2.590 | 0.530 | 1.980 | 0.160 | 0.510 |
| VAPVC | 6 | 2.724 | 2.055 | 0.000 | -2.115 | -1.990 | 2.055 | 2.055 | 120 | OP | 3.010 | 11.050 | 2.300 | 8.240 | 0.890 | 2.910 |
| VAQGC | 6 | 2.785 | 2.116 | 0.000 | 1.576 | 1.444 | 2.226 | 2.200 | 120 | OP | 3.340 | 12.030 | 2.580 | 9.030 | 1.020 | 3.220 |
| VARGC | 6 | 2.655 | 1.986 | 0.000 | 1.459 | 1.325 | 2.099 | 2.072 | 120 | OP | 2.900 | 10.220 | 2.240 | 7.690 | 0.880 | 2.770 |
| VARVC | 6 | 2.632 | 1.963 | 0.000 | -2.198 | -2.074 | 1.963 | 1.963 | 120 | OP | 2.730 | 9.820 | 2.080 | 7.330 | 0.800 | 2.600 |
| VAKHF | 7 | 0.000 | 0.000 | 2.230 | 0.000 | 0.000 | 2.230 | 2.230 | 60 | OP | 0.590 | 2.260 | 0.470 | 1.730 | 0.140 | 0.440 |
| VAPHC | 7 | 0.000 | 2.545 | 1.722 | 0.000 | 0.000 | 2.606 | 2.606 | 20 | OP | 0.920 | 3.800 | 0.750 | 2.880 | 0.230 | 0.750 |
| VAPVC | 7 | 0.000 | 2.276 | 1.152 | 0.000 | 0.000 | 2.307 | 2.307 | 20 | OP | 3.950 | 15.260 | 3.020 | 11.320 | 1.190 | 3.930 |
| VAQGC | 7 | 0.000 | 2.337 | 1.815 | 0.000 | 0.000 | 2.451 | 2.451 | 20 | OP | 4.280 | 16.530 | 3.290 | 12.340 | 1.320 | 4.350 |
| VARGC | 7 | 0.000 | 2.208 | 1.684 | 0.000 | 0.000 | 2.322 | 2.322 | 20 | OP | 3.710 | 14.040 | 2.860 | 10.510 | 1.140 | 3.730 |
| VARVC | 7 | 0.000 | 2.185 | 1.061 | 0.000 | 0.000 | 2.216 | 2.216 | 20 | OP | 3.580 | 13.590 | 2.740 | 10.100 | 1.080 | 3.530 |
| VAKHS | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPHS | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPVS | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSVA

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VAQGS | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARGS | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARVS | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAKHS | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPHS | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPVS | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAQGS | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARGS | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARVS | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAKHS | 11 | 3.230 | 0.000 | 0.000 | 0.549 | 0.523 | 0.549 | 0.523 | 120 | OP | 0.070 | 0.210 | 0.060 | 0.170 | 0.020 | 0.040 |
| VAPHS | 11 | 1.068 | 0.000 | 0.000 | -1.397 | -1.439 | -1.397 | -1.439 | 120 | OP | 0.010 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VAPVS | 11 | 0.799 | 0.000 | 0.000 | -3.848 | -3.721 | -3.848 | -3.721 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VAQGS | 11 | 1.161 | 0.000 | 0.000 | 0.114 | -0.026 | 0.114 | -0.026 | 120 | OP | 0.130 | 0.340 | 0.100 | 0.250 | 0.030 | 0.080 |
| VARGS | 11 | 1.031 | 0.000 | 0.000 | -0.003 | -0.141 | -0.003 | -0.141 | 120 | OP | 0.110 | 0.290 | 0.090 | 0.210 | 0.030 | 0.070 |
| VARVS | 11 | 1.009 | 0.000 | 0.000 | -3.659 | -3.538 | -3.659 | -3.538 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VAPHC | 12 | 0.000 | 2.545 | 1.722 | 0.000 | 0.000 | 2.606 | 2.606 | 20 | OP | 0.920 | 3.800 | 0.750 | 2.880 | 0.230 | 0.750 |
| VAPVC | 12 | 0.000 | 2.276 | 1.152 | 0.000 | 0.000 | 2.307 | 2.307 | 20 | OP | 3.950 | 15.260 | 3.020 | 11.320 | 1.190 | 3.930 |
| VAQGC | 12 | 0.000 | 2.337 | 1.815 | 0.000 | 0.000 | 2.451 | 2.451 | 20 | OP | 4.280 | 16.530 | 3.290 | 12.340 | 1.320 | 4.350 |
| VARGC | 12 | 0.000 | 2.208 | 1.685 | 0.000 | 0.000 | 2.322 | 2.322 | 20 | OP | 3.710 | 14.040 | 2.860 | 10.510 | 1.140 | 3.730 |
| VARVC | 12 | 0.000 | 2.185 | 1.061 | 0.000 | 0.000 | 2.216 | 2.216 | 20 | OP | 3.580 | 13.590 | 2.740 | 10.100 | 1.080 | 3.530 |
| VAKHF | 13 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAKHS | 14 | 0.000 | 0.000 | -0.602 | 0.000 | 0.000 | -0.602 | -0.602 | 120 | OP | 0.020 | 0.040 | 0.010 | 0.030 | 0.000 | 0.010 |
| VAPHS | 14 | 0.000 | 0.000 | -0.602 | 0.000 | 0.000 | -0.602 | -0.602 | 120 | OP | 0.020 | 0.040 | 0.010 | 0.030 | 0.000 | 0.010 |
| VAPVS | 14 | 0.000 | 0.000 | -2.678 | 0.000 | 0.000 | -2.678 | -2.678 | 120 | OP | 0.010 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| VAQGS | 14 | 0.000 | 0.000 | 0.740 | 0.000 | 0.000 | 0.740 | 0.740 | 120 | OP | 0.290 | 0.970 | 0.220 | 0.720 | 0.070 | 0.240 |
| VARGS | 14 | 0.000 | 0.000 | 0.740 | 0.000 | 0.000 | 0.740 | 0.740 | 120 | OP | 0.290 | 0.970 | 0.220 | 0.720 | 0.070 | 0.240 |
| VARVS | 14 | 0.000 | 0.000 | -2.678 | 0.000 | 0.000 | -2.678 | -2.678 | 120 | OP | 0.010 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| VAPHC | 15 | 1.767 | 1.068 | 0.000 | -0.768 | -0.816 | 1.074 | 1.074 | 120 | OP | 0.140 | 0.460 | 0.110 | 0.360 | 0.030 | 0.090 |
| VAPVC | 15 | 1.477 | 0.778 | 0.000 | -3.238 | -3.123 | 0.778 | 0.778 | 120 | OP | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| VAQGC | 15 | 1.860 | 1.161 | 0.000 | 0.743 | 0.599 | 1.302 | 1.266 | 120 | OP | 1.170 | 3.660 | 0.920 | 2.800 | 0.340 | 1.040 |
| VARGC | 15 | 2.793 | 1.330 | 0.000 | 1.583 | 1.452 | 1.776 | 1.696 | 120 | OP | 2.020 | 6.330 | 1.570 | 4.810 | 0.600 | 1.760 |
| VARVC | 15 | 2.793 | 1.301 | 0.000 | -2.053 | -1.926 | 1.301 | 1.301 | 120 | OP | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |

Report for file CNSVA

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VAKHS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPHS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPVS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAQGS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VARGS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VARVS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAKHS | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPHS | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPVS | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAQGS | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VARGS | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VARVS | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAKHS | 3 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPHS | 3 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPVS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAQGS | 3 | 0.13 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VARGS | 3 | 0.11 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VARVS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPHC | 4 | 0.92 | 3.80 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| VAPVC | 4 | 3.87 | 14.88 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VAQGC | 4 | 4.29 | 16.61 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VARGC | 4 | 3.71 | 14.04 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VARVC | 4 | 3.58 | 13.59 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VAKHF | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAKHS | 6 | 0.10 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPHC | 6 | 0.66 | 2.59 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| VAPVC | 6 | 3.01 | 11.05 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VAQGC | 6 | 3.34 | 12.03 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VARGC | 6 | 2.90 | 10.22 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VARVC | 6 | 2.73 | 9.82 | 1.72 | 21.28 | 0.00 | 0.00 | 6.66 | 49.52 | 0.00 | 0.00 | 5.55 | 13.81 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| VAKHF | 7 | 0.59 | 2.26 | 0.03 | 0.68 | 2.40 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| VAPHC | 7 | 0.92 | 3.80 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| VAPVC | 7 | 3.95 | 15.26 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VAQGC | 7 | 4.28 | 16.53 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VARGC | 7 | 3.71 | 14.04 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VARVC | 7 | 3.58 | 13.59 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VAKHS | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSVA

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VAPHS 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPVS 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAQGS 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VARGS 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VARVS 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAKHS 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPHS 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPVS 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAQGS 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VARGS 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VARVS 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAKHS 11 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPHS 11 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPVS 11 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAQGS 11 | 0.13 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VARGS 11 | 0.11 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VARVS 11 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPHC 12 | 0.92 | 3.60 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| VAPVC 12 | 3.95 | 15.26 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VAQGC 12 | 4.28 | 16.53 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VARGC 12 | 3.71 | 14.04 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VARVC 12 | 3.58 | 13.59 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VAKHF 13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAKHS 14 | 0.02 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPHS 14 | 0.02 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPVS 14 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAQGS 14 | 0.29 | 0.97 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VARGS 14 | 0.29 | 0.97 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VARVS 14 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPHC 15 | 0.14 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPVC 15 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| VAQGC 15 | 1.17 | 3.66 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| VARGC 15 | 2.02 | 6.33 | 1.72 | 21.28 | 0.00 | 0.00 | 6.66 | 49.52 | 0.00 | 0.00 | 5.55 | 13.81 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| VARVC 15 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |

Report for file CNSVA

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VAKHS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPHS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPVS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAQGS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VARGS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VARVS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAKHS | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPHS | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPVS | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAQGS | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VARGS | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VARVS | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAKHS | 3 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPHS | 3 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPVS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAQGS | 3 | 0.13 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VARGS | 3 | 0.11 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VARVS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPHC | 4 | 0.92 | 3.80 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| VAPVC | 4 | 3.87 | 14.88 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VAQGC | 4 | 4.29 | 16.61 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VARGC | 4 | 3.71 | 14.04 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VARVC | 4 | 3.58 | 13.59 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VAKHF | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAKHS | 6 | 0.10 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPHC | 6 | 0.66 | 2.59 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| VAPVC | 6 | 3.01 | 11.05 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VAQGC | 6 | 3.34 | 12.03 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VARGC | 6 | 2.90 | 10.22 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VARVC | 6 | 2.73 | 9.82 | 5.82 | 57.27 | 0.00 | 0.00 | 29.38 | 468.74 | 0.00 | 0.00 | 24.90 | 38.89 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| VAKHF | 7 | 0.59 | 2.26 | 0.19 | 2.85 | 67.78 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| VAPHC | 7 | 0.92 | 3.80 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| VAPVC | 7 | 3.95 | 15.26 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VAQGC | 7 | 4.28 | 16.53 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VARGC | 7 | 3.71 | 14.04 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VARVC | 7 | 3.58 | 13.59 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VAKHS | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSVA

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VAPHS | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPVS | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAQGS | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VARGS | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VARVS | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAKHS | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPHS | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPVS | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAQGS | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VARGS | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VARVS | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAKHS | 11 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPHS | 11 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPVS | 11 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAQGS | 11 | 0.13 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VARGS | 11 | 0.11 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VARVS | 11 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPHC | 12 | 0.92 | 3.80 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| VAPVC | 12 | 3.95 | 15.26 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VAQGC | 12 | 4.28 | 16.53 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VARGC | 12 | 3.71 | 14.04 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VARVC | 12 | 3.58 | 13.59 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VAKHF | 13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAKHS | 14 | 0.02 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPHS | 14 | 0.02 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPVS | 14 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAQGS | 14 | 0.29 | 0.97 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| VARGS | 14 | 0.29 | 0.97 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 1.33 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| VARVS | 14 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPHC | 15 | 0.14 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAPVC | 15 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| VAQGC | 15 | 1.17 | 3.66 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| VARGC | 15 | 2.02 | 6.33 | 5.82 | 57.27 | 0.00 | 0.00 | 29.38 | 468.74 | 0.00 | 0.00 | 24.90 | 38.89 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| VARVC | 15 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |

Report for file CNSVA

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VAKHS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPHS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPVS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAQGS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARGS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARVS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAKHS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPHS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPVS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAQGS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARGS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARVS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAKHS | 3 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPHS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPVS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAQGS | 3 | 0.130 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARGS | 3 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARVS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPHC | 4 | 0.920 | 0.050 | 0.780 | 0.560 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPVC | 4 | 3.870 | 1.080 | 0.960 | 0.910 | 0.790 | 0.570 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAQGC | 4 | 4.290 | 1.330 | 0.960 | 0.920 | 0.810 | 0.620 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARGC | 4 | 3.710 | 1.000 | 0.960 | 0.910 | 0.780 | 0.560 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARVC | 4 | 3.580 | 0.940 | 0.950 | 0.910 | 0.770 | 0.540 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAKHF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAKHS | 6 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPHC | 6 | 0.660 | 0.020 | 0.690 | 0.450 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPVC | 6 | 3.010 | 0.670 | 0.940 | 0.890 | 0.720 | 0.460 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAQGC | 6 | 3.340 | 0.820 | 0.950 | 0.900 | 0.750 | 0.510 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARGC | 6 | 2.900 | 0.620 | 0.940 | 0.890 | 0.720 | 0.460 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARVC | 6 | 2.730 | 0.550 | 0.940 | 0.880 | 0.690 | 0.420 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAKHF | 7 | 0.590 | 0.010 | 0.640 | 0.410 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPHC | 7 | 0.920 | 0.050 | 0.780 | 0.560 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPVC | 7 | 3.950 | 1.130 | 0.960 | 0.920 | 0.790 | 0.580 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAQGC | 7 | 4.280 | 1.320 | 0.960 | 0.920 | 0.810 | 0.620 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARGC | 7 | 3.710 | 1.000 | 0.960 | 0.910 | 0.780 | 0.560 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARVC | 7 | 3.580 | 0.940 | 0.950 | 0.910 | 0.770 | 0.540 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAKHS | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPHS | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSVA

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VAPVS 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAQGS 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARGS 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARVS 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAKHS 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPHS 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPVS 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAQGS 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARGS 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARVS 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAKHS 11 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPHS 11 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPVS 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAQGS 11 | 0.130 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARGS 11 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARVS 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPHC 12 | 0.920 | 0.050 | 0.780 | 0.560 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPVC 12 | 3.950 | 1.130 | 0.960 | 0.920 | 0.790 | 0.580 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAQGC 12 | 4.280 | 1.320 | 0.960 | 0.920 | 0.810 | 0.620 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARGC 12 | 3.710 | 1.000 | 0.960 | 0.910 | 0.780 | 0.560 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARVC 12 | 3.580 | 0.940 | 0.950 | 0.910 | 0.770 | 0.540 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAKHF 13 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAKHS 14 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPHS 14 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPVS 14 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAQGS 14 | 0.290 | 0.000 | 0.410 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARGS 14 | 0.290 | 0.000 | 0.410 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARVS 14 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPHC 15 | 0.140 | 0.000 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPVC 15 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAQGC 15 | 1.170 | 0.090 | 0.850 | 0.710 | 0.370 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARGC 15 | 2.020 | 0.300 | 0.920 | 0.830 | 0.590 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARVC 15 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSVA

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VAKHS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPHS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPVS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAQGS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARGS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARVS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAKHS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPHS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPVS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAQGS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARGS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARVS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAKHS | 3 | 0.210 | 0.000 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPHS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPVS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAQGS | 3 | 0.340 | 0.000 | 0.440 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARGS | 3 | 0.290 | 0.000 | 0.390 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARVS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPHC | 4 | 3.800 | 0.570 | 0.930 | 0.870 | 0.670 | 0.440 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPVC | 4 | 14.880 | 6.810 | 0.990 | 0.970 | 0.930 | 0.870 | 0.740 | 0.420 | 0.080 | 0.000 | 0.000 | 0.000 |
| VAQGC | 4 | 16.610 | 8.300 | 0.990 | 0.980 | 0.940 | 0.890 | 0.770 | 0.460 | 0.160 | 0.000 | 0.000 | 0.000 |
| VARGC | 4 | 14.040 | 6.130 | 0.990 | 0.970 | 0.930 | 0.870 | 0.730 | 0.410 | 0.050 | 0.000 | 0.000 | 0.000 |
| VARVC | 4 | 13.590 | 5.780 | 0.990 | 0.970 | 0.930 | 0.860 | 0.720 | 0.390 | 0.020 | 0.000 | 0.000 | 0.000 |
| VAKHF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAKHS | 6 | 0.310 | 0.000 | 0.400 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPHC | 6 | 2.590 | 0.280 | 0.900 | 0.800 | 0.510 | 0.340 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPVC | 6 | 11.050 | 3.980 | 0.980 | 0.970 | 0.910 | 0.830 | 0.660 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAQGC | 6 | 12.030 | 4.640 | 0.980 | 0.970 | 0.920 | 0.840 | 0.690 | 0.350 | 0.010 | 0.000 | 0.000 | 0.000 |
| VARGC | 6 | 10.220 | 3.460 | 0.980 | 0.960 | 0.910 | 0.820 | 0.640 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARVC | 6 | 9.820 | 3.210 | 0.980 | 0.960 | 0.900 | 0.810 | 0.620 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAKHF | 7 | 2.260 | 0.220 | 0.890 | 0.770 | 0.480 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPHC | 7 | 3.800 | 0.570 | 0.930 | 0.870 | 0.670 | 0.440 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPVC | 7 | 15.260 | 7.130 | 0.990 | 0.970 | 0.940 | 0.870 | 0.750 | 0.430 | 0.100 | 0.000 | 0.000 | 0.000 |
| VAQGC | 7 | 16.530 | 8.240 | 0.990 | 0.980 | 0.940 | 0.890 | 0.770 | 0.460 | 0.150 | 0.000 | 0.000 | 0.000 |
| VARGC | 7 | 14.040 | 6.130 | 0.990 | 0.970 | 0.930 | 0.870 | 0.730 | 0.410 | 0.050 | 0.000 | 0.000 | 0.000 |
| VARVC | 7 | 13.590 | 5.780 | 0.990 | 0.970 | 0.930 | 0.860 | 0.720 | 0.390 | 0.020 | 0.000 | 0.000 | 0.000 |
| VAKHS | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPHS | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSVA

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VAPVS 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAQGS 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARGS 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARVS 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAKHS 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPHS 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPVS 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAQGS 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARGS 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARVS 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAKHS 11 | 0.210 | 0.000 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPHS 11 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPVS 11 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAQGS 11 | 0.340 | 0.000 | 0.440 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARGS 11 | 0.290 | 0.000 | 0.390 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARVS 11 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPHC 12 | 3.800 | 0.570 | 0.930 | 0.870 | 0.670 | 0.440 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPVC 12 | 15.260 | 7.130 | 0.990 | 0.970 | 0.940 | 0.870 | 0.750 | 0.430 | 0.100 | 0.000 | 0.000 | 0.000 |
| VAQGC 12 | 16.530 | 8.240 | 0.990 | 0.980 | 0.940 | 0.890 | 0.770 | 0.460 | 0.150 | 0.000 | 0.000 | 0.000 |
| VARGC 12 | 14.040 | 6.140 | 0.990 | 0.970 | 0.930 | 0.870 | 0.730 | 0.410 | 0.050 | 0.000 | 0.000 | 0.000 |
| VARVC 12 | 13.590 | 5.780 | 0.990 | 0.970 | 0.930 | 0.860 | 0.720 | 0.390 | 0.020 | 0.000 | 0.000 | 0.000 |
| VAKHF 13 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAKHS 14 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPHS 14 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPVS 14 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAQGS 14 | 0.970 | 0.030 | 0.790 | 0.570 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARGS 14 | 0.970 | 0.030 | 0.790 | 0.570 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARVS 14 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPHC 15 | 0.460 | 0.000 | 0.480 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAPVC 15 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VAQGC 15 | 3.660 | 0.530 | 0.950 | 0.900 | 0.760 | 0.520 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARGC 15 | 6.330 | 1.450 | 0.970 | 0.940 | 0.860 | 0.720 | 0.460 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| VARVC 15 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSVB

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VBKHS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPHS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPVS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBQGS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRGS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRVS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBKHS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPHS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPVS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBQGS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRGS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRVS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBKHS | 3 | 3.230 | 0.000 | 0.000 | 0.549 | 0.523 | 0.549 | 0.523 | 120 | OP | 0.070 | 0.210 | 0.060 | 0.170 | 0.020 | 0.040 |
| VBPHS | 3 | 1.068 | 0.000 | 0.000 | -1.397 | -1.439 | -1.397 | -1.439 | 120 | OP | 0.010 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VBPVS | 3 | 0.799 | 0.000 | 0.000 | -3.848 | -3.721 | -3.848 | -3.721 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VBQGS | 3 | 1.161 | 0.000 | 0.000 | 0.114 | -0.026 | 0.114 | -0.026 | 120 | OP | 0.130 | 0.340 | 0.100 | 0.250 | 0.030 | 0.080 |
| VBRGS | 3 | 1.031 | 0.000 | 0.000 | -0.003 | -0.141 | -0.003 | -0.141 | 120 | OP | 0.110 | 0.290 | 0.090 | 0.210 | 0.030 | 0.070 |
| VBRVS | 3 | 1.009 | 0.000 | 0.000 | -3.659 | -3.538 | -3.659 | -3.538 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VBPHC | 4 | 0.000 | 2.544 | 1.724 | 0.000 | 0.000 | 2.605 | 2.605 | 20 | OP | 0.920 | 3.800 | 0.750 | 2.870 | 0.230 | 0.750 |
| VBPVC | 4 | 0.000 | 2.255 | 1.146 | 0.000 | 0.000 | 2.288 | 2.288 | 20 | OP | 3.870 | 14.880 | 2.950 | 11.040 | 1.170 | 3.840 |
| VBQGC | 4 | 0.000 | 2.342 | 1.813 | 0.000 | 0.000 | 2.455 | 2.455 | 20 | OP | 4.290 | 16.610 | 3.300 | 12.390 | 1.320 | 4.370 |
| VBRGC | 4 | 0.000 | 2.208 | 1.684 | 0.000 | 0.000 | 2.322 | 2.322 | 20 | OP | 3.710 | 14.040 | 2.860 | 10.510 | 1.140 | 3.730 |
| VBRVC | 4 | 0.000 | 2.185 | 1.061 | 0.000 | 0.000 | 2.216 | 2.216 | 20 | OP | 3.580 | 13.590 | 2.740 | 10.100 | 1.080 | 3.530 |
| VBKHF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBKHS | 6 | 3.531 | 0.000 | 0.000 | 0.820 | 0.800 | 0.820 | 0.800 | 120 | OP | 0.100 | 0.310 | 0.080 | 0.250 | 0.020 | 0.060 |
| VBPHC | 6 | 2.992 | 2.323 | 0.000 | 0.335 | 0.304 | 2.327 | 2.327 | 120 | OP | 0.660 | 2.590 | 0.530 | 1.980 | 0.160 | 0.510 |
| VBPVC | 6 | 2.724 | 2.055 | 0.000 | -2.115 | -1.990 | 2.055 | 2.055 | 120 | OP | 3.010 | 11.050 | 2.300 | 8.240 | 0.890 | 2.910 |
| VBQGC | 6 | 2.785 | 2.116 | 0.000 | 1.576 | 1.444 | 2.226 | 2.200 | 120 | OP | 3.340 | 12.030 | 2.580 | 9.030 | 1.020 | 3.220 |
| VBRGC | 6 | 2.655 | 1.986 | 0.000 | 1.459 | 1.325 | 2.099 | 2.072 | 120 | OP | 2.900 | 10.220 | 2.240 | 7.690 | 0.880 | 2.770 |
| VBRVC | 6 | 2.632 | 1.963 | 0.000 | -2.198 | -2.074 | 1.963 | 1.963 | 120 | OP | 2.730 | 9.820 | 2.080 | 7.330 | 0.800 | 2.600 |
| VBKHF | 7 | 0.000 | 0.000 | 2.230 | 0.000 | 0.000 | 2.230 | 2.230 | 60 | OP | 0.590 | 2.260 | 0.470 | 1.730 | 0.140 | 0.440 |
| VBPHC | 7 | 0.000 | 2.545 | 1.722 | 0.000 | 0.000 | 2.606 | 2.606 | 20 | OP | 0.920 | 3.800 | 0.750 | 2.880 | 0.230 | 0.750 |
| VBPVC | 7 | 0.000 | 2.276 | 1.152 | 0.000 | 0.000 | 2.307 | 2.307 | 20 | OP | 3.950 | 15.260 | 3.020 | 11.320 | 1.190 | 3.930 |
| VBQGC | 7 | 0.000 | 2.337 | 1.815 | 0.000 | 0.000 | 2.451 | 2.451 | 20 | OP | 4.280 | 16.530 | 3.290 | 12.340 | 1.320 | 4.350 |
| VBRGC | 7 | 0.000 | 2.208 | 1.684 | 0.000 | 0.000 | 2.322 | 2.322 | 20 | OP | 3.710 | 14.040 | 2.860 | 10.510 | 1.140 | 3.730 |
| VBRVC | 7 | 0.000 | 2.185 | 1.061 | 0.000 | 0.000 | 2.216 | 2.216 | 20 | OP | 3.580 | 13.590 | 2.740 | 10.100 | 1.080 | 3.530 |
| VBKHS | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPHS | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPVS | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSVB

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VBQGS | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRGS | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRVS | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBKHS | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPHS | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPVS | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBQGS | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRGS | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRVS | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBKHS | 11 | 3.230 | 0.000 | 0.000 | 0.549 | 0.523 | 0.549 | 0.523 | 120 | OP | 0.070 | 0.210 | 0.060 | 0.170 | 0.020 | 0.040 |
| VBPHS | 11 | 1.068 | 0.000 | 0.000 | -1.397 | -1.439 | -1.397 | -1.439 | 120 | OP | 0.010 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VBPVS | 11 | 0.799 | 0.000 | 0.000 | -3.848 | -3.721 | -3.848 | -3.721 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VBQGS | 11 | 1.161 | 0.000 | 0.000 | 0.114 | -0.026 | 0.114 | -0.026 | 120 | OP | 0.130 | 0.340 | 0.100 | 0.250 | 0.030 | 0.080 |
| VBRGS | 11 | 1.031 | 0.000 | 0.000 | -0.003 | -0.141 | -0.003 | -0.141 | 120 | OP | 0.110 | 0.290 | 0.090 | 0.210 | 0.030 | 0.070 |
| VBRVS | 11 | 1.009 | 0.000 | 0.000 | -3.659 | -3.538 | -3.659 | -3.538 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VBPHC | 12 | 0.000 | 2.545 | 1.722 | 0.000 | 0.000 | 2.606 | 2.606 | 20 | OP | 0.920 | 3.800 | 0.750 | 2.880 | 0.230 | 0.750 |
| VBPVC | 12 | 0.000 | 2.276 | 1.152 | 0.000 | 0.000 | 2.307 | 2.307 | 20 | OP | 3.950 | 15.260 | 3.020 | 11.320 | 1.190 | 3.930 |
| VBQGC | 12 | 0.000 | 2.337 | 1.815 | 0.000 | 0.000 | 2.451 | 2.451 | 20 | OP | 4.280 | 16.530 | 3.290 | 12.340 | 1.320 | 4.350 |
| VBRGC | 12 | 0.000 | 2.208 | 1.685 | 0.000 | 0.000 | 2.322 | 2.322 | 20 | OP | 3.710 | 14.040 | 2.860 | 10.510 | 1.140 | 3.730 |
| VBRVC | 12 | 0.000 | 2.185 | 1.061 | 0.000 | 0.000 | 2.216 | 2.216 | 20 | OP | 3.580 | 13.590 | 2.740 | 10.100 | 1.080 | 3.530 |
| VBKHF | 13 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBKHS | 14 | 0.000 | 0.000 | -0.602 | 0.000 | 0.000 | -0.602 | -0.602 | 120 | OP | 0.020 | 0.040 | 0.010 | 0.030 | 0.000 | 0.010 |
| VBPHS | 14 | 0.000 | 0.000 | -0.602 | 0.000 | 0.000 | -0.602 | -0.602 | 120 | OP | 0.020 | 0.040 | 0.010 | 0.030 | 0.000 | 0.010 |
| VBPVS | 14 | 0.000 | 0.000 | -2.678 | 0.000 | 0.000 | -2.678 | -2.678 | 120 | OP | 0.010 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| VBQGS | 14 | 0.000 | 0.000 | 0.740 | 0.000 | 0.000 | 0.740 | 0.740 | 120 | OP | 0.290 | 0.970 | 0.220 | 0.720 | 0.070 | 0.240 |
| VBRGS | 14 | 0.000 | 0.000 | 0.740 | 0.000 | 0.000 | 0.740 | 0.740 | 120 | OP | 0.290 | 0.970 | 0.220 | 0.720 | 0.070 | 0.240 |
| VBRVS | 14 | 0.000 | 0.000 | -2.678 | 0.000 | 0.000 | -2.678 | -2.678 | 120 | OP | 0.010 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| VBPHC | 15 | 1.767 | 1.068 | 0.000 | -0.768 | -0.816 | 1.074 | 1.074 | 120 | OP | 0.140 | 0.460 | 0.110 | 0.360 | 0.030 | 0.090 |
| VBPVC | 15 | 1.477 | 0.778 | 0.000 | -3.238 | -3.123 | 0.778 | 0.778 | 120 | OP | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| VBQGC | 15 | 1.860 | 1.161 | 0.000 | 0.743 | 0.599 | 1.302 | 1.266 | 120 | OP | 1.170 | 3.660 | 0.920 | 2.800 | 0.340 | 1.040 |
| VBRGC | 15 | 2.793 | 1.330 | 0.000 | 1.583 | 1.452 | 1.776 | 1.696 | 120 | OP | 2.020 | 6.330 | 1.570 | 4.810 | 0.600 | 1.760 |
| VBRVC | 15 | 2.793 | 1.301 | 0.000 | -2.053 | -1.926 | 1.301 | 1.301 | 120 | OP | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |

# ACTIVITY CODE: VB

# ON-SITE TRANSPORT FOR AIR MODE (C141)

Report for file CNSVB

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VBKHS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPHS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPVS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBQGS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBRGS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBRVS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBKHS | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPHS | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPVS | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBQGS | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBRGS | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBRVS | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBKHS | 3 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPHS | 3 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPVS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBQGS | 3 | 0.13 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBRGS | 3 | 0.11 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBRVS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPHC | 4 | 0.92 | 3.80 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| VBPVC | 4 | 3.87 | 14.88 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VBQGC | 4 | 4.29 | 16.61 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VBRGC | 4 | 3.71 | 14.04 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VBRVC | 4 | 3.58 | 13.59 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VBKHF | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBKHS | 6 | 0.10 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPHC | 6 | 0.66 | 2.59 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| VBPVC | 6 | 3.01 | 11.05 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VBQGC | 6 | 3.34 | 12.03 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VBRGC | 6 | 2.90 | 10.22 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VBRVC | 6 | 2.73 | 9.82 | 1.72 | 21.28 | 0.00 | 0.00 | 6.66 | 49.52 | 0.00 | 0.00 | 5.55 | 13.81 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| VBKHF | 7 | 0.59 | 2.26 | 0.03 | 0.68 | 2.40 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| VBPHC | 7 | 0.92 | 3.80 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| VBPVC | 7 | 3.95 | 15.26 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VBQGC | 7 | 4.28 | 16.53 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VBRGC | 7 | 3.71 | 14.04 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VBRVC | 7 | 3.58 | 13.59 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VBKHS | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSVB

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VBPHS | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPVS | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBQGS | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBRGS | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBRVS | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBKHS | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPHS | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPVS | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBQGS | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBRGS | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBRVS | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBKHS | 11 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPHS | 11 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPVS | 11 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBQGS | 11 | 0.13 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBRGS | 11 | 0.11 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBRVS | 11 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPHC | 12 | 0.92 | 3.80 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| VBPVC | 12 | 3.95 | 15.26 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VBQGC | 12 | 4.28 | 16.53 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VBRGC | 12 | 3.71 | 14.04 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VBRVC | 12 | 3.58 | 13.59 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VBKHF | 13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBKHS | 14 | 0.02 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPHS | 14 | 0.02 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPVS | 14 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBQGS | 14 | 0.29 | 0.97 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBRGS | 14 | 0.29 | 0.97 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBRVS | 14 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPHC | 15 | 0.14 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPVC | 15 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| VBQGC | 15 | 1.17 | 3.66 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| VBRGC | 15 | 2.02 | 6.33 | 1.72 | 21.28 | 0.00 | 0.00 | 6.66 | 49.52 | 0.00 | 0.00 | 5.55 | 13.81 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| VBRVC | 15 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |

Report for file CNSVB

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VBKHS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPHS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPVS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBQGS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBRGS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBRVS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBKHS | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPHS | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPVS | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBQGS | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBRGS | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBRVS | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBKHS | 3 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPHS | 3 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPVS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBQGS | 3 | 0.13 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBRGS | 3 | 0.11 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBRVS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPHC | 4 | 0.92 | 3.80 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| VBPVC | 4 | 3.87 | 14.88 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VBQGC | 4 | 4.29 | 16.61 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VBRGC | 4 | 3.71 | 14.04 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VBRVC | 4 | 3.58 | 13.59 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VBKHF | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBKHS | 6 | 0.10 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPHC | 6 | 0.66 | 2.59 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| VBPVC | 6 | 3.01 | 11.05 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VBQGC | 6 | 3.34 | 12.03 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VBRGC | 6 | 2.90 | 10.22 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VBRVC | 6 | 2.73 | 9.82 | 5.82 | 57.27 | 0.00 | 0.00 | 29.38 | 468.74 | 0.00 | 0.00 | 24.90 | 38.89 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| VBKHF | 7 | 0.59 | 2.26 | 0.19 | 2.85 | 67.78 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| VBPHC | 7 | 0.92 | 3.80 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| VBPVC | 7 | 3.95 | 15.26 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VBQGC | 7 | 4.28 | 16.53 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VBRGC | 7 | 3.71 | 14.04 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VBRVC | 7 | 3.58 | 13.59 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VBKHS | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSVB

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VBPHS 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPVS 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBQGS 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBRGS 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBRVS 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBKHS 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPHS 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPVS 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBQGS 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBRGS 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBRVS 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBKHS 11 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPHS 11 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPVS 11 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBQGS 11 | 0.13 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBRGS 11 | 0.11 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBRVS 11 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPHC 12 | 0.92 | 3.80 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| VBPVC 12 | 3.95 | 15.26 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VBQGC 12 | 4.28 | 16.53 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VBRGC 12 | 3.71 | 14.04 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VBRVC 12 | 3.58 | 13.59 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VBKHF 13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBKHS 14 | 0.02 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPHS 14 | 0.02 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPVS 14 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBQGS 14 | 0.29 | 0.97 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| VBRGS 14 | 0.29 | 0.97 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 1.33 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| VBRVS 14 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPHC 15 | 0.14 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VBPVC 15 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| VBQGC 15 | 1.17 | 3.66 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| VBRGC 15 | 2.02 | 6.33 | 5.82 | 57.27 | 0.00 | 0.00 | 29.38 | 468.74 | 0.00 | 0.00 | 24.90 | 38.89 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| VBRVC 15 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |

Report for file CNSVB

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VBKHS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPHS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPVS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBQGS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRGS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRVS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBKHS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPHS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPVS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBQGS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRGS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRVS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBKHS | 3 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPHS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPVS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBQGS | 3 | 0.130 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRGS | 3 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRVS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPHC | 4 | 0.920 | 0.050 | 0.780 | 0.560 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPVC | 4 | 3.870 | 1.080 | 0.960 | 0.910 | 0.790 | 0.570 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBQGC | 4 | 4.290 | 1.330 | 0.960 | 0.920 | 0.810 | 0.620 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRGC | 4 | 3.710 | 1.000 | 0.960 | 0.910 | 0.780 | 0.560 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRVC | 4 | 3.580 | 0.940 | 0.950 | 0.910 | 0.770 | 0.540 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBKHF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBKHS | 6 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPHC | 6 | 0.660 | 0.020 | 0.690 | 0.450 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPVC | 6 | 3.010 | 0.670 | 0.940 | 0.890 | 0.720 | 0.460 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBQGC | 6 | 3.340 | 0.820 | 0.950 | 0.900 | 0.750 | 0.510 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRGC | 6 | 2.900 | 0.620 | 0.940 | 0.890 | 0.720 | 0.460 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRVC | 6 | 2.730 | 0.550 | 0.940 | 0.880 | 0.690 | 0.420 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBKHF | 7 | 0.590 | 0.010 | 0.640 | 0.410 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPHC | 7 | 0.920 | 0.050 | 0.780 | 0.560 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPVC | 7 | 3.950 | 1.130 | 0.960 | 0.920 | 0.790 | 0.580 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBQGC | 7 | 4.280 | 1.320 | 0.960 | 0.920 | 0.810 | 0.620 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRGC | 7 | 3.710 | 1.000 | 0.960 | 0.910 | 0.780 | 0.560 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRVC | 7 | 3.580 | 0.940 | 0.950 | 0.910 | 0.770 | 0.540 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBKHS | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPHS | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSVB

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VBPVS 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBQGS 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRGS 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRVS 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBKHS 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPHS 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPVS 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBQGS 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRGS 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRVS 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBKHS 11 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPHS 11 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPVS 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBQGS 11 | 0.130 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRGS 11 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRVS 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPHC 12 | 0.920 | 0.050 | 0.780 | 0.560 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPVC 12 | 3.950 | 1.130 | 0.960 | 0.920 | 0.790 | 0.580 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBQGC 12 | 4.280 | 1.320 | 0.960 | 0.920 | 0.810 | 0.620 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRGC 12 | 3.710 | 1.000 | 0.960 | 0.910 | 0.780 | 0.560 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRVC 12 | 3.580 | 0.940 | 0.950 | 0.910 | 0.770 | 0.540 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBKHF 13 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBKHS 14 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPHS 14 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPVS 14 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBQGS 14 | 0.290 | 0.000 | 0.410 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRGS 14 | 0.290 | 0.000 | 0.410 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRVS 14 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPHC 15 | 0.140 | 0.000 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPVC 15 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBQGC 15 | 1.170 | 0.090 | 0.850 | 0.710 | 0.370 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRGC 15 | 2.020 | 0.300 | 0.920 | 0.830 | 0.590 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRVC 15 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSVB

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VBKHS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPHS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPVS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBQGS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRGS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRVS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBKHS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPHS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPVS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBQGS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRGS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRVS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBKHS | 3 | 0.210 | 0.000 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPHS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPVS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBQGS | 3 | 0.340 | 0.000 | 0.440 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRGS | 3 | 0.290 | 0.000 | 0.390 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRVS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPHC | 4 | 3.800 | 0.570 | 0.930 | 0.870 | 0.670 | 0.440 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPVC | 4 | 14.880 | 6.810 | 0.990 | 0.970 | 0.930 | 0.870 | 0.740 | 0.420 | 0.080 | 0.000 | 0.000 | 0.000 |
| VBQGC | 4 | 16.610 | 8.300 | 0.990 | 0.980 | 0.940 | 0.890 | 0.770 | 0.460 | 0.160 | 0.000 | 0.000 | 0.000 |
| VBRGC | 4 | 14.040 | 6.130 | 0.990 | 0.970 | 0.930 | 0.870 | 0.730 | 0.410 | 0.050 | 0.000 | 0.000 | 0.000 |
| VBRVC | 4 | 13.590 | 5.780 | 0.990 | 0.970 | 0.930 | 0.860 | 0.720 | 0.390 | 0.020 | 0.000 | 0.000 | 0.000 |
| VBKHF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBKHS | 6 | 0.310 | 0.000 | 0.400 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPHC | 6 | 2.590 | 0.280 | 0.900 | 0.800 | 0.510 | 0.340 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPVC | 6 | 11.050 | 3.980 | 0.980 | 0.970 | 0.910 | 0.830 | 0.660 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBQGC | 6 | 12.030 | 4.640 | 0.980 | 0.970 | 0.920 | 0.840 | 0.690 | 0.350 | 0.010 | 0.000 | 0.000 | 0.000 |
| VBRGC | 6 | 10.220 | 3.460 | 0.980 | 0.960 | 0.910 | 0.820 | 0.640 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRVC | 6 | 9.820 | 3.210 | 0.980 | 0.960 | 0.900 | 0.810 | 0.620 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBKHF | 7 | 2.260 | 0.220 | 0.890 | 0.770 | 0.480 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPHC | 7 | 3.800 | 0.570 | 0.930 | 0.870 | 0.670 | 0.440 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPVC | 7 | 15.260 | 7.130 | 0.990 | 0.970 | 0.940 | 0.870 | 0.750 | 0.430 | 0.100 | 0.000 | 0.000 | 0.000 |
| VBQGC | 7 | 16.530 | 8.240 | 0.990 | 0.980 | 0.940 | 0.890 | 0.770 | 0.460 | 0.150 | 0.000 | 0.000 | 0.000 |
| VBRGC | 7 | 14.040 | 6.130 | 0.990 | 0.970 | 0.930 | 0.870 | 0.730 | 0.410 | 0.050 | 0.000 | 0.000 | 0.000 |
| VBRVC | 7 | 13.590 | 5.780 | 0.990 | 0.970 | 0.930 | 0.860 | 0.720 | 0.390 | 0.020 | 0.000 | 0.000 | 0.000 |
| VBKHS | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPHS | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSVB

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VBPVS 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBQGS 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRGS 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRVS 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBKHS 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPHS 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPVS 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBQGS 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRGS 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRVS 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBKHS 11 | 0.210 | 0.000 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPHS 11 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPVS 11 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBQGS 11 | 0.340 | 0.000 | 0.440 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRGS 11 | 0.290 | 0.000 | 0.390 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRVS 11 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPHC 12 | 3.800 | 0.570 | 0.930 | 0.870 | 0.670 | 0.440 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPVC 12 | 15.260 | 7.130 | 0.990 | 0.970 | 0.940 | 0.870 | 0.750 | 0.430 | 0.100 | 0.000 | 0.000 | 0.000 |
| VBQGC 12 | 16.530 | 8.240 | 0.990 | 0.980 | 0.940 | 0.890 | 0.770 | 0.460 | 0.150 | 0.000 | 0.000 | 0.000 |
| VBRGC 12 | 14.040 | 6.140 | 0.990 | 0.970 | 0.930 | 0.870 | 0.730 | 0.410 | 0.050 | 0.000 | 0.000 | 0.000 |
| VBRVC 12 | 13.590 | 5.780 | 0.990 | 0.970 | 0.930 | 0.860 | 0.720 | 0.390 | 0.020 | 0.000 | 0.000 | 0.000 |
| VBKHF 13 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBKHS 14 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPHS 14 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPVS 14 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBQGS 14 | 0.970 | 0.030 | 0.790 | 0.570 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRGS 14 | 0.970 | 0.030 | 0.790 | 0.570 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRVS 14 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPHC 15 | 0.460 | 0.000 | 0.480 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBPVC 15 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBQGC 15 | 3.660 | 0.530 | 0.950 | 0.900 | 0.760 | 0.520 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRGC 15 | 6.330 | 1.450 | 0.970 | 0.940 | 0.860 | 0.720 | 0.460 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| VBRVC 15 | 4.180 | 0.680 | 0.960 | 0.910 | 0.790 | 0.570 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

# ACTIVITY CODE: VO

# ON-SITE TRANSPORT
# - STORAGE LOCATION TO DISPOSAL FACILITY -

Report for file CNSVO

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VOBGS | 1 | 2.342 | 0.000 | 0.000 | 1.177 | 1.038 | 1.177 | 1.038 | 120 | OP | 0.490 | 1.460 | 0.370 | 1.080 | 0.130 | 0.350 |
| VODHS | 1 | 0.778 | 0.000 | 0.000 | -1.658 | -1.692 | -1.658 | -1.692 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VOCGS | 1 | 0.204 | 0.000 | 0.000 | -0.747 | -0.852 | -0.747 | -0.852 | 120 | OP | 0.040 | 0.110 | 0.030 | 0.080 | 0.010 | 0.020 |
| VOCHS | 1 | 0.505 | 0.000 | 0.000 | -1.903 | -1.928 | -1.903 | -1.928 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKGS | 1 | 3.176 | 0.000 | 0.000 | 1.928 | 1.804 | 1.928 | 1.804 | 120 | OP | 1.220 | 4.200 | 0.920 | 3.090 | 0.340 | 0.990 |
| VOKHS | 1 | 3.230 | 0.000 | 0.000 | 0.549 | 0.523 | 0.549 | 0.523 | 120 | OP | 0.070 | 0.210 | 0.060 | 0.170 | 0.020 | 0.040 |
| VOKVS | 1 | 3.204 | 0.000 | 0.000 | -1.683 | -1.548 | -1.683 | -1.548 | 120 | OP | 0.020 | 0.080 | 0.010 | 0.050 | 0.010 | 0.010 |
| VOMVS | 1 | 1.021 | 0.000 | 0.000 | -3.648 | -3.527 | -3.648 | -3.527 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VOPGS | 1 | 0.813 | 0.000 | 0.000 | -0.199 | -0.331 | -0.199 | -0.331 | 120 | OP | 0.090 | 0.220 | 0.070 | 0.160 | 0.020 | 0.050 |
| VOPHS | 1 | 1.068 | 0.000 | 0.000 | -1.397 | -1.439 | -1.397 | -1.439 | 120 | OP | 0.010 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VOPVS | 1 | 0.778 | 0.000 | 0.000 | -3.867 | -3.739 | -3.867 | -3.739 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VOQGS | 1 | 1.161 | 0.000 | 0.000 | 0.114 | -0.026 | 0.114 | -0.026 | 120 | OP | 0.130 | 0.340 | 0.100 | 0.250 | 0.030 | 0.080 |
| VOQVS | 1 | 1.161 | 0.000 | 0.000 | -3.522 | -3.404 | -3.522 | -3.404 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VORGS | 1 | 1.029 | 0.000 | 0.000 | -0.005 | -0.142 | -0.005 | -0.142 | 120 | OP | 0.110 | 0.290 | 0.080 | 0.210 | 0.030 | 0.070 |
| VORVS | 1 | 1.000 | 0.000 | 0.000 | -3.667 | -3.546 | -3.667 | -3.546 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VOSVS | 1 | 3.132 | 0.000 | 0.000 | -1.748 | -1.614 | -1.748 | -1.614 | 120 | OP | 0.020 | 0.070 | 0.010 | 0.050 | 0.000 | 0.010 |
| VOWGS | 1 | 2.542 | 0.000 | 0.000 | 1.357 | 1.221 | 1.357 | 1.221 | 120 | OP | 0.610 | 1.880 | 0.460 | 1.390 | 0.160 | 0.450 |
| VOBGS | 3 | 2.342 | 0.000 | 0.000 | 1.177 | 1.038 | 1.177 | 1.038 | 120 | OP | 0.490 | 1.460 | 0.370 | 1.080 | 0.130 | 0.350 |
| VODHS | 3 | 0.778 | 0.000 | 0.000 | -1.658 | -1.692 | -1.658 | -1.692 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VOCGS | 3 | 0.204 | 0.000 | 0.000 | -0.747 | -0.852 | -0.747 | -0.852 | 120 | OP | 0.040 | 0.110 | 0.030 | 0.080 | 0.010 | 0.020 |
| VOCHS | 3 | 0.505 | 0.000 | 0.000 | -1.903 | -1.928 | -1.903 | -1.928 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKGS | 3 | 3.176 | 0.000 | 0.000 | 1.928 | 1.804 | 1.928 | 1.804 | 120 | OP | 1.220 | 4.200 | 0.920 | 3.090 | 0.340 | 0.990 |
| VOKHS | 3 | 3.230 | 0.000 | 0.000 | 0.549 | 0.523 | 0.549 | 0.523 | 120 | OP | 0.070 | 0.210 | 0.060 | 0.170 | 0.020 | 0.040 |
| VOKVS | 3 | 3.204 | 0.000 | 0.000 | -1.683 | -1.548 | -1.683 | -1.548 | 120 | OP | 0.020 | 0.080 | 0.010 | 0.050 | 0.010 | 0.010 |
| VOMVS | 3 | 1.021 | 0.000 | 0.000 | -3.648 | -3.527 | -3.648 | -3.527 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VOPGS | 3 | 0.813 | 0.000 | 0.000 | -0.199 | -0.331 | -0.199 | -0.331 | 120 | OP | 0.090 | 0.220 | 0.070 | 0.160 | 0.020 | 0.050 |
| VOPHS | 3 | 1.068 | 0.000 | 0.000 | -1.397 | -1.439 | -1.397 | -1.439 | 120 | OP | 0.010 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VOPVS | 3 | 0.778 | 0.000 | 0.000 | -3.867 | -3.739 | -3.867 | -3.739 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VOQGS | 3 | 1.161 | 0.000 | 0.000 | 0.114 | -0.026 | 0.114 | -0.026 | 120 | OP | 0.130 | 0.340 | 0.100 | 0.250 | 0.030 | 0.080 |
| VOQVS | 3 | 1.161 | 0.000 | 0.000 | -3.522 | -3.404 | -3.522 | -3.404 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VORGS | 3 | 1.029 | 0.000 | 0.000 | -0.005 | -0.142 | -0.005 | -0.142 | 120 | OP | 0.110 | 0.290 | 0.080 | 0.210 | 0.030 | 0.070 |
| VORVS | 3 | 1.000 | 0.000 | 0.000 | -3.667 | -3.546 | -3.667 | -3.546 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VOSVS | 3 | 3.132 | 0.000 | 0.000 | -1.748 | -1.614 | -1.748 | -1.614 | 120 | OP | 0.020 | 0.070 | 0.010 | 0.050 | 0.000 | 0.010 |
| VOWGS | 3 | 2.542 | 0.000 | 0.000 | 1.357 | 1.221 | 1.357 | 1.221 | 120 | OP | 0.610 | 1.880 | 0.460 | 1.390 | 0.160 | 0.450 |
| VODHC | 4 | 0.000 | 2.459 | 1.635 | 0.000 | 0.000 | 2.520 | 2.520 | 20 | OP | 0.830 | 3.370 | 0.670 | 2.560 | 0.200 | 0.670 |
| VOCGC | 4 | 0.000 | 1.584 | 1.061 | 0.000 | 0.000 | 1.698 | 1.698 | 20 | OP | 1.850 | 6.350 | 1.440 | 4.820 | 0.550 | 1.760 |
| VOCHC | 4 | 0.000 | 1.885 | 1.061 | 0.000 | 0.000 | 1.946 | 1.946 | 20 | OP | 0.410 | 1.530 | 0.330 | 1.180 | 0.100 | 0.300 |
| VOMVC | 4 | 0.000 | 2.577 | 2.653 | 0.000 | 0.000 | 2.918 | 2.918 | 20 | OP | 7.520 | 32.870 | 5.720 | 24.140 | 2.370 | 8.120 |
| VOPGC | 4 | 0.000 | 1.716 | 2.407 | 0.000 | 0.000 | 2.488 | 2.488 | 20 | OP | 4.450 | 17.310 | 3.420 | 12.910 | 1.380 | 4.540 |

Report for file CNSVO

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VOPHC | 4 | 0.000 | 1.971 | 2.079 | 0.000 | 0.000 | 2.329 | 2.329 | 20 | OP | 0.660 | 2.600 | 0.530 | 1.980 | 0.160 | 0.510 |
| VOPVC | 4 | 0.000 | 1.681 | 1.453 | 0.000 | 0.000 | 1.883 | 1.883 | 20 | OP | 2.500 | 8.850 | 1.910 | 6.630 | 0.730 | 2.370 |
| VOQGC | 4 | 0.000 | 1.940 | 1.193 | 0.000 | 0.000 | 2.012 | 2.012 | 20 | OP | 2.630 | 9.470 | 2.040 | 7.140 | 0.800 | 2.570 |
| VOQVC | 4 | 0.000 | 1.940 | 1.147 | 0.000 | 0.000 | 2.005 | 2.005 | 20 | OP | 2.850 | 10.360 | 2.180 | 7.730 | 0.840 | 2.740 |
| VORGC | 4 | 0.000 | 2.205 | 0.556 | 0.000 | 0.000 | 2.215 | 2.215 | 20 | OP | 3.300 | 12.260 | 2.550 | 9.190 | 1.010 | 3.280 |
| VORVC | 4 | 0.000 | 2.176 | 1.417 | 0.000 | 0.000 | 2.246 | 2.246 | 20 | OP | 3.700 | 14.110 | 2.820 | 10.470 | 1.110 | 3.650 |
| VOBGF | 5 | 0.000 | 0.000 | 2.246 | 0.000 | 0.000 | 2.246 | 2.246 | 60 | OP | 1.780 | 7.640 | 1.350 | 5.610 | 0.500 | 1.780 |
| VOKGF | 5 | 0.000 | 0.000 | 2.778 | 0.000 | 0.000 | 2.778 | 2.778 | 60 | OP | 3.340 | 15.540 | 2.510 | 11.420 | 0.960 | 3.570 |
| VOKHF | 5 | 0.000 | 0.000 | 2.531 | 0.000 | 0.000 | 2.531 | 2.531 | 60 | OP | 0.840 | 3.430 | 0.680 | 2.600 | 0.210 | 0.680 |
| VOKVF | 5 | 0.000 | 0.000 | 2.204 | 0.000 | 0.000 | 2.204 | 2.204 | 60 | OP | 2.630 | 12.180 | 1.960 | 8.820 | 0.730 | 2.820 |
| VOSVF | 5 | 0.000 | 0.000 | 1.831 | 0.000 | 0.000 | 1.831 | 1.831 | 60 | OP | 1.700 | 7.300 | 1.270 | 5.300 | 0.470 | 1.710 |
| VOWGF | 5 | 0.000 | 0.000 | 2.144 | 0.000 | 0.000 | 2.144 | 2.144 | 60 | OP | 1.580 | 6.660 | 1.190 | 4.890 | 0.440 | 1.550 |
| VOBGS | 6 | 3.175 | 0.000 | 0.000 | 1.927 | 1.803 | 1.927 | 1.803 | 120 | OP | 1.220 | 4.190 | 0.920 | 3.080 | 0.340 | 0.990 |
| VODHC | 6 | 2.907 | 2.238 | 0.000 | 0.258 | 0.226 | 2.243 | 2.242 | 120 | OP | 0.590 | 2.300 | 0.480 | 1.760 | 0.140 | 0.450 |
| VOCGC | 6 | 2.031 | 1.362 | 0.000 | 0.897 | 0.754 | 1.490 | 1.458 | 120 | OP | 1.450 | 4.670 | 1.140 | 3.560 | 0.430 | 1.320 |
| VOCHC | 6 | 2.333 | 1.664 | 0.000 | -0.258 | -0.301 | 1.669 | 1.669 | 120 | OP | 0.290 | 1.040 | 0.240 | 0.810 | 0.070 | 0.200 |
| VOKGS | 6 | 3.708 | 0.000 | 0.000 | 2.406 | 2.294 | 2.406 | 2.294 | 120 | OP | 2.150 | 8.160 | 1.630 | 5.990 | 0.610 | 1.890 |
| VOKHS | 6 | 3.762 | 0.000 | 0.000 | 1.028 | 1.013 | 1.028 | 1.013 | 120 | OP | 0.130 | 0.420 | 0.110 | 0.330 | 0.030 | 0.080 |
| VOKVS | 6 | 3.736 | 0.000 | 0.000 | -1.204 | -1.058 | -1.204 | -1.058 | 120 | OP | 0.040 | 0.140 | 0.030 | 0.100 | 0.010 | 0.030 |
| VOMVC | 6 | 3.025 | 2.356 | 0.000 | -1.844 | -1.713 | 2.356 | 2.356 | 120 | OP | 4.160 | 16.240 | 3.180 | 12.030 | 1.260 | 4.160 |
| VOPGC | 6 | 2.163 | 1.494 | 0.000 | 1.016 | 0.874 | 1.619 | 1.587 | 120 | OP | 1.690 | 5.510 | 1.320 | 4.200 | 0.500 | 1.540 |
| VOPHC | 6 | 2.418 | 1.749 | 0.000 | -0.182 | -0.224 | 1.754 | 1.754 | 120 | OP | 0.330 | 1.170 | 0.260 | 0.910 | 0.080 | 0.230 |
| VOPVC | 6 | 2.128 | 1.459 | 0.000 | -2.652 | -2.535 | 1.459 | 1.459 | 120 | OP | 1.570 | 5.120 | 1.200 | 3.870 | 0.450 | 1.420 |
| VOQGC | 6 | 2.387 | 1.718 | 0.000 | 1.217 | 1.079 | 1.837 | 1.808 | 120 | OP | 2.160 | 7.300 | 1.680 | 5.530 | 0.650 | 2.020 |
| VOQVC | 6 | 2.387 | 1.718 | 0.000 | -2.419 | -2.299 | 1.718 | 1.718 | 120 | OP | 2.090 | 7.160 | 1.590 | 5.380 | 0.600 | 1.940 |
| VORGC | 6 | 2.653 | 1.984 | 0.000 | 1.457 | 1.323 | 2.097 | 2.070 | 120 | OP | 2.900 | 10.200 | 2.240 | 7.670 | 0.880 | 2.760 |
| VORVC | 6 | 2.623 | 1.954 | 0.000 | -2.206 | -2.083 | 1.954 | 1.954 | 120 | OP | 2.700 | 9.700 | 2.060 | 7.250 | 0.800 | 2.580 |
| VOSVS | 6 | 3.363 | 0.000 | 0.000 | -1.540 | -1.401 | -1.540 | -1.401 | 120 | OP | 0.030 | 0.100 | 0.020 | 0.070 | 0.010 | 0.020 |
| VOWGS | 6 | 3.073 | 0.000 | 0.000 | 1.835 | 1.709 | 1.835 | 1.709 | 120 | OP | 1.090 | 3.680 | 0.820 | 2.710 | 0.300 | 0.870 |
| VOBGF | 7 | 0.000 | 0.000 | 2.246 | 0.000 | 0.000 | 2.246 | 2.246 | 60 | OP | 1.780 | 7.640 | 1.350 | 5.610 | 0.500 | 1.780 |
| VODHC | 7 | 0.000 | 2.459 | 1.635 | 0.000 | 0.000 | 2.520 | 2.520 | 20 | OP | 0.830 | 3.370 | 0.670 | 2.560 | 0.200 | 0.670 |
| VOCGC | 7 | 0.000 | 1.584 | 1.061 | 0.000 | 0.000 | 1.698 | 1.698 | 20 | OP | 1.850 | 6.350 | 1.440 | 4.820 | 0.550 | 1.760 |
| VOCHC | 7 | 0.000 | 1.885 | 1.061 | 0.000 | 0.000 | 1.946 | 1.946 | 20 | OP | 0.410 | 1.530 | 0.330 | 1.180 | 0.100 | 0.300 |
| VOKGF | 7 | 0.000 | 0.000 | 2.778 | 0.000 | 0.000 | 2.778 | 2.778 | 60 | OP | 3.340 | 15.540 | 2.510 | 11.420 | 0.960 | 3.570 |
| VOKHF | 7 | 0.000 | 0.000 | 2.531 | 0.000 | 0.000 | 2.531 | 2.531 | 60 | OP | 0.840 | 3.430 | 0.680 | 2.600 | 0.210 | 0.680 |
| VOKVF | 7 | 0.000 | 0.000 | 2.204 | 0.000 | 0.000 | 2.204 | 2.204 | 60 | OP | 2.630 | 12.180 | 1.960 | 8.820 | 0.730 | 2.820 |
| VOMVC | 7 | 0.000 | 2.577 | 1.453 | 0.000 | 0.000 | 2.608 | 2.608 | 20 | OP | 5.430 | 22.350 | 4.140 | 16.480 | 1.680 | 5.620 |
| VOPGC | 7 | 0.000 | 1.716 | 1.193 | 0.000 | 0.000 | 1.830 | 1.830 | 20 | OP | 2.150 | 7.510 | 1.670 | 5.690 | 0.640 | 2.070 |
| VOPHC | 7 | 0.000 | 1.971 | 1.147 | 0.000 | 0.000 | 2.032 | 2.032 | 20 | OP | 0.460 | 1.720 | 0.370 | 1.330 | 0.110 | 0.340 |

Report for file CNSVO

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VOPVC | 7 | 0.000 | 1.681 | 0.556 | 0.000 | 0.000 | 1.712 | 1.712 | 20 | OP | 2.080 | 7.110 | 1.580 | 5.340 | 0.600 | 1.930 |
| VOQGC | 7 | 0.000 | 1.940 | 1.417 | 0.000 | 0.000 | 2.054 | 2.054 | 20 | OP | 2.760 | 10.000 | 2.140 | 7.520 | 0.840 | 2.710 |
| VOQVC | 7 | 0.000 | 1.940 | 0.815 | 0.000 | 0.000 | 1.971 | 1.971 | 20 | OP | 2.750 | 9.920 | 2.100 | 7.410 | 0.810 | 2.630 |
| VORGC | 7 | 0.000 | 2.205 | 1.683 | 0.000 | 0.000 | 2.319 | 2.319 | 20 | OP | 3.700 | 14.000 | 2.850 | 10.470 | 1.130 | 3.720 |
| VORVC | 7 | 0.000 | 2.176 | 1.051 | 0.000 | 0.000 | 2.207 | 2.207 | 20 | OP | 3.550 | 13.430 | 2.710 | 9.980 | 1.060 | 3.490 |
| VOSVF | 7 | 0.000 | 0.000 | 1.831 | 0.000 | 0.000 | 1.831 | 1.831 | 60 | OP | 1.700 | 7.300 | 1.270 | 5.300 | 0.470 | 1.710 |
| VOWGF | 7 | 0.000 | 0.000 | 2.144 | 0.000 | 0.000 | 2.144 | 2.144 | 60 | OP | 1.580 | 6.660 | 1.190 | 4.890 | 0.440 | 1.550 |
| VOBGS | 9 | 2.342 | 0.000 | 0.000 | 1.177 | 1.038 | 1.177 | 1.038 | 120 | OP | 0.490 | 1.460 | 0.370 | 1.080 | 0.130 | 0.350 |
| VODHS | 9 | 0.778 | 0.000 | 0.000 | -1.658 | -1.692 | -1.658 | -1.692 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VOCGS | 9 | 0.204 | 0.000 | 0.000 | -0.747 | -0.852 | -0.747 | -0.852 | 120 | OP | 0.040 | 0.110 | 0.030 | 0.080 | 0.010 | 0.020 |
| VOCHS | 9 | 0.505 | 0.000 | 0.000 | -1.903 | -1.928 | -1.903 | -1.928 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKGS | 9 | 3.176 | 0.000 | 0.000 | 1.928 | 1.804 | 1.928 | 1.804 | 120 | OP | 1.220 | 4.200 | 0.920 | 3.090 | 0.340 | 0.990 |
| VOKHS | 9 | 3.230 | 0.000 | 0.000 | 0.549 | 0.523 | 0.549 | 0.523 | 120 | OP | 0.070 | 0.210 | 0.060 | 0.170 | 0.020 | 0.040 |
| VOKVS | 9 | 3.204 | 0.000 | 0.000 | -1.683 | -1.548 | -1.683 | -1.548 | 120 | OP | 0.020 | 0.080 | 0.010 | 0.050 | 0.010 | 0.010 |
| VOMVS | 9 | 1.021 | 0.000 | 0.000 | -3.648 | -3.527 | -3.648 | -3.527 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VOPGS | 9 | 0.813 | 0.000 | 0.000 | -0.199 | -0.331 | -0.199 | -0.331 | 120 | OP | 0.090 | 0.220 | 0.070 | 0.160 | 0.020 | 0.050 |
| VOPHS | 9 | 1.068 | 0.000 | 0.000 | -1.397 | -1.439 | -1.397 | -1.439 | 120 | OP | 0.010 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VOPVS | 9 | 0.778 | 0.000 | 0.000 | -3.867 | -3.739 | -3.867 | -3.739 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VOQGS | 9 | 1.161 | 0.000 | 0.000 | 0.114 | -0.026 | 0.114 | -0.026 | 120 | OP | 0.130 | 0.340 | 0.100 | 0.250 | 0.030 | 0.080 |
| VOQVS | 9 | 1.161 | 0.000 | 0.000 | -3.522 | -3.404 | -3.522 | -3.404 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VORGS | 9 | 1.029 | 0.000 | 0.000 | -0.005 | -0.142 | -0.005 | -0.142 | 120 | OP | 0.110 | 0.290 | 0.080 | 0.210 | 0.030 | 0.070 |
| VORVS | 9 | 1.000 | 0.000 | 0.000 | -3.667 | -3.546 | -3.667 | -3.546 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VOSVS | 9 | 3.132 | 0.000 | 0.000 | -1.748 | -1.614 | -1.748 | -1.614 | 120 | OP | 0.020 | 0.070 | 0.010 | 0.050 | 0.000 | 0.010 |
| VOWGS | 9 | 2.542 | 0.000 | 0.000 | 1.357 | 1.221 | 1.357 | 1.221 | 120 | OP | 0.610 | 1.880 | 0.460 | 1.390 | 0.160 | 0.450 |
| VOBGS | 11 | 2.342 | 0.000 | 0.000 | 1.654 | 1.515 | 1.654 | 1.515 | 360 | OP | 0.670 | 2.150 | 0.510 | 1.580 | 0.180 | 0.500 |
| VODHS | 11 | 0.778 | 0.000 | 0.000 | -1.180 | -1.215 | -1.180 | -1.215 | 360 | OP | 0.010 | 0.020 | 0.010 | 0.010 | 0.000 | 0.000 |
| VOCGS | 11 | 0.204 | 0.000 | 0.000 | -0.270 | -0.375 | -0.270 | -0.375 | 360 | OP | 0.060 | 0.150 | 0.050 | 0.110 | 0.020 | 0.040 |
| VOCHS | 11 | 0.505 | 0.000 | 0.000 | -1.426 | -1.451 | -1.426 | -1.451 | 360 | OP | 0.010 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VOKGS | 11 | 3.176 | 0.000 | 0.000 | 2.405 | 2.281 | 2.405 | 2.281 | 360 | OP | 1.640 | 6.430 | 1.250 | 4.690 | 0.460 | 1.410 |
| VOKHS | 11 | 3.230 | 0.000 | 0.000 | 1.026 | 1.000 | 1.026 | 1.000 | 360 | OP | 0.130 | 0.410 | 0.110 | 0.330 | 0.030 | 0.080 |
| VOKVS | 11 | 3.204 | 0.000 | 0.000 | -1.206 | -1.071 | -1.206 | -1.071 | 360 | OP | 0.030 | 0.110 | 0.020 | 0.080 | 0.010 | 0.020 |
| VOMVS | 11 | 1.021 | 0.000 | 0.000 | -3.171 | -3.050 | -3.171 | -3.050 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| VOPGS | 11 | 0.813 | 0.000 | 0.000 | 0.278 | 0.146 | 0.278 | 0.146 | 360 | OP | 0.120 | 0.310 | 0.090 | 0.230 | 0.030 | 0.080 |
| VOPHS | 11 | 1.068 | 0.000 | 0.000 | -0.919 | -0.962 | -0.919 | -0.962 | 360 | OP | 0.010 | 0.030 | 0.010 | 0.020 | 0.000 | 0.010 |
| VOPVS | 11 | 0.778 | 0.000 | 0.000 | -3.389 | -3.262 | -3.389 | -3.262 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| VOQGS | 11 | 1.161 | 0.000 | 0.000 | 0.591 | 0.451 | 0.591 | 0.451 | 360 | OP | 0.180 | 0.470 | 0.140 | 0.350 | 0.050 | 0.120 |
| VOQVS | 11 | 1.161 | 0.000 | 0.000 | -3.045 | -2.927 | -3.045 | -2.927 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| VORGS | 11 | 1.029 | 0.000 | 0.000 | 0.472 | 0.335 | 0.472 | 0.335 | 360 | OP | 0.160 | 0.400 | 0.120 | 0.300 | 0.040 | 0.100 |
| VORVS | 11 | 1.000 | 0.000 | 0.000 | -3.190 | -3.069 | -3.190 | -3.069 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |

Report for file CNSVO

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VOSVS | 11 | 3.132 | 0.000 | 0.000 | -1.271 | -1.137 | -1.271 | -1.137 | 360 | OP | 0.030 | 0.100 | 0.020 | 0.070 | 0.010 | 0.020 |
| VOMGS | 11 | 2.542 | 0.000 | 0.000 | 1.834 | 1.698 | 1.834 | 1.698 | 360 | OP | 0.830 | 2.800 | 0.630 | 2.050 | 0.230 | 0.640 |
| VODHC | 12 | 0.000 | 2.459 | 1.635 | 0.000 | 0.000 | 2.520 | 2.520 | 20 | OP | 0.830 | 3.370 | 0.670 | 2.560 | 0.200 | 0.670 |
| VOCGC | 12 | 0.000 | 1.584 | 1.061 | 0.000 | 0.000 | 1.698 | 1.698 | 20 | OP | 1.850 | 6.350 | 1.440 | 4.820 | 0.550 | 1.760 |
| VOCHC | 12 | 0.000 | 1.885 | 1.061 | 0.000 | 0.000 | 1.946 | 1.946 | 20 | OP | 0.410 | 1.530 | 0.330 | 1.180 | 0.100 | 0.300 |
| VOMVC | 12 | 0.000 | 2.577 | 1.453 | 0.000 | 0.000 | 2.608 | 2.608 | 20 | OP | 5.430 | 22.350 | 4.140 | 16.480 | 1.680 | 5.620 |
| VOPGC | 12 | 0.000 | 1.716 | 1.193 | 0.000 | 0.000 | 1.830 | 1.830 | 20 | OP | 2.150 | 7.510 | 1.670 | 5.690 | 0.640 | 2.070 |
| VOPHC | 12 | 0.000 | 1.971 | 1.147 | 0.000 | 0.000 | 2.032 | 2.032 | 20 | OP | 0.460 | 1.720 | 0.370 | 1.330 | 0.110 | 0.340 |
| VOPVC | 12 | 0.000 | 1.681 | 0.556 | 0.000 | 0.000 | 1.712 | 1.712 | 20 | OP | 2.080 | 7.110 | 1.580 | 5.340 | 0.600 | 1.930 |
| VOQGC | 12 | 0.000 | 1.940 | 1.417 | 0.000 | 0.000 | 2.054 | 2.054 | 20 | OP | 2.760 | 10.000 | 2.140 | 7.520 | 0.840 | 2.710 |
| VOQVC | 12 | 0.000 | 1.940 | 0.815 | 0.000 | 0.000 | 1.971 | 1.971 | 20 | OP | 2.750 | 9.920 | 2.100 | 7.410 | 0.810 | 2.630 |
| VORGC | 12 | 0.000 | 2.205 | 1.683 | 0.000 | 0.000 | 2.319 | 2.319 | 20 | OP | 3.700 | 14.000 | 2.850 | 10.470 | 1.130 | 3.720 |
| VORVC | 12 | 0.000 | 2.176 | 1.051 | 0.000 | 0.000 | 2.207 | 2.207 | 20 | OP | 3.550 | 13.430 | 2.710 | 9.980 | 1.060 | 3.490 |
| VOBGC | 13 | 0.000 | 0.000 | 2.246 | 0.000 | 0.000 | 2.246 | 2.246 | 60 | OP | 1.780 | 7.640 | 1.350 | 5.610 | 0.500 | 1.780 |
| VOKGC | 13 | 0.000 | 0.000 | 2.778 | 0.000 | 0.000 | 2.778 | 2.778 | 60 | OP | 3.340 | 15.540 | 2.510 | 11.420 | 0.960 | 3.570 |
| VOKHF | 13 | 0.000 | 0.000 | 2.531 | 0.000 | 0.000 | 2.531 | 2.531 | 60 | OP | 0.840 | 3.430 | 0.680 | 2.600 | 0.210 | 0.680 |
| VOKVC | 13 | 0.000 | 0.000 | 2.204 | 0.000 | 0.000 | 2.204 | 2.204 | 60 | OP | 2.630 | 12.180 | 1.960 | 8.820 | 0.730 | 2.820 |
| VOSVC | 13 | 0.000 | 0.000 | 1.831 | 0.000 | 0.000 | 1.831 | 1.831 | 60 | OP | 1.700 | 7.300 | 1.270 | 5.300 | 0.470 | 1.710 |
| VOMGC | 13 | 0.000 | 0.000 | 2.144 | 0.000 | 0.000 | 2.144 | 2.144 | 60 | OP | 1.580 | 6.660 | 1.190 | 4.890 | 0.440 | 1.550 |
| VOBGC | 14 | 0.000 | 0.000 | -0.276 | 0.000 | 0.000 | -0.276 | -0.276 | 120 | OP | 0.080 | 0.240 | 0.060 | 0.170 | 0.020 | 0.060 |
| VODHC | 14 | 0.000 | 0.000 | -1.620 | 0.000 | 0.000 | -1.620 | -1.620 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VOCGC | 14 | 0.000 | 0.000 | -0.276 | 0.000 | 0.000 | -0.276 | -0.276 | 120 | OP | 0.080 | 0.240 | 0.060 | 0.170 | 0.020 | 0.060 |
| VOCHC | 14 | 0.000 | 0.000 | -1.620 | 0.000 | 0.000 | -1.620 | -1.620 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VOKGS | 14 | 2.954 | 0.000 | 0.000 | 1.728 | 1.600 | 1.728 | 1.600 | 120 | OP | 0.960 | 3.170 | 0.720 | 2.340 | 0.260 | 0.760 |
| VOKHS | 14 | 3.009 | 0.000 | 0.000 | 0.350 | 0.319 | 0.350 | 0.319 | 120 | OP | 0.060 | 0.160 | 0.050 | 0.130 | 0.010 | 0.030 |
| VOKVS | 14 | 2.982 | 0.000 | 0.000 | -1.883 | -1.752 | -1.883 | -1.752 | 120 | OP | 0.020 | 0.060 | 0.010 | 0.040 | 0.000 | 0.010 |
| VOMVC | 14 | 0.000 | 0.000 | -3.699 | 0.000 | 0.000 | -3.699 | -3.699 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VOPGC | 14 | 0.000 | 0.000 | -0.276 | 0.000 | 0.000 | -0.276 | -0.276 | 120 | OP | 0.080 | 0.240 | 0.060 | 0.170 | 0.020 | 0.060 |
| VOPHC | 14 | 0.000 | 0.000 | -1.620 | 0.000 | 0.000 | -1.620 | -1.620 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VOPVC | 14 | 0.000 | 0.000 | -3.699 | 0.000 | 0.000 | -3.699 | -3.699 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VOQGC | 14 | 0.000 | 0.000 | -0.276 | 0.000 | 0.000 | -0.276 | -0.276 | 120 | OP | 0.080 | 0.240 | 0.060 | 0.170 | 0.020 | 0.060 |
| VOQVC | 14 | 0.000 | 0.000 | -3.699 | 0.000 | 0.000 | -3.699 | -3.699 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VORGC | 14 | 0.000 | 0.000 | -0.276 | 0.000 | 0.000 | -0.276 | -0.276 | 120 | OP | 0.080 | 0.240 | 0.060 | 0.170 | 0.020 | 0.060 |
| VORVC | 14 | 0.000 | 0.000 | -3.699 | 0.000 | 0.000 | -3.699 | -3.699 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VOSVS | 14 | 2.132 | 0.000 | 0.000 | -2.648 | -2.532 | -2.648 | -2.532 | 120 | OP | 0.010 | 0.030 | 0.000 | 0.020 | 0.000 | 0.000 |
| VOMGC | 14 | 0.000 | 0.000 | -2.757 | 0.000 | 0.000 | -2.757 | -2.757 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VODHC | 15 | 1.477 | 0.778 | 0.000 | -1.029 | -1.076 | 0.785 | 0.784 | 120 | OP | 0.100 | 0.310 | 0.080 | 0.240 | 0.020 | 0.060 |
| VOCGC | 15 | 0.903 | 0.204 | 0.000 | -0.118 | -0.253 | 0.373 | 0.334 | 120 | OP | 0.390 | 1.130 | 0.310 | 0.870 | 0.110 | 0.320 |
| VOCHC | 15 | 1.204 | 0.505 | 0.000 | -1.274 | -1.319 | 0.512 | 0.511 | 120 | OP | 0.070 | 0.210 | 0.060 | 0.170 | 0.020 | 0.040 |

Report for file CNSVO

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VOMVC 15 | 3.170 | 1.498 | 0.000 | -1.714 | -1.579 | 1.498 | 1.498 | 120 | OP | 1.640 | 5.390 | 1.250 | 4.070 | 0.470 | 1.490 |
| VOPGC 15 | 1.512 | 0.813 | 0.000 | 0.430 | 0.286 | 0.963 | 0.926 | 120 | OP | 0.790 | 2.370 | 0.620 | 1.830 | 0.230 | 0.680 |
| VOPHC 15 | 1.767 | 1.068 | 0.000 | -0.768 | -0.816 | 1.074 | 1.074 | 120 | OP | 0.140 | 0.460 | 0.110 | 0.360 | 0.030 | 0.090 |
| VOPVC 15 | 1.477 | 0.778 | 0.000 | -3.238 | -3.123 | 0.778 | 0.778 | 120 | OP | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| VOQGC 15 | 1.860 | 1.161 | 0.000 | 0.743 | 0.599 | 1.302 | 1.266 | 120 | OP | 1.170 | 3.660 | 0.920 | 2.800 | 0.340 | 1.040 |
| VOQVC 15 | 1.860 | 1.161 | 0.000 | -2.893 | -2.779 | 1.161 | 1.161 | 120 | OP | 1.120 | 3.490 | 0.850 | 2.640 | 0.310 | 0.980 |
| VORGC 15 | 2.793 | 1.330 | 0.000 | 1.583 | 1.452 | 1.776 | 1.696 | 120 | OP | 2.020 | 6.330 | 1.570 | 4.810 | 0.600 | 1.760 |
| VORVC 15 | 2.763 | 1.301 | 0.000 | -2.080 | -1.954 | 1.301 | 1.301 | 120 | OP | 1.320 | 4.180 | 1.000 | 3.160 | 0.370 | 1.170 |

Report for file CNSVO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VOBGS | 1 | 0.49 | 1.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| VODHS | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOCGS | 1 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOCHS | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOKGS | 1 | 1.22 | 4.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.00 | 0.00 |
| VOKHS | 1 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOKVS | 1 | 0.02 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOMVS | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOPGS | 1 | 0.09 | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOPHS | 1 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOPVS | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOQGS | 1 | 0.13 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOQVS | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VORGS | 1 | 0.11 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VORVS | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOSVS | 1 | 0.02 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOWGS | 1 | 0.61 | 1.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 |
| VOBGS | 3 | 0.49 | 1.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| VODHS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOCGS | 3 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOCHS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOKGS | 3 | 1.22 | 4.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.00 | 0.00 |
| VOKHS | 3 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOKVS | 3 | 0.02 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOMVS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOPGS | 3 | 0.09 | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOPHS | 3 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOPVS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOQGS | 3 | 0.13 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOQVS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VORGS | 3 | 0.11 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VORVS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOSVS | 3 | 0.02 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOWGS | 3 | 0.61 | 1.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 |
| VODHC | 4 | 0.83 | 3.37 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| VOCGC | 4 | 1.85 | 6.35 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.00 | 0.00 |
| VOCHC | 4 | 0.41 | 1.53 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.01 | 0.00 | 0.00 |

Report for file CNSVO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VOMVC | 4 | 7.52 | 32.87 | 53.39 | 1072.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| VOPGC | 4 | 4.45 | 17.31 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VOPHC | 4 | 0.66 | 2.60 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| VOPVC | 4 | 2.50 | 8.85 | 1.72 | 21.28 | 0.00 | 0.00 | 6.66 | 49.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| VOQGC | 4 | 2.63 | 9.47 | 1.72 | 21.28 | 0.00 | 0.00 | 6.66 | 49.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| VOQVC | 4 | 2.85 | 10.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VORGC | 4 | 3.30 | 12.26 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VORVC | 4 | 3.70 | 14.11 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VOBGF | 5 | 1.78 | 7.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| VOKGF | 5 | 3.34 | 15.54 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| VOKHF | 5 | 0.84 | 3.43 | 0.03 | 0.68 | 2.40 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| VOKVF | 5 | 2.63 | 12.18 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 4.94 | 35.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| VOSVF | 5 | 1.70 | 7.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| VOMGF | 5 | 1.58 | 6.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.00 | 0.00 |
| VOBGS | 6 | 1.22 | 4.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| VODHC | 6 | 0.59 | 2.30 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| VOCGC | 6 | 1.45 | 4.67 | 0.15 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.00 | 0.00 |
| VOCHC | 6 | 0.29 | 1.04 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.01 | 0.00 | 0.00 |
| VOKGS | 6 | 2.15 | 8.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.00 | 0.00 |
| VOKHS | 6 | 0.13 | 0.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOKVS | 6 | 0.04 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOMVC | 6 | 4.16 | 16.24 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VOPGC | 6 | 1.69 | 5.51 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| VOPHC | 6 | 0.33 | 1.17 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.01 | 0.00 | 0.00 |
| VOPVC | 6 | 1.57 | 5.12 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| VOQGC | 6 | 2.16 | 7.30 | 1.72 | 21.28 | 0.00 | 0.00 | 6.66 | 49.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| VOQVC | 6 | 2.09 | 7.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| VORGC | 6 | 2.90 | 10.20 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VORVC | 6 | 2.70 | 9.70 | 1.72 | 21.28 | 0.00 | 0.00 | 6.66 | 49.52 | 0.00 | 0.00 | 5.55 | 13.81 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| VOSVS | 6 | 0.03 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOMGS | 6 | 1.09 | 3.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.00 | 0.00 |
| VOBGF | 7 | 1.78 | 7.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| VODHC | 7 | 0.83 | 3.37 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| VOCGC | 7 | 1.85 | 6.35 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.00 | 0.00 |
| VOCHC | 7 | 0.41 | 1.53 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.01 | 0.00 | 0.00 |
| VOKGF | 7 | 3.34 | 15.54 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| VOKHF | 7 | 0.84 | 3.43 | 0.03 | 0.68 | 2.40 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |

Report for file CNSVO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VOKVF | 7 | 2.63 | 12.18 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 4.94 | 35.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| VOMVC | 7 | 5.43 | 22.35 | 53.39 | 1072.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| VOPGC | 7 | 2.15 | 7.51 | 1.72 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| VOPHC | 7 | 0.46 | 1.72 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.01 | 0.00 | 0.00 |
| VOPVC | 7 | 2.08 | 7.11 | 1.72 | 21.28 | 0.00 | 0.00 | 6.66 | 49.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| VOQGC | 7 | 2.76 | 10.00 | 1.72 | 21.28 | 0.00 | 0.00 | 6.66 | 49.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| VOQVC | 7 | 2.75 | 9.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| VORGC | 7 | 3.70 | 14.00 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VORVC | 7 | 3.55 | 13.43 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VOSVF | 7 | 1.70 | 7.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| VOWGF | 7 | 1.58 | 6.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.00 | 0.00 |
| VOBGS | 9 | 0.49 | 1.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| VODHS | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOCGS | 9 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOCHS | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOKGS | 9 | 1.22 | 4.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.00 | 0.00 |
| VOKHS | 9 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOKVS | 9 | 0.02 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOMVS | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOPGS | 9 | 0.09 | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOPHS | 9 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOPVS | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOQGS | 9 | 0.13 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOQVS | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VORGS | 9 | 0.11 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VORVS | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOSVS | 9 | 0.02 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOWGS | 9 | 0.61 | 1.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 |
| VOBGS | 11 | 0.67 | 2.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| VODHS | 11 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOCGS | 11 | 0.06 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOCHS | 11 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOKGS | 11 | 1.64 | 6.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.00 | 0.00 |
| VOKHS | 11 | 0.13 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOKVS | 11 | 0.03 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOMVS | 11 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOPGS | 11 | 0.12 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSVO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VOPHS 11 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOPVS 11 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOQGS 11 | 0.18 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOQVS 11 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VORGS 11 | 0.16 | 0.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VORVS 11 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOSVS 11 | 0.03 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOMGS 11 | 0.83 | 2.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.00 | 0.00 |
| VODHC 12 | 0.83 | 3.37 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| VOCGC 12 | 1.85 | 6.35 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.00 | 0.00 |
| VOCHC 12 | 0.41 | 1.53 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.01 | 0.00 | 0.00 |
| VOMVC 12 | 5.43 | 22.35 | 53.39 | 1072.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 31.80 | 495.88 | 0.00 | 0.00 | 0.59 | 51.83 | 15.43 | 179.59 |
| VOPGC 12 | 2.15 | 7.51 | 1.72 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| VOPHC 12 | 0.46 | 1.72 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.01 | 0.00 | 0.00 |
| VOPVC 12 | 2.08 | 7.11 | 1.72 | 21.28 | 0.00 | 0.00 | 6.66 | 49.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| VOQGC 12 | 2.76 | 10.00 | 1.72 | 21.28 | 0.00 | 0.00 | 6.66 | 49.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| VOQVC 12 | 2.75 | 9.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| VORGC 12 | 3.70 | 14.00 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VORVC 12 | 3.55 | 13.43 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VOBGC 13 | 1.78 | 7.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| VOKGC 13 | 3.34 | 15.54 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| VOKHF 13 | 0.84 | 3.43 | 0.03 | 0.68 | 2.40 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| VOKVC 13 | 2.63 | 12.18 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 4.94 | 35.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| VOSVC 13 | 1.70 | 7.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| VOMGC 13 | 1.58 | 6.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.00 | 0.00 |
| VOBGC 14 | 0.08 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VODHC 14 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOCGC 14 | 0.08 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOCHC 14 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOKGS 14 | 0.96 | 3.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.00 | 0.00 |
| VOKHS 14 | 0.06 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOKVS 14 | 0.02 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOMVC 14 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOPGC 14 | 0.08 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOPHC 14 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOPVC 14 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOQGC 14 | 0.08 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSVO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VOQVC 14 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VORGC 14 | 0.08 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VORVC 14 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOSVS 14 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOWGC 14 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VODHC 15 | 0.10 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOCGC 15 | 0.39 | 1.13 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 |
| VOCHC 15 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOMVC 15 | 1.64 | 5.39 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| VOPGC 15 | 0.79 | 2.37 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| VOPHC 15 | 0.14 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOPVC 15 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| VOQGC 15 | 1.17 | 3.66 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| VOQVC 15 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| VORGC 15 | 2.02 | 6.33 | 1.72 | 21.28 | 0.00 | 0.00 | 6.66 | 49.52 | 0.00 | 0.00 | 5.55 | 13.81 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| VORVC 15 | 1.32 | 4.18 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.66 | 2.42 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |

Report for file CNSVO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VOBGS | 1 | 0.49 | 1.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| VODHS | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOCGS | 1 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOCHS | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOKGS | 1 | 1.22 | 4.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.00 | 0.00 |
| VOKHS | 1 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOKVS | 1 | 0.02 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOMVS | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOPGS | 1 | 0.09 | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOPHS | 1 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOPVS | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOQGS | 1 | 0.13 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOQVS | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VORGS | 1 | 0.11 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VORVS | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOSVS | 1 | 0.02 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOWGS | 1 | 0.61 | 1.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.05 | 0.00 | 0.00 |
| VOBGS | 3 | 0.49 | 1.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| VODHS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOCGS | 3 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOCHS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOKGS | 3 | 1.22 | 4.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.00 | 0.00 |
| VOKHS | 3 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOKVS | 3 | 0.02 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOMVS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOPGS | 3 | 0.09 | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOPHS | 3 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOPVS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOQGS | 3 | 0.13 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOQVS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VORGS | 3 | 0.11 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VORVS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOSVS | 3 | 0.02 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOWGS | 3 | 0.61 | 1.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.05 | 0.00 | 0.00 |
| VODHC | 4 | 0.83 | 3.37 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| VOCGC | 4 | 1.85 | 6.35 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.00 | 0.00 |
| VOCHC | 4 | 0.41 | 1.53 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 | 0.00 | 0.05 | 0.00 | 0.00 |

Report for file CNSVO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VOMVC | 4 | 7.52 | 32.87 | 151.19 | 4986.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| VOPGC | 4 | 4.45 | 17.31 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VOPHC | 4 | 0.66 | 2.60 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| VOPVC | 4 | 2.50 | 8.85 | 5.82 | 57.27 | 0.00 | 0.00 | 29.38 | 468.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| VOQGC | 4 | 2.63 | 9.47 | 5.82 | 57.27 | 0.00 | 0.00 | 29.38 | 468.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| VOQVC | 4 | 2.85 | 10.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VORGC | 4 | 3.30 | 12.26 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VORVC | 4 | 3.70 | 14.11 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VOBGF | 5 | 1.78 | 7.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| VOKGF | 5 | 3.34 | 15.54 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| VOKHF | 5 | 0.84 | 3.43 | 0.19 | 2.85 | 67.78 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| VOKVF | 5 | 2.63 | 12.18 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 9.19 | 141.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| VOSVF | 5 | 1.70 | 7.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| VOWGF | 5 | 1.58 | 6.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.00 | 0.00 |
| VOBGS | 6 | 1.22 | 4.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| VODHC | 6 | 0.59 | 2.30 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| VOCGC | 6 | 1.45 | 4.67 | 0.63 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.00 | 0.00 |
| VOCHC | 6 | 0.29 | 1.04 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 | 0.00 | 0.05 | 0.00 |
| VOKGS | 6 | 2.15 | 8.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 0.00 | 0.00 |
| VOKHS | 6 | 0.13 | 0.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOKVS | 6 | 0.04 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOMVC | 6 | 4.16 | 16.24 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VOPGC | 6 | 1.69 | 5.51 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| VOPHC | 6 | 0.33 | 1.17 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 | 0.00 | 0.05 | 0.00 | 0.00 |
| VOPVC | 6 | 1.57 | 5.12 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| VOQGC | 6 | 2.16 | 7.30 | 5.82 | 57.27 | 0.00 | 0.00 | 29.38 | 468.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| VOQVC | 6 | 2.09 | 7.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| VORGC | 6 | 2.90 | 10.20 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VORVC | 6 | 2.70 | 9.70 | 5.82 | 57.27 | 0.00 | 0.00 | 29.38 | 468.74 | 0.00 | 0.00 | 24.90 | 38.89 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| VOSVS | 6 | 0.03 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOWGS | 6 | 1.09 | 3.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.00 | 0.00 |
| VOBGF | 7 | 1.78 | 7.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| VODHC | 7 | 0.83 | 3.37 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| VOCGC | 7 | 1.85 | 6.35 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.00 | 0.00 |
| VOCHC | 7 | 0.41 | 1.53 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 | 0.00 | 0.05 | 0.00 | 0.00 |
| VOKGF | 7 | 3.34 | 15.54 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| VOKHF | 7 | 0.84 | 3.43 | 0.19 | 2.85 | 67.78 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |

Report for file CNSVO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VOKVF | 7 | 2.63 | 12.18 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 9.19 | 141.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| VOMVC | 7 | 5.43 | 22.35 | 151.19 | 4986.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| VOPGC | 7 | 2.15 | 7.51 | 5.82 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| VOPHC | 7 | 0.46 | 1.72 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 | 0.00 | 0.05 | 0.00 | 0.00 |
| VOPVC | 7 | 2.08 | 7.11 | 5.82 | 57.27 | 0.00 | 0.00 | 29.38 | 468.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| VOQGC | 7 | 2.76 | 10.00 | 5.82 | 57.27 | 0.00 | 0.00 | 29.38 | 468.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| VOQVC | 7 | 2.75 | 9.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| VORGC | 7 | 3.70 | 14.00 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VORVC | 7 | 3.55 | 13.43 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VOSVF | 7 | 1.70 | 7.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| VOWGF | 7 | 1.58 | 6.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.00 | 0.00 |
| VOBGS | 9 | 0.49 | 1.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| VODHS | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOCGS | 9 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOCHS | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOKGS | 9 | 1.22 | 4.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.00 | 0.00 |
| VOKHS | 9 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOKVS | 9 | 0.02 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOMVS | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOPGS | 9 | 0.09 | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOPHS | 9 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOPVS | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOQGS | 9 | 0.13 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOQVS | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VORGS | 9 | 0.11 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VORVS | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOSVS | 9 | 0.02 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOWGS | 9 | 0.61 | 1.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.05 | 0.00 | 0.00 |
| VOBGS | 11 | 0.67 | 2.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| VODHS | 11 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOCGS | 11 | 0.06 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOCHS | 11 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOKGS | 11 | 1.64 | 6.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.00 | 0.00 |
| VOKHS | 11 | 0.13 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOKVS | 11 | 0.03 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOMVS | 11 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOPGS | 11 | 0.12 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSVO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VOPHS 11 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOPVS 11 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOQGS 11 | 0.18 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOQVS 11 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VORGS 11 | 0.16 | 0.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VORVS 11 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOSVS 11 | 0.03 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOWGS 11 | 0.83 | 2.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.00 | 0.00 |
| VODHC 12 | 0.83 | 3.37 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| VOCGC 12 | 1.85 | 6.35 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.00 | 0.00 |
| VOCHC 12 | 0.41 | 1.53 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 | 0.00 | 0.05 | 0.00 | 0.00 |
| VOMVC 12 | 5.43 | 22.35 | 151.19 | 4986.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 94.53 | 5359.40 | 0.00 | 0.00 | 0.79 | 1072.28 | 41.32 | 2524.63 |
| VOPGC 12 | 2.15 | 7.51 | 5.82 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| VOPHC 12 | 0.46 | 1.72 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 | 0.00 | 0.05 | 0.00 | 0.00 |
| VOPVC 12 | 2.08 | 7.11 | 5.82 | 57.27 | 0.00 | 0.00 | 29.38 | 468.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| VOQGC 12 | 2.76 | 10.00 | 5.82 | 57.27 | 0.00 | 0.00 | 29.38 | 468.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| VOQVC 12 | 2.75 | 9.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| VORGC 12 | 3.70 | 14.00 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VORVC 12 | 3.55 | 13.43 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VOBGC 13 | 1.78 | 7.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| VOKGC 13 | 3.34 | 15.54 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| VOKHF 13 | 0.84 | 3.43 | 0.19 | 2.85 | 67.78 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| VOKVC 13 | 2.63 | 12.18 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 9.19 | 141.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| VOSVC 13 | 1.70 | 7.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| VOWGC 13 | 1.58 | 6.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.00 | 0.00 |
| VOBGC 14 | 0.08 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VODHC 14 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOCGC 14 | 0.08 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOCHC 14 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOKGS 14 | 0.96 | 3.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.00 | 0.00 |
| VOKHS 14 | 0.06 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOKVS 14 | 0.02 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOMVC 14 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOPGC 14 | 0.08 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOPHC 14 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOPVC 14 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOQGC 14 | 0.08 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSVO

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VOQVC 14 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VORGC 14 | 0.08 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VORVC 14 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOSVS 14 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOWGC 14 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VODHC 15 | 0.10 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOCGC 15 | 0.39 | 1.13 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 |
| VOCHC 15 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOMVC 15 | 1.64 | 5.39 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| VOPGC 15 | 0.79 | 2.37 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| VOPHC 15 | 0.14 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VOPVC 15 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| VOQGC 15 | 1.17 | 3.66 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| VOQVC 15 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| VORGC 15 | 2.02 | 6.33 | 5.82 | 57.27 | 0.00 | 0.00 | 29.38 | 468.74 | 0.00 | 0.00 | 24.90 | 38.89 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| VORVC 15 | 1.32 | 4.18 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 5.23 | 20.08 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |

Report for file CNSVO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VOBGS | 1 | 0.490 | 0.000 | 0.620 | 0.360 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VODHS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCGS | 1 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCHS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKGS | 1 | 1.220 | 0.100 | 0.850 | 0.700 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKHS | 1 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKVS | 1 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOMVS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPGS | 1 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPHS | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPVS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQGS | 1 | 0.130 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQVS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORGS | 1 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORVS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOSVS | 1 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOWGS | 1 | 0.610 | 0.010 | 0.690 | 0.440 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOBGS | 3 | 0.490 | 0.000 | 0.620 | 0.360 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VODHS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCGS | 3 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCHS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKGS | 3 | 1.220 | 0.100 | 0.850 | 0.700 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKHS | 3 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKVS | 3 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOMVS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPGS | 3 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPHS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPVS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQGS | 3 | 0.130 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQVS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORGS | 3 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORVS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOSVS | 3 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOWGS | 3 | 0.610 | 0.010 | 0.690 | 0.440 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VODHC | 4 | 0.830 | 0.040 | 0.750 | 0.510 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCGC | 4 | 1.850 | 0.250 | 0.910 | 0.820 | 0.550 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCHC | 4 | 0.410 | 0.000 | 0.500 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOMVC | 4 | 7.520 | 3.900 | 0.980 | 0.960 | 0.890 | 0.790 | 0.580 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSVO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VOPGC | 4 | 4.450 | 1.420 | 0.960 | 0.930 | 0.820 | 0.640 | 0.350 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPHC | 4 | 0.660 | 0.020 | 0.690 | 0.450 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPVC | 4 | 2.500 | 0.460 | 0.930 | 0.860 | 0.660 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQGC | 4 | 2.630 | 0.510 | 0.940 | 0.870 | 0.690 | 0.420 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQVC | 4 | 2.850 | 0.600 | 0.940 | 0.880 | 0.700 | 0.440 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORGC | 4 | 3.300 | 0.800 | 0.950 | 0.900 | 0.750 | 0.500 | 0.180 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORVC | 4 | 3.700 | 0.990 | 0.960 | 0.910 | 0.780 | 0.550 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOBGF | 5 | 1.780 | 0.230 | 0.900 | 0.800 | 0.500 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKGF | 5 | 3.340 | 0.810 | 0.950 | 0.900 | 0.740 | 0.490 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKHF | 5 | 0.840 | 0.040 | 0.760 | 0.510 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKVF | 5 | 2.630 | 0.510 | 0.930 | 0.860 | 0.660 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOSVF | 5 | 1.700 | 0.210 | 0.890 | 0.790 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOWGF | 5 | 1.580 | 0.180 | 0.890 | 0.770 | 0.460 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOBGS | 6 | 1.220 | 0.100 | 0.850 | 0.700 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VODHC | 6 | 0.590 | 0.010 | 0.650 | 0.420 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCGC | 6 | 1.450 | 0.150 | 0.880 | 0.770 | 0.450 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCHC | 6 | 0.290 | 0.000 | 0.410 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKGS | 6 | 2.150 | 0.340 | 0.920 | 0.840 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKHS | 6 | 0.130 | 0.000 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKVS | 6 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOMVC | 6 | 4.160 | 1.250 | 0.960 | 0.920 | 0.800 | 0.600 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPGC | 6 | 1.690 | 0.210 | 0.900 | 0.800 | 0.500 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPHC | 6 | 0.330 | 0.000 | 0.440 | 0.180 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPVC | 6 | 1.570 | 0.180 | 0.890 | 0.780 | 0.460 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQGC | 6 | 2.160 | 0.340 | 0.920 | 0.850 | 0.610 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQVC | 6 | 2.090 | 0.320 | 0.920 | 0.830 | 0.590 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORGC | 6 | 2.900 | 0.620 | 0.940 | 0.890 | 0.720 | 0.460 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORVC | 6 | 2.700 | 0.540 | 0.940 | 0.870 | 0.690 | 0.420 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOSVS | 6 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOWGS | 6 | 1.090 | 0.080 | 0.830 | 0.670 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOBGF | 7 | 1.780 | 0.230 | 0.900 | 0.800 | 0.500 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VODHC | 7 | 0.830 | 0.040 | 0.750 | 0.510 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCGC | 7 | 1.850 | 0.250 | 0.910 | 0.820 | 0.550 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCHC | 7 | 0.410 | 0.000 | 0.500 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKGF | 7 | 3.340 | 0.810 | 0.950 | 0.900 | 0.740 | 0.490 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKHF | 7 | 0.840 | 0.040 | 0.760 | 0.510 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKVF | 7 | 2.630 | 0.510 | 0.930 | 0.860 | 0.660 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOMVC | 7 | 5.430 | 2.090 | 0.970 | 0.940 | 0.850 | 0.700 | 0.440 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSVO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VOPGC | 7 | 2.150 | 0.340 | 0.920 | 0.840 | 0.610 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPHC | 7 | 0.460 | 0.000 | 0.540 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPVC | 7 | 2.080 | 0.320 | 0.920 | 0.830 | 0.580 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQGC | 7 | 2.760 | 0.560 | 0.940 | 0.880 | 0.700 | 0.440 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQVC | 7 | 2.750 | 0.560 | 0.940 | 0.880 | 0.690 | 0.430 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORGC | 7 | 3.700 | 1.000 | 0.960 | 0.910 | 0.780 | 0.560 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORVC | 7 | 3.550 | 0.920 | 0.950 | 0.910 | 0.770 | 0.530 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOSVF | 7 | 1.700 | 0.210 | 0.890 | 0.790 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOWGF | 7 | 1.580 | 0.180 | 0.890 | 0.770 | 0.460 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOBGS | 9 | 0.490 | 0.000 | 0.620 | 0.360 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VODHS | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCGS | 9 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCHS | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKGS | 9 | 1.220 | 0.100 | 0.850 | 0.700 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKHS | 9 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKVS | 9 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOMVS | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPGS | 9 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPHS | 9 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPVS | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQGS | 9 | 0.130 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQVS | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORGS | 9 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORVS | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOSVS | 9 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOWGS | 9 | 0.610 | 0.010 | 0.690 | 0.440 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOBGS | 11 | 0.670 | 0.020 | 0.720 | 0.470 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VODHS | 11 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCGS | 11 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCHS | 11 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKGS | 11 | 1.640 | 0.190 | 0.890 | 0.780 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKHS | 11 | 0.130 | 0.000 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKVS | 11 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOMVS | 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPGS | 11 | 0.120 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPHS | 11 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPVS | 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQGS | 11 | 0.180 | 0.000 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSVO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VOQVS 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORGS 11 | 0.160 | 0.000 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORVS 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOSVS 11 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOWGS 11 | 0.830 | 0.040 | 0.780 | 0.560 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VODHC 12 | 0.830 | 0.040 | 0.750 | 0.510 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCGC 12 | 1.850 | 0.250 | 0.910 | 0.820 | 0.550 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCHC 12 | 0.410 | 0.000 | 0.500 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOMVC 12 | 5.430 | 2.090 | 0.970 | 0.940 | 0.850 | 0.700 | 0.440 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPGC 12 | 2.150 | 0.340 | 0.920 | 0.840 | 0.610 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPHC 12 | 0.460 | 0.000 | 0.540 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPVC 12 | 2.080 | 0.320 | 0.920 | 0.830 | 0.580 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQGC 12 | 2.760 | 0.560 | 0.940 | 0.880 | 0.700 | 0.440 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQVC 12 | 2.750 | 0.560 | 0.940 | 0.880 | 0.690 | 0.430 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORGC 12 | 3.700 | 1.000 | 0.960 | 0.910 | 0.780 | 0.560 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORVC 12 | 3.550 | 0.920 | 0.950 | 0.910 | 0.770 | 0.530 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOBGC 13 | 1.780 | 0.230 | 0.900 | 0.800 | 0.500 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKGC 13 | 3.340 | 0.810 | 0.950 | 0.900 | 0.740 | 0.490 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKHF 13 | 0.840 | 0.040 | 0.760 | 0.510 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKVC 13 | 2.630 | 0.510 | 0.930 | 0.860 | 0.660 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOSVC 13 | 1.700 | 0.210 | 0.890 | 0.790 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOWGC 13 | 1.580 | 0.180 | 0.890 | 0.770 | 0.460 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOBGC 14 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VODHC 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCGC 14 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCHC 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKGS 14 | 0.960 | 0.060 | 0.810 | 0.620 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKHS 14 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKVS 14 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOMVC 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPGC 14 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPHC 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPVC 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQGC 14 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQVC 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORGC 14 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORVC 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOSVS 14 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSVO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VOMGC 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VODHC 15 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCGC 15 | 0.390 | 0.000 | 0.540 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCHC 15 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOMVC 15 | 1.640 | 0.190 | 0.890 | 0.790 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPGC 15 | 0.790 | 0.030 | 0.780 | 0.560 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPHC 15 | 0.140 | 0.000 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPVC 15 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQGC 15 | 1.170 | 0.090 | 0.850 | 0.710 | 0.370 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQVC 15 | 1.120 | 0.080 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORGC 15 | 2.020 | 0.300 | 0.920 | 0.830 | 0.590 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORVC 15 | 1.320 | 0.120 | 0.860 | 0.730 | 0.400 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSVO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VOBGS | 1 | 1.460 | 0.090 | 0.857 | 0.714 | 0.399 | 0.064 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VODHS | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCGS | 1 | 0.110 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCHS | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKGS | 1 | 4.200 | 0.680 | 0.950 | 0.899 | 0.748 | 0.498 | 0.264 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKHS | 1 | 0.210 | 0.000 | 0.274 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKVS | 1 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOMVS | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPGS | 1 | 0.220 | 0.000 | 0.277 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPHS | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPVS | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQGS | 1 | 0.340 | 0.000 | 0.442 | 0.154 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQVS | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORGS | 1 | 0.290 | 0.000 | 0.395 | 0.045 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORVS | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOSVS | 1 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOWGS | 1 | 1.880 | 0.150 | 0.889 | 0.778 | 0.474 | 0.213 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOBGS | 3 | 1.460 | 0.090 | 0.857 | 0.714 | 0.399 | 0.064 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VODHS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCGS | 3 | 0.110 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCHS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKGS | 3 | 4.200 | 0.680 | 0.950 | 0.899 | 0.748 | 0.498 | 0.264 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKHS | 3 | 0.210 | 0.000 | 0.274 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKVS | 3 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOMVS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPGS | 3 | 0.220 | 0.000 | 0.277 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPHS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPVS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQGS | 3 | 0.340 | 0.000 | 0.442 | 0.154 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQVS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORGS | 3 | 0.290 | 0.000 | 0.395 | 0.045 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORVS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOSVS | 3 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOWGS | 3 | 1.880 | 0.150 | 0.889 | 0.778 | 0.474 | 0.213 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VODHC | 4 | 3.370 | 0.460 | 0.925 | 0.851 | 0.627 | 0.414 | 0.155 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCGC | 4 | 6.350 | 1.460 | 0.972 | 0.943 | 0.858 | 0.716 | 0.462 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCHC | 4 | 1.530 | 0.100 | 0.833 | 0.667 | 0.389 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOMVC | 4 | 32.870 | 28.410 | 0.994 | 0.988 | 0.969 | 0.938 | 0.877 | 0.692 | 0.443 | 0.137 | 0.000 | 0.000 |

Report for file CNSVO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VOPGC | 4 | 17.310 | 8.950 | 0.989 | 0.978 | 0.945 | 0.890 | 0.780 | 0.473 | 0.180 | 0.000 | 0.000 | 0.000 |
| VOPHC | 4 | 2.600 | 0.280 | 0.902 | 0.804 | 0.510 | 0.337 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPVC | 4 | 8.850 | 2.670 | 0.979 | 0.958 | 0.894 | 0.789 | 0.578 | 0.198 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQGC | 4 | 9.470 | 3.010 | 0.981 | 0.961 | 0.903 | 0.805 | 0.611 | 0.239 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQVC | 4 | 10.360 | 3.540 | 0.982 | 0.964 | 0.909 | 0.818 | 0.635 | 0.278 | 0.001 | 0.000 | 0.000 | 0.000 |
| VORGC | 4 | 12.260 | 4.800 | 0.985 | 0.970 | 0.924 | 0.848 | 0.695 | 0.357 | 0.007 | 0.000 | 0.000 | 0.000 |
| VORVC | 4 | 14.110 | 6.180 | 0.986 | 0.973 | 0.931 | 0.863 | 0.726 | 0.403 | 0.044 | 0.000 | 0.000 | 0.000 |
| VOBGF | 5 | 7.640 | 2.040 | 0.972 | 0.944 | 0.860 | 0.719 | 0.472 | 0.088 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKGF | 5 | 15.540 | 7.370 | 0.986 | 0.972 | 0.930 | 0.860 | 0.720 | 0.411 | 0.099 | 0.000 | 0.000 | 0.000 |
| VOKHF | 5 | 3.430 | 0.470 | 0.926 | 0.853 | 0.632 | 0.418 | 0.163 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKVF | 5 | 12.180 | 4.740 | 0.982 | 0.965 | 0.911 | 0.823 | 0.645 | 0.322 | 0.006 | 0.000 | 0.000 | 0.000 |
| VOSVF | 5 | 7.300 | 1.880 | 0.971 | 0.942 | 0.854 | 0.708 | 0.460 | 0.051 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOWGF | 5 | 6.660 | 1.590 | 0.968 | 0.935 | 0.839 | 0.677 | 0.434 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOBGS | 6 | 4.190 | 0.680 | 0.950 | 0.899 | 0.748 | 0.498 | 0.263 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VODHC | 6 | 2.300 | 0.220 | 0.889 | 0.778 | 0.481 | 0.294 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCGC | 6 | 4.670 | 0.830 | 0.962 | 0.924 | 0.811 | 0.621 | 0.351 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCHC | 6 | 1.040 | 0.040 | 0.750 | 0.500 | 0.259 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKGS | 6 | 8.160 | 2.300 | 0.974 | 0.947 | 0.868 | 0.735 | 0.487 | 0.128 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKHS | 6 | 0.420 | 0.000 | 0.461 | 0.265 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKVS | 6 | 0.140 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOMVC | 6 | 16.240 | 7.970 | 0.988 | 0.976 | 0.940 | 0.880 | 0.760 | 0.448 | 0.136 | 0.000 | 0.000 | 0.000 |
| VOPGC | 6 | 5.510 | 1.130 | 0.968 | 0.935 | 0.838 | 0.675 | 0.415 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPHC | 6 | 1.170 | 0.060 | 0.783 | 0.565 | 0.305 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPVC | 6 | 5.120 | 0.990 | 0.965 | 0.930 | 0.824 | 0.648 | 0.384 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQGC | 6 | 7.300 | 1.880 | 0.975 | 0.951 | 0.876 | 0.752 | 0.505 | 0.084 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQVC | 6 | 7.160 | 1.810 | 0.974 | 0.949 | 0.871 | 0.742 | 0.491 | 0.064 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORGC | 6 | 10.200 | 3.440 | 0.982 | 0.964 | 0.909 | 0.819 | 0.638 | 0.277 | 0.001 | 0.000 | 0.000 | 0.000 |
| VORVC | 6 | 9.700 | 3.150 | 0.981 | 0.961 | 0.903 | 0.806 | 0.612 | 0.246 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOSVS | 6 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOWGS | 6 | 3.680 | 0.540 | 0.943 | 0.885 | 0.713 | 0.465 | 0.199 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOBGF | 7 | 7.640 | 2.040 | 0.972 | 0.944 | 0.860 | 0.719 | 0.472 | 0.088 | 0.000 | 0.000 | 0.000 | 0.000 |
| VODHC | 7 | 3.370 | 0.460 | 0.925 | 0.851 | 0.627 | 0.414 | 0.155 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCGC | 7 | 6.350 | 1.460 | 0.972 | 0.943 | 0.858 | 0.716 | 0.462 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCHC | 7 | 1.530 | 0.100 | 0.833 | 0.667 | 0.389 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKGF | 7 | 15.540 | 7.370 | 0.986 | 0.972 | 0.930 | 0.860 | 0.720 | 0.411 | 0.099 | 0.000 | 0.000 | 0.000 |
| VOKHF | 7 | 3.430 | 0.470 | 0.926 | 0.853 | 0.632 | 0.418 | 0.163 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKVF | 7 | 12.180 | 4.740 | 0.982 | 0.965 | 0.911 | 0.823 | 0.645 | 0.322 | 0.006 | 0.000 | 0.000 | 0.000 |
| VOMVC | 7 | 22.350 | 14.180 | 0.991 | 0.982 | 0.956 | 0.911 | 0.822 | 0.555 | 0.302 | 0.004 | 0.000 | 0.000 |

Report for file CNSVO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VOPGC | 7 | 7.510 | 1.980 | 0.976 | 0.952 | 0.879 | 0.758 | 0.517 | 0.103 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPHC | 7 | 1.720 | 0.130 | 0.853 | 0.706 | 0.421 | 0.173 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPVC | 7 | 7.110 | 1.790 | 0.974 | 0.948 | 0.871 | 0.741 | 0.490 | 0.059 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQGC | 7 | 10.000 | 3.320 | 0.982 | 0.963 | 0.908 | 0.816 | 0.631 | 0.267 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQVC | 7 | 9.920 | 3.280 | 0.981 | 0.962 | 0.905 | 0.810 | 0.620 | 0.257 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORGC | 7 | 14.000 | 6.100 | 0.987 | 0.973 | 0.933 | 0.866 | 0.731 | 0.407 | 0.044 | 0.000 | 0.000 | 0.000 |
| VORVC | 7 | 13.430 | 5.660 | 0.986 | 0.971 | 0.928 | 0.857 | 0.714 | 0.386 | 0.010 | 0.000 | 0.000 | 0.000 |
| VOSVF | 7 | 7.300 | 1.880 | 0.971 | 0.942 | 0.854 | 0.708 | 0.460 | 0.051 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOWGF | 7 | 6.660 | 1.590 | 0.968 | 0.935 | 0.839 | 0.677 | 0.434 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOBGS | 9 | 1.460 | 0.090 | 0.857 | 0.714 | 0.399 | 0.064 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VODHS | 9 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCGS | 9 | 0.110 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCHS | 9 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKGS | 9 | 4.200 | 0.680 | 0.950 | 0.899 | 0.748 | 0.498 | 0.264 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKHS | 9 | 0.210 | 0.000 | 0.274 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKVS | 9 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOMVS | 9 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPGS | 9 | 0.220 | 0.000 | 0.277 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPHS | 9 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPVS | 9 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQGS | 9 | 0.340 | 0.000 | 0.442 | 0.154 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQVS | 9 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORGS | 9 | 0.290 | 0.000 | 0.395 | 0.045 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORVS | 9 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOSVS | 9 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOWGS | 9 | 1.880 | 0.150 | 0.889 | 0.778 | 0.474 | 0.213 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOBGS | 11 | 2.150 | 0.190 | 0.900 | 0.800 | 0.500 | 0.273 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VODHS | 11 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCGS | 11 | 0.150 | 0.000 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCHS | 11 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKGS | 11 | 6.430 | 1.490 | 0.965 | 0.929 | 0.823 | 0.645 | 0.412 | 0.008 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKHS | 11 | 0.410 | 0.000 | 0.461 | 0.265 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKVS | 11 | 0.110 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOMVS | 11 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPGS | 11 | 0.310 | 0.000 | 0.435 | 0.108 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPHS | 11 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPVS | 11 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQGS | 11 | 0.470 | 0.000 | 0.583 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSVO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VOQVS 11 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORGS 11 | 0.400 | 0.000 | 0.500 | 0.255 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORVS 11 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOSVS 11 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOWGS 11 | 2.800 | 0.320 | 0.922 | 0.844 | 0.609 | 0.375 | 0.027 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VODHC 12 | 3.370 | 0.460 | 0.925 | 0.851 | 0.627 | 0.414 | 0.155 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCGC 12 | 6.350 | 1.460 | 0.972 | 0.943 | 0.858 | 0.716 | 0.462 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCHC 12 | 1.530 | 0.100 | 0.833 | 0.667 | 0.389 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOMVC 12 | 22.350 | 14.180 | 0.991 | 0.982 | 0.956 | 0.911 | 0.822 | 0.555 | 0.302 | 0.004 | 0.000 | 0.000 |
| VOPGC 12 | 7.510 | 1.980 | 0.976 | 0.952 | 0.879 | 0.758 | 0.517 | 0.103 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPHC 12 | 1.720 | 0.130 | 0.853 | 0.706 | 0.421 | 0.173 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPVC 12 | 7.110 | 1.790 | 0.974 | 0.948 | 0.871 | 0.741 | 0.490 | 0.059 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQGC 12 | 10.000 | 3.320 | 0.982 | 0.963 | 0.908 | 0.816 | 0.631 | 0.267 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQVC 12 | 9.920 | 3.280 | 0.981 | 0.962 | 0.905 | 0.810 | 0.620 | 0.257 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORGC 12 | 14.000 | 6.100 | 0.987 | 0.973 | 0.933 | 0.866 | 0.731 | 0.407 | 0.044 | 0.000 | 0.000 | 0.000 |
| VORVC 12 | 13.430 | 5.660 | 0.986 | 0.971 | 0.928 | 0.857 | 0.714 | 0.386 | 0.010 | 0.000 | 0.000 | 0.000 |
| VOBGC 13 | 7.640 | 2.040 | 0.972 | 0.944 | 0.860 | 0.719 | 0.472 | 0.088 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKGC 13 | 15.540 | 7.370 | 0.986 | 0.972 | 0.930 | 0.860 | 0.720 | 0.411 | 0.099 | 0.000 | 0.000 | 0.000 |
| VOKHF 13 | 3.430 | 0.470 | 0.926 | 0.853 | 0.632 | 0.418 | 0.163 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKVC 13 | 12.180 | 4.740 | 0.982 | 0.965 | 0.911 | 0.823 | 0.645 | 0.322 | 0.006 | 0.000 | 0.000 | 0.000 |
| VOSVC 13 | 7.300 | 1.880 | 0.971 | 0.942 | 0.854 | 0.708 | 0.460 | 0.051 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOWGC 13 | 6.660 | 1.590 | 0.968 | 0.935 | 0.839 | 0.677 | 0.434 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOBGC 14 | 0.240 | 0.000 | 0.322 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VODHC 14 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCGC 14 | 0.240 | 0.000 | 0.322 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCHC 14 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKGS 14 | 3.170 | 0.410 | 0.934 | 0.868 | 0.671 | 0.426 | 0.115 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKHS 14 | 0.160 | 0.000 | 0.157 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOKVS 14 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOMVC 14 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPGC 14 | 0.240 | 0.000 | 0.322 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPHC 14 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPVC 14 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQGC 14 | 0.240 | 0.000 | 0.322 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQVC 14 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORGC 14 | 0.240 | 0.000 | 0.322 | 0.006 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORVC 14 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOSVS 14 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSVO

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VOWGC 14 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VODHC 15 | 0.310 | 0.000 | 0.391 | 0.119 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCGC 15 | 1.130 | 0.050 | 0.844 | 0.688 | 0.340 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOCHC 15 | 0.210 | 0.000 | 0.274 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOMVC 15 | 5.390 | 1.080 | 0.966 | 0.933 | 0.832 | 0.664 | 0.403 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPGC 15 | 2.370 | 0.240 | 0.926 | 0.853 | 0.632 | 0.364 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPHC 15 | 0.460 | 0.000 | 0.482 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOPVC 15 | 2.140 | 0.190 | 0.918 | 0.836 | 0.590 | 0.311 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQGC 15 | 3.660 | 0.530 | 0.952 | 0.904 | 0.760 | 0.519 | 0.233 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VOQVC 15 | 3.490 | 0.490 | 0.949 | 0.898 | 0.745 | 0.494 | 0.199 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORGC 15 | 6.330 | 1.450 | 0.972 | 0.943 | 0.858 | 0.716 | 0.461 | 0.009 | 0.000 | 0.000 | 0.000 | 0.000 |
| VORVC 15 | 4.180 | 0.680 | 0.957 | 0.914 | 0.786 | 0.573 | 0.296 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

# ACTIVITY CODE: VR

# ON-SITE TRANSPORT FOR NATIONAL & REGIONAL ALTERNATIVES

Report for file CNSVR

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VRBGS | 1 | 2.342 | 0.000 | 0.000 | 1.177 | 1.038 | 1.177 | 1.038 | 120 | OP | 0.490 | 1.460 | 0.370 | 1.080 | 0.130 | 0.350 |
| VRDHS | 1 | 0.778 | 0.000 | 0.000 | -1.658 | -1.692 | -1.658 | -1.692 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VRCGS | 1 | 0.204 | 0.000 | 0.000 | -0.747 | -0.852 | -0.747 | -0.852 | 120 | OP | 0.040 | 0.110 | 0.030 | 0.080 | 0.010 | 0.020 |
| VRCHS | 1 | 0.505 | 0.000 | 0.000 | -1.903 | -1.928 | -1.903 | -1.928 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKGS | 1 | 3.176 | 0.000 | 0.000 | 1.928 | 1.804 | 1.928 | 1.804 | 120 | OP | 1.220 | 4.200 | 0.920 | 3.090 | 0.340 | 0.990 |
| VRKHS | 1 | 3.230 | 0.000 | 0.000 | 0.549 | 0.523 | 0.549 | 0.523 | 120 | OP | 0.070 | 0.210 | 0.060 | 0.170 | 0.020 | 0.040 |
| VRKVS | 1 | 3.204 | 0.000 | 0.000 | -1.683 | -1.548 | -1.683 | -1.548 | 120 | OP | 0.020 | 0.080 | 0.010 | 0.050 | 0.010 | 0.010 |
| VRMVS | 1 | 1.021 | 0.000 | 0.000 | -3.648 | -3.527 | -3.648 | -3.527 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VRPGS | 1 | 0.813 | 0.000 | 0.000 | -0.199 | -0.331 | -0.199 | -0.331 | 120 | OP | 0.090 | 0.220 | 0.070 | 0.160 | 0.020 | 0.050 |
| VRPHS | 1 | 1.068 | 0.000 | 0.000 | -1.397 | -1.439 | -1.397 | -1.439 | 120 | OP | 0.010 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VRPVS | 1 | 0.778 | 0.000 | 0.000 | -3.867 | -3.739 | -3.867 | -3.739 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VRQGS | 1 | 1.161 | 0.000 | 0.000 | 0.114 | -0.026 | 0.114 | -0.026 | 120 | OP | 0.130 | 0.340 | 0.100 | 0.250 | 0.030 | 0.080 |
| VRQVS | 1 | 1.161 | 0.000 | 0.000 | -3.522 | -3.404 | -3.522 | -3.404 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VRRGS | 1 | 1.029 | 0.000 | 0.000 | -0.005 | -0.142 | -0.005 | -0.142 | 120 | OP | 0.110 | 0.290 | 0.080 | 0.210 | 0.030 | 0.070 |
| VRRVS | 1 | 1.000 | 0.000 | 0.000 | -3.667 | -3.546 | -3.667 | -3.546 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VRSVS | 1 | 3.132 | 0.000 | 0.000 | -1.748 | -1.614 | -1.748 | -1.614 | 120 | OP | 0.020 | 0.070 | 0.010 | 0.050 | 0.000 | 0.010 |
| VRWGS | 1 | 2.542 | 0.000 | 0.000 | 1.357 | 1.221 | 1.357 | 1.221 | 120 | OP | 0.610 | 1.880 | 0.460 | 1.390 | 0.160 | 0.450 |
| VRBGS | 3 | 2.342 | 0.000 | 0.000 | 1.177 | 1.038 | 1.177 | 1.038 | 120 | OP | 0.490 | 1.460 | 0.370 | 1.080 | 0.130 | 0.350 |
| VRDHS | 3 | 0.778 | 0.000 | 0.000 | -1.658 | -1.692 | -1.658 | -1.692 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VRCGS | 3 | 0.204 | 0.000 | 0.000 | -0.747 | -0.852 | -0.747 | -0.852 | 120 | OP | 0.040 | 0.110 | 0.030 | 0.080 | 0.010 | 0.020 |
| VRCHS | 3 | 0.505 | 0.000 | 0.000 | -1.903 | -1.928 | -1.903 | -1.928 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKGS | 3 | 3.176 | 0.000 | 0.000 | 1.928 | 1.804 | 1.928 | 1.804 | 120 | OP | 1.220 | 4.200 | 0.920 | 3.090 | 0.340 | 0.990 |
| VRKHS | 3 | 3.230 | 0.000 | 0.000 | 0.549 | 0.523 | 0.549 | 0.523 | 120 | OP | 0.070 | 0.210 | 0.060 | 0.170 | 0.020 | 0.040 |
| VRKVS | 3 | 3.204 | 0.000 | 0.000 | -1.683 | -1.548 | -1.683 | -1.548 | 120 | OP | 0.020 | 0.080 | 0.010 | 0.050 | 0.010 | 0.010 |
| VRMVS | 3 | 1.021 | 0.000 | 0.000 | -3.648 | -3.527 | -3.648 | -3.527 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VRPGS | 3 | 0.813 | 0.000 | 0.000 | -0.199 | -0.331 | -0.199 | -0.331 | 120 | OP | 0.090 | 0.220 | 0.070 | 0.160 | 0.020 | 0.050 |
| VRPHS | 3 | 1.068 | 0.000 | 0.000 | -1.397 | -1.439 | -1.397 | -1.439 | 120 | OP | 0.010 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VRPVS | 3 | 0.778 | 0.000 | 0.000 | -3.867 | -3.739 | -3.867 | -3.739 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VRQGS | 3 | 1.161 | 0.000 | 0.000 | 0.114 | -0.026 | 0.114 | -0.026 | 120 | OP | 0.130 | 0.340 | 0.100 | 0.250 | 0.030 | 0.080 |
| VRQVS | 3 | 1.161 | 0.000 | 0.000 | -3.522 | -3.404 | -3.522 | -3.404 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VRRGS | 3 | 1.029 | 0.000 | 0.000 | -0.005 | -0.142 | -0.005 | -0.142 | 120 | OP | 0.110 | 0.290 | 0.080 | 0.210 | 0.030 | 0.070 |
| VRRVS | 3 | 1.000 | 0.000 | 0.000 | -3.667 | -3.546 | -3.667 | -3.546 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VRSVS | 3 | 3.132 | 0.000 | 0.000 | -1.748 | -1.614 | -1.748 | -1.614 | 120 | OP | 0.020 | 0.070 | 0.010 | 0.050 | 0.000 | 0.010 |
| VRWGS | 3 | 2.544 | 0.000 | 0.000 | 1.359 | 1.223 | 1.359 | 1.223 | 120 | OP | 0.610 | 1.890 | 0.460 | 1.390 | 0.160 | 0.460 |
| VRDHC | 4 | 0.000 | 2.459 | 1.635 | 0.000 | 0.000 | 2.520 | 2.520 | 20 | OP | 0.830 | 3.370 | 0.670 | 2.560 | 0.200 | 0.670 |
| VRCGC | 4 | 0.000 | 2.061 | 1.539 | 0.000 | 0.000 | 2.175 | 2.175 | 20 | OP | 3.160 | 11.660 | 2.440 | 8.750 | 0.960 | 3.130 |
| VRCHC | 4 | 0.000 | 2.362 | 1.539 | 0.000 | 0.000 | 2.423 | 2.423 | 20 | OP | 0.740 | 2.950 | 0.600 | 2.250 | 0.180 | 0.580 |
| VRMVC | 4 | 0.000 | 2.453 | 1.328 | 0.000 | 0.000 | 2.484 | 2.484 | 20 | OP | 4.770 | 19.110 | 3.640 | 14.120 | 1.460 | 4.850 |
| VRPGC | 4 | 0.000 | 2.290 | 1.767 | 0.000 | 0.000 | 2.404 | 2.404 | 20 | OP | 4.060 | 15.580 | 3.120 | 11.640 | 1.250 | 4.110 |

Report for file CNSVR

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VRPHC | 4 | 0.000 | 2.545 | 1.721 | 0.000 | 0.000 | 2.606 | 2.606 | 20 | OP | 0.920 | 3.800 | 0.750 | 2.880 | 0.230 | 0.750 |
| VRPVC | 4 | 0.000 | 2.255 | 1.130 | 0.000 | 0.000 | 2.286 | 2.286 | 20 | OP | 3.860 | 14.860 | 2.950 | 11.020 | 1.170 | 3.830 |
| VRQGC | 4 | 0.000 | 2.337 | 1.815 | 0.000 | 0.000 | 2.451 | 2.451 | 20 | OP | 4.280 | 16.530 | 3.290 | 12.340 | 1.320 | 4.350 |
| VRQVC | 4 | 0.000 | 2.337 | 1.213 | 0.000 | 0.000 | 2.368 | 2.368 | 20 | OP | 4.210 | 16.500 | 3.220 | 12.220 | 1.280 | 4.230 |
| VRRGC | 4 | 0.000 | 2.205 | 1.683 | 0.000 | 0.000 | 2.319 | 2.319 | 20 | OP | 3.700 | 14.000 | 2.850 | 10.470 | 1.130 | 3.720 |
| VRRVC | 4 | 0.000 | 2.176 | 1.051 | 0.000 | 0.000 | 2.207 | 2.207 | 20 | OP | 3.550 | 13.430 | 2.710 | 9.980 | 1.060 | 3.490 |
| VRBGF | 5 | 0.000 | 0.000 | 2.246 | 0.000 | 0.000 | 2.246 | 2.246 | 60 | OP | 1.780 | 7.640 | 1.350 | 5.610 | 0.500 | 1.780 |
| VRKGF | 5 | 0.000 | 0.000 | 2.778 | 0.000 | 0.000 | 2.778 | 2.778 | 60 | OP | 3.340 | 15.540 | 2.510 | 11.420 | 0.960 | 3.570 |
| VRKHF | 5 | 0.000 | 0.000 | 2.531 | 0.000 | 0.000 | 2.531 | 2.531 | 60 | OP | 0.840 | 3.430 | 0.680 | 2.600 | 0.210 | 0.680 |
| VRKVF | 5 | 0.000 | 0.000 | 2.204 | 0.000 | 0.000 | 2.204 | 2.204 | 60 | OP | 2.630 | 12.180 | 1.960 | 8.820 | 0.730 | 2.820 |
| VRSVF | 5 | 0.000 | 0.000 | 1.831 | 0.000 | 0.000 | 1.831 | 1.831 | 60 | OP | 1.700 | 7.300 | 1.270 | 5.300 | 0.470 | 1.710 |
| VRWGF | 5 | 0.000 | 0.000 | 2.144 | 0.000 | 0.000 | 2.144 | 2.144 | 60 | OP | 1.580 | 6.660 | 1.190 | 4.890 | 0.440 | 1.550 |
| VRBGS | 6 | 3.351 | 0.000 | 0.000 | 2.085 | 1.966 | 2.085 | 1.966 | 120 | OP | 1.470 | 5.230 | 1.110 | 3.840 | 0.410 | 1.230 |
| VRDHC | 6 | 2.907 | 2.238 | 0.000 | 0.258 | 0.226 | 2.243 | 2.242 | 120 | OP | 0.590 | 2.300 | 0.480 | 1.760 | 0.140 | 0.450 |
| VRCGC | 6 | 2.509 | 1.840 | 0.000 | 1.327 | 1.191 | 1.956 | 1.928 | 120 | OP | 2.470 | 8.510 | 1.920 | 6.430 | 0.750 | 2.330 |
| VRCHC | 6 | 2.810 | 2.141 | 0.000 | 0.171 | 0.136 | 2.146 | 2.145 | 120 | OP | 0.530 | 2.020 | 0.430 | 1.550 | 0.130 | 0.390 |
| VRKGS | 6 | 3.407 | 0.000 | 0.000 | 2.135 | 2.017 | 2.135 | 2.017 | 120 | OP | 1.560 | 5.610 | 1.180 | 4.120 | 0.440 | 1.310 |
| VRKHS | 6 | 3.461 | 0.000 | 0.000 | 0.757 | 0.736 | 0.757 | 0.736 | 120 | OP | 0.090 | 0.290 | 0.080 | 0.230 | 0.020 | 0.050 |
| VRKVS | 6 | 3.435 | 0.000 | 0.000 | -1.475 | -1.335 | -1.475 | -1.335 | 120 | OP | 0.030 | 0.100 | 0.020 | 0.070 | 0.010 | 0.020 |
| VRMVC | 6 | 2.900 | 2.231 | 0.000 | -1.957 | -1.828 | 2.231 | 2.231 | 120 | OP | 3.640 | 13.840 | 2.780 | 10.280 | 1.090 | 3.590 |
| VRPGC | 6 | 2.737 | 2.068 | 0.000 | 1.532 | 1.400 | 2.179 | 2.153 | 120 | OP | 3.170 | 11.330 | 2.450 | 8.510 | 0.970 | 3.050 |
| VRPHC | 6 | 2.992 | 2.323 | 0.000 | 0.335 | 0.304 | 2.327 | 2.327 | 120 | OP | 0.660 | 2.590 | 0.530 | 1.980 | 0.160 | 0.510 |
| VRPVC | 6 | 2.702 | 2.033 | 0.000 | -2.135 | -2.010 | 2.033 | 2.033 | 120 | OP | 2.940 | 10.740 | 2.250 | 8.010 | 0.870 | 2.830 |
| VRQGC | 6 | 2.785 | 2.116 | 0.000 | 1.576 | 1.444 | 2.226 | 2.200 | 120 | OP | 3.340 | 12.030 | 2.580 | 9.030 | 1.020 | 3.220 |
| VRQVC | 6 | 2.785 | 2.116 | 0.000 | -2.060 | -1.934 | 2.116 | 2.116 | 120 | OP | 3.220 | 11.950 | 2.460 | 8.900 | 0.960 | 3.130 |
| VRRGC | 6 | 2.653 | 1.984 | 0.000 | 1.457 | 1.323 | 2.097 | 2.070 | 120 | OP | 2.900 | 10.200 | 2.240 | 7.670 | 0.880 | 2.760 |
| VRRVC | 6 | 2.623 | 1.954 | 0.000 | -2.206 | -2.083 | 1.954 | 1.954 | 120 | OP | 2.700 | 9.700 | 2.060 | 7.250 | 0.800 | 2.580 |
| VRSVS | 6 | 3.062 | 0.000 | 0.000 | -1.811 | -1.679 | -1.811 | -1.679 | 120 | OP | 0.020 | 0.070 | 0.010 | 0.050 | 0.000 | 0.010 |
| VRWGS | 6 | 3.079 | 0.000 | 0.000 | 1.840 | 1.715 | 1.840 | 1.715 | 120 | OP | 1.100 | 3.710 | 0.830 | 2.730 | 0.300 | 0.880 |
| VRBGF | 7 | 0.000 | 0.000 | 2.422 | 0.000 | 0.000 | 2.422 | 2.422 | 60 | OP | 2.190 | 9.680 | 1.660 | 7.110 | 0.620 | 2.240 |
| VRDHC | 7 | 0.000 | 2.459 | 1.635 | 0.000 | 0.000 | 2.520 | 2.520 | 20 | OP | 0.830 | 3.370 | 0.670 | 2.560 | 0.200 | 0.670 |
| VRCGC | 7 | 0.000 | 2.061 | 1.539 | 0.000 | 0.000 | 2.175 | 2.175 | 20 | OP | 3.160 | 11.660 | 2.440 | 8.750 | 0.960 | 3.130 |
| VRCHC | 7 | 0.000 | 2.362 | 1.539 | 0.000 | 0.000 | 2.423 | 2.423 | 20 | OP | 0.740 | 2.950 | 0.600 | 2.250 | 0.180 | 0.580 |
| VRKGF | 7 | 0.000 | 0.000 | 2.477 | 0.000 | 0.000 | 2.477 | 2.477 | 60 | OP | 2.340 | 10.420 | 1.770 | 7.650 | 0.660 | 2.410 |
| VRKHF | 7 | 0.000 | 0.000 | 2.230 | 0.000 | 0.000 | 2.230 | 2.230 | 60 | OP | 0.590 | 2.260 | 0.470 | 1.730 | 0.140 | 0.440 |
| VRKVF | 7 | 0.000 | 0.000 | 1.903 | 0.000 | 0.000 | 1.903 | 1.903 | 60 | OP | 1.850 | 8.060 | 1.380 | 5.850 | 0.510 | 1.890 |
| VRMVC | 7 | 0.000 | 2.453 | 1.328 | 0.000 | 0.000 | 2.484 | 2.484 | 20 | OP | 4.770 | 19.110 | 3.640 | 14.120 | 1.460 | 4.850 |
| VRPGC | 7 | 0.000 | 2.290 | 1.767 | 0.000 | 0.000 | 2.404 | 2.404 | 20 | OP | 4.060 | 15.580 | 3.120 | 11.640 | 1.250 | 4.110 |
| VRPHC | 7 | 0.000 | 2.545 | 1.721 | 0.000 | 0.000 | 2.606 | 2.606 | 20 | OP | 0.920 | 3.800 | 0.750 | 2.880 | 0.230 | 0.750 |

Report for file CNSVR

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VRPVC | 7 | 0.000 | 2.255 | 1.130 | 0.000 | 0.000 | 2.286 | 2.286 | 20 | OP | 3.860 | 14.860 | 2.950 | 11.020 | 1.170 | 3.830 |
| VRQGC | 7 | 0.000 | 2.337 | 1.815 | 0.000 | 0.000 | 2.451 | 2.451 | 20 | OP | 4.280 | 16.530 | 3.290 | 12.340 | 1.320 | 4.350 |
| VRQVC | 7 | 0.000 | 2.337 | 1.213 | 0.000 | 0.000 | 2.368 | 2.368 | 20 | OP | 4.210 | 16.500 | 3.220 | 12.220 | 1.280 | 4.230 |
| VRRGC | 7 | 0.000 | 2.205 | 1.683 | 0.000 | 0.000 | 2.319 | 2.319 | 20 | OP | 3.700 | 14.000 | 2.850 | 10.470 | 1.130 | 3.720 |
| VRRVC | 7 | 0.000 | 2.176 | 1.051 | 0.000 | 0.000 | 2.207 | 2.207 | 20 | OP | 3.550 | 13.430 | 2.710 | 9.980 | 1.060 | 3.490 |
| VRSVF | 7 | 0.000 | 0.000 | 1.530 | 0.000 | 0.000 | 1.530 | 1.530 | 60 | OP | 1.190 | 4.810 | 0.890 | 3.500 | 0.320 | 1.140 |
| VRWGF | 7 | 0.000 | 0.000 | 2.146 | 0.000 | 0.000 | 2.146 | 2.146 | 60 | OP | 1.580 | 6.680 | 1.190 | 4.910 | 0.440 | 1.560 |
| VRBGS | 9 | 2.342 | 0.000 | 0.000 | 1.177 | 1.038 | 1.177 | 1.038 | 120 | OP | 0.490 | 1.460 | 0.370 | 1.080 | 0.130 | 0.350 |
| VRDHS | 9 | 0.778 | 0.000 | 0.000 | -1.658 | -1.692 | -1.658 | -1.692 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VRCGS | 9 | 0.204 | 0.000 | 0.000 | -0.747 | -0.852 | -0.747 | -0.852 | 120 | OP | 0.040 | 0.110 | 0.030 | 0.080 | 0.010 | 0.020 |
| VRCHS | 9 | 0.505 | 0.000 | 0.000 | -1.903 | -1.928 | -1.903 | -1.928 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKGS | 9 | 3.176 | 0.000 | 0.000 | 1.928 | 1.804 | 1.928 | 1.804 | 120 | OP | 1.220 | 4.200 | 0.920 | 3.090 | 0.340 | 0.990 |
| VRKHS | 9 | 3.230 | 0.000 | 0.000 | 0.549 | 0.523 | 0.549 | 0.523 | 120 | OP | 0.070 | 0.210 | 0.060 | 0.170 | 0.020 | 0.040 |
| VRKVS | 9 | 3.204 | 0.000 | 0.000 | -1.683 | -1.548 | -1.683 | -1.548 | 120 | OP | 0.020 | 0.080 | 0.010 | 0.050 | 0.010 | 0.010 |
| VRMVS | 9 | 1.021 | 0.000 | 0.000 | -3.648 | -3.527 | -3.648 | -3.527 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VRPGS | 9 | 0.813 | 0.000 | 0.000 | -0.199 | -0.331 | -0.199 | -0.331 | 120 | OP | 0.090 | 0.220 | 0.070 | 0.160 | 0.020 | 0.050 |
| VRPHS | 9 | 1.068 | 0.000 | 0.000 | -1.397 | -1.439 | -1.397 | -1.439 | 120 | OP | 0.010 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VRPVS | 9 | 0.778 | 0.000 | 0.000 | -3.867 | -3.739 | -3.867 | -3.739 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VRQGS | 9 | 1.161 | 0.000 | 0.000 | 0.114 | -0.026 | 0.114 | -0.026 | 120 | OP | 0.130 | 0.340 | 0.100 | 0.250 | 0.030 | 0.080 |
| VRQVS | 9 | 1.161 | 0.000 | 0.000 | -3.522 | -3.404 | -3.522 | -3.404 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VRRGS | 9 | 1.029 | 0.000 | 0.000 | -0.005 | -0.142 | -0.005 | -0.142 | 120 | OP | 0.110 | 0.290 | 0.080 | 0.210 | 0.030 | 0.070 |
| VRRVS | 9 | 1.000 | 0.000 | 0.000 | -3.667 | -3.546 | -3.667 | -3.546 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VRSVS | 9 | 3.132 | 0.000 | 0.000 | -1.748 | -1.614 | -1.748 | -1.614 | 120 | OP | 0.020 | 0.070 | 0.010 | 0.050 | 0.000 | 0.010 |
| VRWGS | 9 | 2.542 | 0.000 | 0.000 | 1.357 | 1.221 | 1.357 | 1.221 | 120 | OP | 0.610 | 1.880 | 0.460 | 1.390 | 0.160 | 0.450 |
| VRBGS | 11 | 2.342 | 0.000 | 0.000 | 1.654 | 1.515 | 1.654 | 1.515 | 360 | OP | 0.670 | 2.150 | 0.510 | 1.580 | 0.180 | 0.500 |
| VRDHS | 11 | 0.778 | 0.000 | 0.000 | -1.180 | -1.215 | -1.180 | -1.215 | 360 | OP | 0.010 | 0.020 | 0.010 | 0.010 | 0.000 | 0.000 |
| VRCGS | 11 | 0.204 | 0.000 | 0.000 | -0.270 | -0.375 | -0.270 | -0.375 | 360 | OP | 0.060 | 0.150 | 0.050 | 0.110 | 0.020 | 0.040 |
| VRCHS | 11 | 0.505 | 0.000 | 0.000 | -1.426 | -1.451 | -1.426 | -1.451 | 360 | OP | 0.010 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VRKGS | 11 | 3.176 | 0.000 | 0.000 | 2.405 | 2.281 | 2.405 | 2.281 | 360 | OP | 1.640 | 6.430 | 1.250 | 4.690 | 0.460 | 1.410 |
| VRKHS | 11 | 3.230 | 0.000 | 0.000 | 1.026 | 1.000 | 1.026 | 1.000 | 360 | OP | 0.130 | 0.410 | 0.110 | 0.330 | 0.030 | 0.080 |
| VRKVS | 11 | 3.204 | 0.000 | 0.000 | -1.206 | -1.071 | -1.206 | -1.071 | 360 | OP | 0.030 | 0.110 | 0.020 | 0.080 | 0.010 | 0.020 |
| VRMVS | 11 | 1.021 | 0.000 | 0.000 | -3.171 | -3.050 | -3.171 | -3.050 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| VRPGS | 11 | 0.813 | 0.000 | 0.000 | 0.278 | 0.146 | 0.278 | 0.146 | 360 | OP | 0.120 | 0.310 | 0.090 | 0.230 | 0.030 | 0.080 |
| VRPHS | 11 | 1.068 | 0.000 | 0.000 | -0.919 | -0.962 | -0.919 | -0.962 | 360 | OP | 0.010 | 0.030 | 0.010 | 0.020 | 0.000 | 0.010 |
| VRPVS | 11 | 0.778 | 0.000 | 0.000 | -3.389 | -3.262 | -3.389 | -3.262 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| VRQGS | 11 | 1.161 | 0.000 | 0.000 | 0.591 | 0.451 | 0.591 | 0.451 | 360 | OP | 0.180 | 0.470 | 0.140 | 0.350 | 0.050 | 0.120 |
| VRQVS | 11 | 1.161 | 0.000 | 0.000 | -3.045 | -2.927 | -3.045 | -2.927 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |
| VRRGS | 11 | 1.029 | 0.000 | 0.000 | 0.472 | 0.335 | 0.472 | 0.335 | 360 | OP | 0.160 | 0.400 | 0.120 | 0.300 | 0.040 | 0.100 |
| VRRVS | 11 | 1.000 | 0.000 | 0.000 | -3.190 | -3.069 | -3.190 | -3.069 | 360 | OP | 0.000 | 0.020 | 0.000 | 0.010 | 0.000 | 0.000 |

Report for file CNSVR

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VRSVS | 11 | 3.132 | 0.000 | 0.000 | -1.271 | -1.137 | -1.271 | -1.137 | 360 | OP | 0.030 | 0.100 | 0.020 | 0.070 | 0.010 | 0.020 |
| VRWGS | 11 | 2.544 | 0.000 | 0.000 | 1.836 | 1.700 | 1.836 | 1.700 | 360 | OP | 0.830 | 2.800 | 0.630 | 2.050 | 0.230 | 0.650 |
| VRDHC | 12 | 0.000 | 2.459 | 1.635 | 0.000 | 0.000 | 2.520 | 2.520 | 20 | OP | 0.830 | 3.370 | 0.670 | 2.560 | 0.200 | 0.670 |
| VRCGC | 12 | 0.000 | 2.061 | 1.539 | 0.000 | 0.000 | 2.175 | 2.175 | 20 | OP | 3.160 | 11.660 | 2.440 | 8.750 | 0.960 | 3.130 |
| VRCHC | 12 | 0.000 | 2.362 | 1.539 | 0.000 | 0.000 | 2.423 | 2.423 | 20 | OP | 0.740 | 2.950 | 0.600 | 2.250 | 0.180 | 0.580 |
| VRHVC | 12 | 0.000 | 2.453 | 1.328 | 0.000 | 0.000 | 2.484 | 2.484 | 20 | OP | 4.770 | 19.110 | 3.640 | 14.120 | 1.460 | 4.850 |
| VRPGC | 12 | 0.000 | 2.290 | 1.767 | 0.000 | 0.000 | 2.404 | 2.404 | 20 | OP | 4.060 | 15.580 | 3.120 | 11.640 | 1.250 | 4.110 |
| VRPHC | 12 | 0.000 | 2.545 | 1.721 | 0.000 | 0.000 | 2.606 | 2.606 | 20 | OP | 0.920 | 3.800 | 0.750 | 2.880 | 0.230 | 0.750 |
| VRPVC | 12 | 0.000 | 2.255 | 1.130 | 0.000 | 0.000 | 2.286 | 2.286 | 20 | OP | 3.860 | 14.860 | 2.950 | 11.020 | 1.170 | 3.830 |
| VRQGC | 12 | 0.000 | 2.337 | 1.815 | 0.000 | 0.000 | 2.451 | 2.451 | 20 | OP | 4.280 | 16.530 | 3.290 | 12.340 | 1.320 | 4.350 |
| VRQVC | 12 | 0.000 | 2.337 | 1.213 | 0.000 | 0.000 | 2.368 | 2.368 | 20 | OP | 4.210 | 16.500 | 3.220 | 12.220 | 1.280 | 4.230 |
| VRRGC | 12 | 0.000 | 2.205 | 1.683 | 0.000 | 0.000 | 2.319 | 2.319 | 20 | OP | 3.700 | 14.000 | 2.850 | 10.470 | 1.130 | 3.720 |
| VRRVC | 12 | 0.000 | 2.176 | 1.051 | 0.000 | 0.000 | 2.207 | 2.207 | 20 | OP | 3.550 | 13.430 | 2.710 | 9.980 | 1.060 | 3.490 |
| VRBGC | 13 | 0.000 | 0.000 | 2.422 | 0.000 | 0.000 | 2.422 | 2.422 | 60 | OP | 2.190 | 9.680 | 1.660 | 7.110 | 0.620 | 2.240 |
| VRKGC | 13 | 0.000 | 0.000 | 2.477 | 0.000 | 0.000 | 2.477 | 2.477 | 60 | OP | 2.340 | 10.420 | 1.770 | 7.650 | 0.660 | 2.410 |
| VRKHC | 13 | 0.000 | 0.000 | 2.230 | 0.000 | 0.000 | 2.230 | 2.230 | 60 | OP | 0.590 | 2.260 | 0.470 | 1.730 | 0.140 | 0.440 |
| VRKVC | 13 | 0.000 | 0.000 | 1.903 | 0.000 | 0.000 | 1.903 | 1.903 | 60 | OP | 1.850 | 8.060 | 1.380 | 5.850 | 0.510 | 1.890 |
| VRSVC | 13 | 0.000 | 0.000 | 1.530 | 0.000 | 0.000 | 1.530 | 1.530 | 60 | OP | 1.190 | 4.810 | 0.890 | 3.500 | 0.320 | 1.140 |
| VRWGC | 13 | 0.000 | 0.000 | 2.146 | 0.000 | 0.000 | 2.146 | 2.146 | 60 | OP | 1.580 | 6.680 | 1.190 | 4.910 | 0.440 | 1.560 |
| VRBGS | 14 | 0.740 | 0.000 | 0.000 | -0.265 | -0.394 | -0.265 | -0.394 | 120 | OP | 0.080 | 0.200 | 0.060 | 0.150 | 0.020 | 0.050 |
| VRDHS | 14 | -0.602 | 0.000 | 0.000 | -2.900 | -2.840 | -2.900 | -2.840 | 120 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCGS | 14 | 0.505 | 0.000 | 0.000 | -0.476 | -0.597 | -0.476 | -0.597 | 120 | OP | 0.060 | 0.150 | 0.050 | 0.110 | 0.020 | 0.030 |
| VRCHS | 14 | -0.602 | 0.000 | 0.000 | -2.900 | -2.840 | -2.900 | -2.840 | 120 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKGS | 14 | 0.740 | 0.000 | 0.000 | -0.265 | -0.394 | -0.265 | -0.394 | 120 | OP | 0.080 | 0.200 | 0.060 | 0.150 | 0.020 | 0.050 |
| VRKHS | 14 | -0.602 | 0.000 | 0.000 | -2.900 | -2.840 | -2.900 | -2.840 | 120 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKVS | 14 | -2.678 | 0.000 | 0.000 | -6.977 | -6.352 | -6.977 | -6.352 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRHVS | 14 | -2.678 | 0.000 | 0.000 | -6.977 | -6.352 | -6.977 | -6.352 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPGS | 14 | 0.740 | 0.000 | 0.000 | -0.265 | -0.394 | -0.265 | -0.394 | 120 | OP | 0.080 | 0.200 | 0.060 | 0.150 | 0.020 | 0.050 |
| VRPHS | 14 | -0.602 | 0.000 | 0.000 | -2.900 | -2.840 | -2.900 | -2.840 | 120 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPVS | 14 | -2.678 | 0.000 | 0.000 | -6.977 | -6.352 | -6.977 | -6.352 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRQGS | 14 | 0.740 | 0.000 | 0.000 | -0.265 | -0.394 | -0.265 | -0.394 | 120 | OP | 0.080 | 0.200 | 0.060 | 0.150 | 0.020 | 0.050 |
| VRQVS | 14 | -2.678 | 0.000 | 0.000 | -6.977 | -6.352 | -6.977 | -6.352 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRGS | 14 | 0.740 | 0.000 | 0.000 | -0.265 | -0.394 | -0.265 | -0.394 | 120 | OP | 0.080 | 0.200 | 0.060 | 0.150 | 0.020 | 0.050 |
| VRRVS | 14 | -2.678 | 0.000 | 0.000 | -6.977 | -6.352 | -6.977 | -6.352 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRSVS | 14 | -2.678 | 0.000 | 0.000 | -6.977 | -6.352 | -6.977 | -6.352 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRWGS | 14 | 0.000 | 0.000 | -2.757 | 0.000 | 0.000 | -2.757 | -2.757 | 120 | OP | 0.000 | 0.010 | 0.000 | 0.010 | 0.000 | 0.000 |
| VRDHC | 15 | 1.477 | 0.778 | 0.000 | -1.029 | -1.076 | 0.785 | 0.784 | 120 | OP | 0.100 | 0.310 | 0.080 | 0.240 | 0.020 | 0.060 |
| VRCGC | 15 | 0.903 | 0.204 | 0.000 | -0.118 | -0.253 | 0.373 | 0.334 | 120 | OP | 0.390 | 1.130 | 0.310 | 0.870 | 0.110 | 0.320 |
| VRCHC | 15 | 1.204 | 0.505 | 0.000 | -1.274 | -1.319 | 0.512 | 0.511 | 120 | OP | 0.070 | 0.210 | 0.060 | 0.170 | 0.020 | 0.040 |

Report for file CNSVR

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VRMVC | 15 | 3.042 | 1.498 | 0.000 | -1.829 | -1.697 | 1.498 | 1.498 | 120 | OP | 1.640 | 5.390 | 1.250 | 4.060 | 0.470 | 1.490 |
| VRPGC | 15 | 1.512 | 0.813 | 0.000 | 0.430 | 0.286 | 0.963 | 0.926 | 120 | OP | 0.790 | 2.370 | 0.620 | 1.830 | 0.230 | 0.680 |
| VRPHC | 15 | 1.767 | 1.068 | 0.000 | -0.768 | -0.816 | 1.074 | 1.074 | 120 | OP | 0.140 | 0.460 | 0.110 | 0.360 | 0.030 | 0.090 |
| VRPVC | 15 | 1.477 | 0.778 | 0.000 | -3.238 | -3.123 | 0.778 | 0.778 | 120 | OP | 0.720 | 2.140 | 0.550 | 1.620 | 0.200 | 0.610 |
| VRQGC | 15 | 1.860 | 1.161 | 0.000 | 0.743 | 0.599 | 1.302 | 1.266 | 120 | OP | 1.170 | 3.660 | 0.920 | 2.800 | 0.340 | 1.040 |
| VRQVC | 15 | 1.860 | 1.161 | 0.000 | -2.893 | -2.779 | 1.161 | 1.161 | 120 | OP | 1.120 | 3.490 | 0.850 | 2.640 | 0.310 | 0.980 |
| VRRGC | 15 | 2.793 | 1.029 | 0.000 | 1.583 | 1.452 | 1.690 | 1.591 | 120 | OP | 1.830 | 5.540 | 1.430 | 4.210 | 0.550 | 1.550 |
| VRRVC | 15 | 2.763 | 1.000 | 0.000 | -2.080 | -1.954 | 1.000 | 1.000 | 120 | OP | 0.940 | 2.840 | 0.710 | 2.160 | 0.260 | 0.800 |

Report for file CNSVR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VRBGS | 1 | 0.49 | 1.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| VRDHS | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRCGS | 1 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRCHS | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRKGS | 1 | 1.22 | 4.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.00 | 0.00 |
| VRKHS | 1 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRKVS | 1 | 0.02 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRMVS | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRPGS | 1 | 0.09 | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRPHS | 1 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRPVS | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRQGS | 1 | 0.13 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRQVS | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRRGS | 1 | 0.11 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRRVS | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRSVS | 1 | 0.02 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRWGS | 1 | 0.61 | 1.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 |
| VRBGS | 3 | 0.49 | 1.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| VRDHS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRCGS | 3 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRCHS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRKGS | 3 | 1.22 | 4.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.00 | 0.00 |
| VRKHS | 3 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRKVS | 3 | 0.02 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRMVS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRPGS | 3 | 0.09 | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRPHS | 3 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRPVS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRQGS | 3 | 0.13 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRQVS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRRGS | 3 | 0.11 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRRVS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRSVS | 3 | 0.02 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRWGS | 3 | 0.61 | 1.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 |
| VRDHC | 4 | 0.83 | 3.37 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| VRCGC | 4 | 3.16 | 11.66 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| VRCHC | 4 | 0.74 | 2.95 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |

Report for file CNSVR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VRMVC | 4 | 4.77 | 19.11 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VRPGC | 4 | 4.06 | 15.58 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VRPHC | 4 | 0.92 | 3.80 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| VRPVC | 4 | 3.86 | 14.86 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VRQGC | 4 | 4.28 | 16.53 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VRQVC | 4 | 4.21 | 16.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VRRGC | 4 | 3.70 | 14.00 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VRRVC | 4 | 3.55 | 13.43 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VRBGF | 5 | 1.78 | 7.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| VRKGF | 5 | 3.34 | 15.54 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| VRKHF | 5 | 0.84 | 3.43 | 0.03 | 0.68 | 2.40 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| VRKVF | 5 | 2.63 | 12.18 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 4.94 | 35.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| VRSVF | 5 | 1.70 | 7.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| VRWGF | 5 | 1.58 | 6.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.00 | 0.00 |
| VRBGS | 6 | 1.47 | 5.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| VRDHC | 6 | 0.59 | 2.30 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| VRCGC | 6 | 2.47 | 8.51 | 1.72 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.00 | 0.00 |
| VRCHC | 6 | 0.53 | 2.02 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| VRKGS | 6 | 1.56 | 5.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.00 | 0.00 |
| VRKHS | 6 | 0.09 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRKVS | 6 | 0.03 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRMVC | 6 | 3.64 | 13.84 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VRPGC | 6 | 3.17 | 11.33 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VRPHC | 6 | 0.66 | 2.59 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| VRPVC | 6 | 2.94 | 10.74 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VRQGC | 6 | 3.34 | 12.03 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VRQVC | 6 | 3.22 | 11.95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VRRGC | 6 | 2.90 | 10.20 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VRRVC | 6 | 2.70 | 9.70 | 1.72 | 21.28 | 0.00 | 0.00 | 6.66 | 49.52 | 0.00 | 0.00 | 5.55 | 13.81 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| VRSVS | 6 | 0.02 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRWGS | 6 | 1.10 | 3.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.00 | 0.00 |
| VRBGF | 7 | 2.19 | 9.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| VRDHC | 7 | 0.83 | 3.37 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| VRCGC | 7 | 3.16 | 11.66 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| VRCHC | 7 | 0.74 | 2.95 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| VRKGF | 7 | 2.34 | 10.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| VRKHF | 7 | 0.59 | 2.26 | 0.03 | 0.68 | 2.40 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |

Report for file CNSVR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VRKVF | 7 | 1.85 | 8.06 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.86 | 9.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.00 | 0.00 |
| VRMVC | 7 | 4.77 | 19.11 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VRPGC | 7 | 4.06 | 15.58 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VRPHC | 7 | 0.92 | 3.80 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| VRPVC | 7 | 3.86 | 14.86 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VRQGC | 7 | 4.28 | 16.53 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VRQVC | 7 | 4.21 | 16.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VRRGC | 7 | 3.70 | 14.00 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VRRVC | 7 | 3.55 | 13.43 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VRSVF | 7 | 1.19 | 4.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| VRWGF | 7 | 1.58 | 6.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.00 | 0.00 |
| VRBGS | 9 | 0.49 | 1.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| VRDHS | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRCGS | 9 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRCHS | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRKGS | 9 | 1.22 | 4.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.00 | 0.00 |
| VRKHS | 9 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRKVS | 9 | 0.02 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRMVS | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRPGS | 9 | 0.09 | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRPHS | 9 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRPVS | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRQGS | 9 | 0.13 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRQVS | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRRGS | 9 | 0.11 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRRVS | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRSVS | 9 | 0.02 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRWGS | 9 | 0.61 | 1.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 |
| VRBGS | 11 | 0.67 | 2.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| VRDHS | 11 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRCGS | 11 | 0.06 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRCHS | 11 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRKGS | 11 | 1.64 | 6.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.00 | 0.00 |
| VRKHS | 11 | 0.13 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRKVS | 11 | 0.03 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRMVS | 11 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRPGS | 11 | 0.12 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSVR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VRPHS | 11 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRPVS | 11 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRQGS | 11 | 0.18 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRQVS | 11 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRRGS | 11 | 0.16 | 0.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRRVS | 11 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRSVS | 11 | 0.03 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRWGS | 11 | 0.83 | 2.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.00 | 0.00 |
| VRDHC | 12 | 0.83 | 3.37 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| VRCGC | 12 | 3.16 | 11.66 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| VRCHC | 12 | 0.74 | 2.95 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| VRMVC | 12 | 4.77 | 19.11 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VRPGC | 12 | 4.06 | 15.58 | 1.72 | 224.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VRPHC | 12 | 0.92 | 3.80 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.15 | 0.01 | 0.07 | 0.00 | 0.00 |
| VRPVC | 12 | 3.86 | 14.86 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VRQGC | 12 | 4.28 | 16.53 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VRQVC | 12 | 4.21 | 16.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VRRGC | 12 | 3.70 | 14.00 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VRRVC | 12 | 3.55 | 13.43 | 1.72 | 224.28 | 0.00 | 0.00 | 6.66 | 132.70 | 0.00 | 0.00 | 5.55 | 103.18 | 0.00 | 0.00 | 0.16 | 1.03 | 0.92 | 52.11 |
| VRBGC | 13 | 2.19 | 9.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.92 | 6.50 |
| VRKGC | 13 | 2.34 | 10.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 1.03 | 0.00 | 0.00 |
| VRKHC | 13 | 0.59 | 2.26 | 0.03 | 0.68 | 2.40 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| VRKVC | 13 | 1.85 | 8.06 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.86 | 9.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.00 | 0.00 |
| VRSVC | 13 | 1.19 | 4.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| VRWGC | 13 | 1.58 | 6.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.26 | 0.00 | 0.00 |
| VRBGS | 14 | 0.08 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRDHS | 14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRCGS | 14 | 0.06 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRCHS | 14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRKGS | 14 | 0.08 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRKHS | 14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRKVS | 14 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRMVS | 14 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRPGS | 14 | 0.08 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRPHS | 14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRPVS | 14 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRQGS | 14 | 0.08 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSVR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VRQVS 14 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRRGS 14 | 0.08 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRRVS 14 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRSVS 14 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRWGS 14 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRDHC 15 | 0.10 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRCGC 15 | 0.39 | 1.13 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| VRCHC 15 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRHVC 15 | 1.64 | 5.39 | 0.15 | 21.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| VRPGC 15 | 0.79 | 2.37 | 0.03 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| VRPHC 15 | 0.14 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRPVC 15 | 0.72 | 2.14 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| VRQGC 15 | 1.17 | 3.66 | 0.15 | 0.68 | 0.00 | 0.00 | 0.13 | 2.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| VRQVC 15 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.05 | 0.36 |
| VRRGC 15 | 1.83 | 5.54 | 0.15 | 21.28 | 0.00 | 0.00 | 0.13 | 49.52 | 0.00 | 0.00 | 0.66 | 13.81 | 0.00 | 0.00 | 0.03 | 0.26 | 0.05 | 6.50 |
| VRRVC 15 | 0.94 | 2.84 | 0.03 | 0.68 | 0.00 | 0.00 | 0.01 | 2.60 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |

Report for file CNSVR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VRBGS | 1 | 0.49 | 1.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| VRDHS | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRCGS | 1 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRCHS | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRKGS | 1 | 1.22 | 4.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.00 | 0.00 |
| VRKHS | 1 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRKVS | 1 | 0.02 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRMVS | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRPGS | 1 | 0.09 | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRPHS | 1 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRPVS | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRQGS | 1 | 0.13 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRQVS | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRRGS | 1 | 0.11 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRRVS | 1 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRSVS | 1 | 0.02 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRWGS | 1 | 0.61 | 1.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.05 | 0.00 | 0.00 |
| VRBGS | 3 | 0.49 | 1.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| VRDHS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRCGS | 3 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRCHS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRKGS | 3 | 1.22 | 4.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.00 | 0.00 |
| VRKHS | 3 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRKVS | 3 | 0.02 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRMVS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRPGS | 3 | 0.09 | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRPHS | 3 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRPVS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRQGS | 3 | 0.13 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRQVS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRRGS | 3 | 0.11 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRRVS | 3 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRSVS | 3 | 0.02 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRWGS | 3 | 0.61 | 1.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.05 | 0.00 | 0.00 |
| VRDHC | 4 | 0.83 | 3.37 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| VRCGC | 4 | 3.16 | 11.66 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| VRCHC | 4 | 0.74 | 2.95 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |

Report for file CNSVR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VRMVC | 4 | 4.77 | 19.11 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VRPGC | 4 | 4.06 | 15.58 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VRPHC | 4 | 0.92 | 3.80 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| VRPVC | 4 | 3.86 | 14.86 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VRQGC | 4 | 4.28 | 16.53 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VRQVC | 4 | 4.21 | 16.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VRRGC | 4 | 3.70 | 14.00 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VRRVC | 4 | 3.55 | 13.43 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VRBGF | 5 | 1.78 | 7.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| VRKGF | 5 | 3.34 | 15.54 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| VRKHF | 5 | 0.84 | 3.43 | 0.19 | 2.85 | 67.78 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| VRKVF | 5 | 2.63 | 12.18 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 9.19 | 141.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| VRSVF | 5 | 1.70 | 7.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| VRWGF | 5 | 1.58 | 6.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.00 | 0.00 |
| VRBGS | 6 | 1.47 | 5.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| VRDHC | 6 | 0.59 | 2.30 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| VRCGC | 6 | 2.47 | 8.51 | 5.82 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 0.00 | 0.00 |
| VRCHC | 6 | 0.53 | 2.02 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| VRKGS | 6 | 1.56 | 5.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.00 | 0.00 |
| VRKHS | 6 | 0.09 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRKVS | 6 | 0.03 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRMVC | 6 | 3 | 13.84 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VRPGC | 6 | 3. | 11.33 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VRPHC | 6 | 0.66 | 2.59 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| VRPVC | 6 | 2.94 | 10.74 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VRQGC | 6 | 3.34 | 12.03 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VRQVC | 6 | 3.22 | 11.95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VRRGC | 6 | 2.90 | 10.20 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VRRVC | 6 | 2.70 | 9.70 | 5.82 | 57.27 | 0.00 | 0.00 | 29.38 | 468.74 | 0.00 | 0.00 | 24.90 | 38.89 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| VRSVS | 6 | 0.02 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRWGS | 6 | 1.10 | 3.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.00 | 0.00 |
| VRBGF | 7 | 2.19 | 9.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| VRDHC | 7 | 0.83 | 3.37 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| VRCGC | 7 | 3.16 | 11.66 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| VRCHC | 7 | 0.74 | 2.95 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| VRKGF | 7 | 2.34 | 10.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| VRKHF | 7 | 0.59 | 2.26 | 0.19 | 2.85 | 67.78 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |

Report for file CNSVR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VRKVF | 7 | 1.85 | 8.06 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 3.46 | 16.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.00 | 0.00 |
| VRMVC | 7 | 4.77 | 19.11 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VRPGC | 7 | 4.06 | 15.58 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VRPHC | 7 | 0.92 | 3.80 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| VRPVC | 7 | 3.86 | 14.86 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VRQGC | 7 | 4.28 | 16.53 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VRQVC | 7 | 4.21 | 16.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VRRGC | 7 | 3.70 | 14.00 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VRRVC | 7 | 3.55 | 13.43 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VRSVF | 7 | 1.19 | 4.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| VRWGF | 7 | 1.58 | 6.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.00 | 0.00 |
| VRBGS | 9 | 0.49 | 1.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| VRDHS | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRCGS | 9 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRCHS | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRKGS | 9 | 1.22 | 4.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.00 | 0.00 |
| VRKHS | 9 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRKVS | 9 | 0.02 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRMVS | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRPGS | 9 | 0.09 | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRPHS | 9 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRPVS | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRQGS | 9 | 0.13 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRQVS | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRRGS | 9 | 0.11 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRRVS | 9 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRSVS | 9 | 0.02 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRWGS | 9 | 0.61 | 1.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.05 | 0.00 | 0.00 |
| VRBGS | 11 | 0.67 | 2.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| VRDHS | 11 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRCGS | 11 | 0.06 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRCHS | 11 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRKGS | 11 | 1.64 | 6.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.00 | 0.00 |
| VRKHS | 11 | 0.13 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRKVS | 11 | 0.03 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRMVS | 11 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRPGS | 11 | 0.12 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSVR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VRPHS 11 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRPVS 11 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRQGS 11 | 0.18 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRQVS 11 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRRGS 11 | 0.16 | 0.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRRVS 11 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRSVS 11 | 0.03 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRWGS 11 | 0.83 | 2.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.00 | 0.00 |
| VRDHC 12 | 0.83 | 3.37 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| VRCGC 12 | 3.16 | 11.66 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| VRCHC 12 | 0.74 | 2.95 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| VRMVC 12 | 4.77 | 19.11 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VRPGC 12 | 4.06 | 15.58 | 5.82 | 1439.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VRPHC 12 | 0.92 | 3.80 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.72 | 0.04 | 0.17 | 0.00 | 0.00 |
| VRPVC 12 | 3.86 | 14.86 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VRQGC 12 | 4.28 | 16.53 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VRQVC 12 | 4.21 | 16.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VRRGC 12 | 3.70 | 14.00 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VRRVC 12 | 3.55 | 13.43 | 5.82 | 1439.30 | 0.00 | 0.00 | 29.38 | 1801.11 | 0.00 | 0.00 | 24.90 | 925.70 | 0.00 | 0.00 | 0.26 | 1.75 | 3.21 | 652.17 |
| VRBGC 13 | 2.19 | 9.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.42 | 3.21 | 18.45 |
| VRKGC 13 | 2.34 | 10.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.75 | 0.00 | 0.00 |
| VRKHC 13 | 0.59 | 2.26 | 0.19 | 2.85 | 67.78 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| VRKVC 13 | 1.85 | 8.06 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 3.46 | 16.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.00 | 0.00 |
| VRSVC 13 | 1.19 | 4.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| VRWGC 13 | 1.58 | 6.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.42 | 0.00 | 0.00 |
| VRBGS 14 | 0.08 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRDHS 14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRCGS 14 | 0.06 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRCHS 14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRKGS 14 | 0.08 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRKHS 14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRKVS 14 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRMVS 14 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRPGS 14 | 0.08 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRPHS 14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRPVS 14 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRQGS 14 | 0.08 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSVR

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VROVS 14 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRRGS 14 | 0.08 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRRVS 14 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRSVS 14 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRWGS 14 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRDHC 15 | 0.10 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRCGC 15 | 0.39 | 1.13 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 |
| VRCHC 15 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRMVC 15 | 1.64 | 5.39 | 0.63 | 57.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| VRPGC 15 | 0.79 | 2.37 | 0.19 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| VRPHC 15 | 0.14 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VRPVC 15 | 0.72 | 2.14 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| VRQGC 15 | 1.17 | 3.66 | 0.63 | 2.85 | 0.00 | 0.00 | 0.83 | 18.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| VRQVC 15 | 1.12 | 3.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.17 | 0.29 | 1.80 |
| VRRGC 15 | 1.83 | 5.54 | 0.63 | 57.27 | 0.00 | 0.00 | 0.83 | 468.74 | 0.00 | 0.00 | 5.23 | 38.89 | 0.00 | 0.00 | 0.08 | 0.42 | 0.29 | 18.45 |
| VRRVC 15 | 0.94 | 2.84 | 0.19 | 2.85 | 0.00 | 0.00 | 0.19 | 18.93 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |

Report for file CNSVR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VRBGS | 1 | 0.490 | 0.000 | 0.620 | 0.360 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRDHS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCGS | 1 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCHS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKGS | 1 | 1.220 | 0.100 | 0.850 | 0.700 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKHS | 1 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKVS | 1 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRMVS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPGS | 1 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPHS | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPVS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRQGS | 1 | 0.130 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0,000 |
| VRQVS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRGS | 1 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRVS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRSVS | 1 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRWGS | 1 | 0.610 | 0.010 | 0.690 | 0.440 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRBGS | 3 | 0.490 | 0.000 | 0.620 | 0.360 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRDHS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCGS | 3 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCHS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKGS | 3 | 1.220 | 0.100 | 0.850 | 0.700 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKHS | 3 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKVS | 3 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRMVS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPGS | 3 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPHS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPVS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRQGS | 3 | 0.130 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRQVS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRGS | 3 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRVS | 3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRSVS | 3 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRWGS | 3 | 0.610 | 0.010 | 0.700 | 0.440 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRDHC | 4 | 0.830 | 0.040 | 0.750 | 0.510 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCGC | 4 | 3.160 | 0.730 | 0.950 | 0.900 | 0.740 | 0.490 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCHC | 4 | 0.740 | 0.030 | 0.720 | 0.480 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRMVC | 4 | 4.770 | 1.620 | 0.970 | 0.930 | 0.830 | 0.660 | 0.380 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSVR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VRPGC | 4 | 4.060 | 1.190 | 0.960 | 0.920 | 0.800 | 0.600 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPHC | 4 | 0.920 | 0.050 | 0.780 | 0.560 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPVC | 4 | 3.860 | 1.080 | 0.960 | 0.910 | 0.790 | 0.570 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRQGC | 4 | 4.280 | 1.320 | 0.960 | 0.920 | 0.810 | 0.620 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRQVC | 4 | 4.210 | 1.280 | 0.960 | 0.920 | 0.800 | 0.610 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRGC | 4 | 3.700 | 1.000 | 0.960 | 0.910 | 0.780 | 0.560 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRVC | 4 | 3.550 | 0.920 | 0.950 | 0.910 | 0.770 | 0.530 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRBGF | 5 | 1.780 | 0.230 | 0.900 | 0.800 | 0.500 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKGF | 5 | 3.340 | 0.810 | 0.950 | 0.900 | 0.740 | 0.490 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKHF | 5 | 0.840 | 0.040 | 0.760 | 0.510 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKVF | 5 | 2.630 | 0.510 | 0.930 | 0.860 | 0.660 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRSVF | 5 | 1.700 | 0.210 | 0.890 | 0.790 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRWGF | 5 | 1.580 | 0.180 | 0.890 | 0.770 | 0.460 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRBGS | 6 | 1.470 | 0.150 | 0.880 | 0.760 | 0.440 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRDHC | 6 | 0.590 | 0.010 | 0.650 | 0.420 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCGC | 6 | 2.470 | 0.450 | 0.930 | 0.870 | 0.670 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCHC | 6 | 0.530 | 0.000 | 0.600 | 0.380 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKGS | 6 | 1.560 | 0.170 | 0.890 | 0.770 | 0.460 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKHS | 6 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKVS | 6 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRMVC | 6 | 3.640 | 0.960 | 0.950 | 0.910 | 0.770 | 0.540 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPGC | 6 | 3.170 | 0.740 | 0.950 | 0.900 | 0.740 | 0.490 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPHC | 6 | 0.660 | 0.020 | 0.690 | 0.450 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPVC | 6 | 2.940 | 0.640 | 0.940 | 0.890 | 0.710 | 0.450 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRQGC | 6 | 3.340 | 0.820 | 0.950 | 0.900 | 0.750 | 0.510 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRQVC | 6 | 3.220 | 0.760 | 0.950 | 0.900 | 0.740 | 0.490 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRGC | 6 | 2.900 | 0.620 | 0.940 | 0.890 | 0.720 | 0.460 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRVC | 6 | 2.700 | 0.540 | 0.940 | 0.870 | 0.690 | 0.420 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRSVS | 6 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRWGS | 6 | 1.100 | 0.080 | 0.830 | 0.670 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRBGF | 7 | 2.190 | 0.350 | 0.920 | 0.840 | 0.600 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRDHC | 7 | 0.830 | 0.040 | 0.750 | 0.510 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCGC | 7 | 3.160 | 0.730 | 0.950 | 0.900 | 0.740 | 0.490 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCHC | 7 | 0.740 | 0.030 | 0.720 | 0.480 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKGF | 7 | 2.340 | 0.400 | 0.920 | 0.850 | 0.620 | 0.350 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKHF | 7 | 0.590 | 0.010 | 0.640 | 0.410 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKVF | 7 | 1.850 | 0.250 | 0.900 | 0.800 | 0.510 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRMVC | 7 | 4.770 | 1.620 | 0.970 | 0.930 | 0.830 | 0.660 | 0.380 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSVR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VRPGC | 7 | 4.060 | 1.190 | 0.960 | 0.920 | 0.800 | 0.600 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPHC | 7 | 0.920 | 0.050 | 0.780 | 0.560 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPVC | 7 | 3.860 | 1.080 | 0.960 | 0.910 | 0.790 | 0.570 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRQGC | 7 | 4.280 | 1.320 | 0.960 | 0.920 | 0.810 | 0.620 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRQVC | 7 | 4.210 | 1.280 | 0.960 | 0.920 | 0.800 | 0.610 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRGC | 7 | 3.700 | 1.000 | 0.960 | 0.910 | 0.780 | 0.560 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRVC | 7 | 3.550 | 0.920 | 0.950 | 0.910 | 0.770 | 0.530 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRSVF | 7 | 1.190 | 0.100 | 0.840 | 0.690 | 0.350 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRWGF | 7 | 1.580 | 0.180 | 0.890 | 0.770 | 0.460 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRBGS | 9 | 0.490 | 0.000 | 0.620 | 0.360 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRDHS | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCGS | 9 | 0.040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCHS | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKGS | 9 | 1.220 | 0.100 | 0.850 | 0.700 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKHS | 9 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKVS | 9 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRMVS | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPGS | 9 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPHS | 9 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPVS | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRQGS | 9 | 0.130 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRQVS | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRGS | 9 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRVS | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRSVS | 9 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRWGS | 9 | 0.610 | 0.010 | 0.690 | 0.440 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRBGS | 11 | 0.670 | 0.020 | 0.720 | 0.470 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRDHS | 11 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCGS | 11 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCHS | 11 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKGS | 11 | 1.640 | 0.190 | 0.890 | 0.780 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKHS | 11 | 0.130 | 0.000 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKVS | 11 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRMVS | 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPGS | 11 | 0.120 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPHS | 11 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPVS | 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRQGS | 11 | 0.180 | 0.000 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSVR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VRQVS 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRGS 11 | 0.160 | 0.000 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRVS 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRSVS 11 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRWGS 11 | 0.830 | 0.040 | 0.780 | 0.560 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRDHC 12 | 0.830 | 0.040 | 0.750 | 0.510 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCGC 12 | 3.160 | 0.730 | 0.950 | 0.900 | 0.740 | 0.490 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCHC 12 | 0.740 | 0.030 | 0.720 | 0.480 | 0.120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRMVC 12 | 4.770 | 1.620 | 0.970 | 0.930 | 0.830 | 0.660 | 0.380 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPGC 12 | 4.060 | 1.190 | 0.960 | 0.920 | 0.800 | 0.600 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPHC 12 | 0.920 | 0.050 | 0.780 | 0.560 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPVC 12 | 3.860 | 1.080 | 0.960 | 0.910 | 0.790 | 0.570 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRQGC 12 | 4.280 | 1.320 | 0.960 | 0.920 | 0.810 | 0.620 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRQVC 12 | 4.210 | 1.280 | 0.960 | 0.920 | 0.800 | 0.610 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRGC 12 | 3.700 | 1.000 | 0.960 | 0.910 | 0.780 | 0.560 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRVC 12 | 3.550 | 0.920 | 0.950 | 0.910 | 0.770 | 0.530 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRBGC 13 | 2.190 | 0.350 | 0.920 | 0.840 | 0.600 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKGC 13 | 2.340 | 0.400 | 0.920 | 0.850 | 0.620 | 0.350 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKHC 13 | 0.590 | 0.010 | 0.640 | 0.410 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKVC 13 | 1.850 | 0.250 | 0.900 | 0.800 | 0.510 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRSVC 13 | 1.190 | 0.100 | 0.840 | 0.690 | 0.350 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRWGC 13 | 1.580 | 0.180 | 0.890 | 0.770 | 0.460 | 0.140 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRBGS 14 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRDHS 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCGS 14 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCHS 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKGS 14 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKHS 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKVS 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRMVS 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPGS 14 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPHS 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPVS 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRQGS 14 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRQVS 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRGS 14 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRVS 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRSVS 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSVR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VRWGS 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRDHC 15 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCGC 15 | 0.390 | 0.000 | 0.540 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCHC 15 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRMVC 15 | 1.640 | 0.190 | 0.890 | 0.790 | 0.480 | 0.170 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPGC 15 | 0.790 | 0.030 | 0.780 | 0.560 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPHC 15 | 0.140 | 0.000 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPVC 15 | 0.720 | 0.020 | 0.740 | 0.490 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRQGC 15 | 1.170 | 0.090 | 0.850 | 0.710 | 0.370 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRQVC 15 | 1.120 | 0.080 | 0.840 | 0.680 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRGC 15 | 1.830 | 0.240 | 0.910 | 0.820 | 0.540 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRVC 15 | 0.940 | 0.050 | 0.810 | 0.610 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSVR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VRBGS | 1 | 1.460 | 0.090 | 0.860 | 0.720 | 0.400 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRDHS | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCGS | 1 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCHS | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKGS | 1 | 4.200 | 0.680 | 0.950 | 0.900 | 0.750 | 0.500 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKHS | 1 | 0.210 | 0.000 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKVS | 1 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRMVS | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPGS | 1 | 0.220 | 0.000 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPHS | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPVS | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRQGS | 1 | 0.340 | 0.000 | 0.440 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRQVS | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRGS | 1 | 0.290 | 0.000 | 0.390 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRVS | 1 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRSVS | 1 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRWGS | 1 | 1.880 | 0.150 | 0.890 | 0.780 | 0.480 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRBGS | 3 | 1.460 | 0.090 | 0.860 | 0.720 | 0.400 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRDHS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCGS | 3 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCHS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKGS | 3 | 4.200 | 0.680 | 0.950 | 0.900 | 0.750 | 0.500 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKHS | 3 | 0.210 | 0.000 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKVS | 3 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRMVS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPGS | 3 | 0.220 | 0.000 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPHS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPVS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRQGS | 3 | 0.340 | 0.000 | 0.440 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRQVS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRGS | 3 | 0.290 | 0.000 | 0.390 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRVS | 3 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRSVS | 3 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRWGS | 3 | 1.890 | 0.150 | 0.890 | 0.780 | 0.480 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRDHC | 4 | 3.370 | 0.460 | 0.920 | 0.850 | 0.620 | 0.410 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCGC | 4 | 11.660 | 4.390 | 0.980 | 0.970 | 0.920 | 0.840 | 0.680 | 0.340 | 0.010 | 0.000 | 0.000 | 0.000 |
| VRCHC | 4 | 2.950 | 0.360 | 0.910 | 0.830 | 0.570 | 0.380 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRMVC | 4 | 19.110 | 10.690 | 0.990 | 0.980 | 0.950 | 0.900 | 0.790 | 0.490 | 0.230 | 0.000 | 0.000 | 0.000 |

Report for file CNSVR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VRPGC | 4 | 15.580 | 7.400 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.440 | 0.120 | 0.000 | 0.000 | 0.000 |
| VRPHC | 4 | 3.800 | 0.570 | 0.930 | 0.870 | 0.670 | 0.440 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPVC | 4 | 14.860 | 6.790 | 0.990 | 0.970 | 0.930 | 0.870 | 0.740 | 0.420 | 0.080 | 0.000 | 0.000 | 0.000 |
| VRQGC | 4 | 16.530 | 8.240 | 0.990 | 0.980 | 0.940 | 0.890 | 0.770 | 0.460 | 0.150 | 0.000 | 0.000 | 0.000 |
| VRQVC | 4 | 16.500 | 8.200 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.450 | 0.150 | 0.000 | 0.000 | 0.000 |
| VRRGC | 4 | 14.000 | 6.100 | 0.990 | 0.970 | 0.930 | 0.870 | 0.730 | 0.410 | 0.040 | 0.000 | 0.000 | 0.000 |
| VRRVC | 4 | 13.430 | 5.660 | 0.990 | 0.970 | 0.930 | 0.860 | 0.710 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 |
| VRBGF | 5 | 7.640 | 2.040 | 0.970 | 0.940 | 0.860 | 0.720 | 0.470 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKGF | 5 | 15.540 | 7.370 | 0.990 | 0.970 | 0.930 | 0.860 | 0.720 | 0.410 | 0.100 | 0.000 | 0.000 | 0.000 |
| VRKHF | 5 | 3.430 | 0.470 | 0.930 | 0.850 | 0.630 | 0.420 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKVF | 5 | 12.180 | 4.740 | 0.980 | 0.960 | 0.910 | 0.820 | 0.650 | 0.320 | 0.010 | 0.000 | 0.000 | 0.000 |
| VRSVF | 5 | 7.300 | 1.880 | 0.970 | 0.940 | 0.850 | 0.710 | 0.460 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRWGF | 5 | 6.660 | 1.590 | 0.970 | 0.940 | 0.840 | 0.680 | 0.430 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRBGS | 6 | 5.230 | 1.020 | 0.960 | 0.920 | 0.800 | 0.590 | 0.360 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRDHC | 6 | 2.300 | 0.220 | 0.890 | 0.780 | 0.480 | 0.290 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCGC | 6 | 8.510 | 2.480 | 0.980 | 0.960 | 0.890 | 0.790 | 0.570 | 0.180 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCHC | 6 | 2.020 | 0.170 | 0.870 | 0.750 | 0.450 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKGS | 6 | 5.610 | 1.160 | 0.960 | 0.920 | 0.810 | 0.620 | 0.380 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKHS | 6 | 0.290 | 0.000 | 0.370 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKVS | 6 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRMVC | 6 | 13.840 | 5.980 | 0.990 | 0.970 | 0.930 | 0.860 | 0.720 | 0.400 | 0.030 | 0.000 | 0.000 | 0.000 |
| VRPGC | 6 | 11.330 | 4.160 | 0.980 | 0.970 | 0.920 | 0.840 | 0.670 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPHC | 6 | 2.590 | 0.280 | 0.900 | 0.800 | 0.510 | 0.340 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPVC | 6 | 10.740 | 3.780 | 0.980 | 0.960 | 0.910 | 0.820 | 0.650 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRQGC | 6 | 12.030 | 4.640 | 0.980 | 0.970 | 0.920 | 0.840 | 0.690 | 0.350 | 0.010 | 0.000 | 0.000 | 0.000 |
| VRQVC | 6 | 11.950 | 4.580 | 0.980 | 0.970 | 0.920 | 0.840 | 0.680 | 0.340 | 0.010 | 0.000 | 0.000 | 0.000 |
| VRRGC | 6 | 10.200 | 3.440 | 0.980 | 0.960 | 0.910 | 0.820 | 0.640 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRVC | 6 | 9.700 | 3.150 | 0.980 | 0.960 | 0.900 | 0.810 | 0.610 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRSVS | 6 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRWGS | 6 | 3.710 | 0.550 | 0.940 | 0.890 | 0.720 | 0.470 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRBGF | 7 | 9.680 | 3.130 | 0.980 | 0.960 | 0.890 | 0.780 | 0.550 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRDHC | 7 | 3.370 | 0.460 | 0.920 | 0.850 | 0.620 | 0.410 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCGC | 7 | 11.660 | 4.390 | 0.980 | 0.970 | 0.920 | 0.840 | 0.680 | 0.340 | 0.010 | 0.000 | 0.000 | 0.000 |
| VRCHC | 7 | 2.950 | 0.360 | 0.910 | 0.830 | 0.570 | 0.380 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKGF | 7 | 10.420 | 3.580 | 0.980 | 0.960 | 0.900 | 0.790 | 0.580 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKHF | 7 | 2.260 | 0.220 | 0.890 | 0.770 | 0.480 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKVF | 7 | 8.060 | 2.250 | 0.970 | 0.950 | 0.870 | 0.730 | 0.490 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRMVC | 7 | 19.110 | 10.690 | 0.990 | 0.980 | 0.950 | 0.900 | 0.790 | 0.490 | 0.230 | 0.000 | 0.000 | 0.000 |

Report for file CNSVR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VRPGC | 7 | 15.580 | 7.400 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.440 | 0.120 | 0.000 | 0.000 | 0.000 |
| VRPHC | 7 | 3.800 | 0.570 | 0.930 | 0.870 | 0.670 | 0.440 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPVC | 7 | 14.860 | 6.790 | 0.990 | 0.970 | 0.930 | 0.870 | 0.740 | 0.420 | 0.080 | 0.000 | 0.000 | 0.000 |
| VRQGC | 7 | 16.530 | 8.240 | 0.990 | 0.980 | 0.940 | 0.890 | 0.770 | 0.460 | 0.150 | 0.000 | 0.000 | 0.000 |
| VRQVC | 7 | 16.500 | 8.200 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.450 | 0.150 | 0.000 | 0.000 | 0.000 |
| VRRGC | 7 | 14.000 | 6.100 | 0.990 | 0.970 | 0.930 | 0.870 | 0.730 | 0.410 | 0.040 | 0.000 | 0.000 | 0.000 |
| VRRVC | 7 | 13.430 | 5.660 | 0.990 | 0.970 | 0.930 | 0.860 | 0.710 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 |
| VRSVF | 7 | 4.810 | 0.880 | 0.960 | 0.910 | 0.780 | 0.560 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRWGF | 7 | 6.680 | 1.600 | 0.970 | 0.940 | 0.840 | 0.680 | 0.440 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRBGS | 9 | 1.460 | 0.090 | 0.860 | 0.720 | 0.400 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRDHS | 9 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCGS | 9 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCHS | 9 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKGS | 9 | 4.200 | 0.680 | 0.950 | 0.900 | 0.750 | 0.500 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKHS | 9 | 0.210 | 0.000 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKVS | 9 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRMVS | 9 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPGS | 9 | 0.220 | 0.000 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPHS | 9 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPVS | 9 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRQGS | 9 | 0.340 | 0.000 | 0.440 | 0.150 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRQVS | 9 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRGS | 9 | 0.290 | 0.000 | 0.390 | 0.050 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRVS | 9 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRSVS | 9 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRWGS | 9 | 1.880 | 0.150 | 0.890 | 0.780 | 0.480 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRBGS | 11 | 2.150 | 0.190 | 0.900 | 0.800 | 0.500 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRDHS | 11 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCGS | 11 | 0.150 | 0.000 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCHS | 11 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKGS | 11 | 6.430 | 1.490 | 0.960 | 0.930 | 0.820 | 0.650 | 0.410 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKHS | 11 | 0.410 | 0.000 | 0.460 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKVS | 11 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRMVS | 11 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPGS | 11 | 0.310 | 0.000 | 0.420 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPHS | 11 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPVS | 11 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRQGS | 11 | 0.470 | 0.000 | 0.570 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSVR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VRQVS 11 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRGS 11 | 0.400 | 0.000 | 0.500 | 0.250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRVS 11 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRSVS 11 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRWGS 11 | 2.800 | 0.320 | 0.920 | 0.850 | 0.610 | 0.380 | 0.030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRDHC 12 | 3.370 | 0.460 | 0.920 | 0.850 | 0.620 | 0.410 | 0.160 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCGC 12 | 11.660 | 4.390 | 0.980 | 0.970 | 0.920 | 0.840 | 0.680 | 0.340 | 0.010 | 0.000 | 0.000 | 0.000 |
| VRCHC 12 | 2.950 | 0.360 | 0.910 | 0.830 | 0.570 | 0.380 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRHVC 12 | 19.110 | 10.690 | 0.990 | 0.980 | 0.950 | 0.900 | 0.790 | 0.490 | 0.230 | 0.000 | 0.000 | 0.000 |
| VRPGC 12 | 15.580 | 7.400 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.440 | 0.120 | 0.000 | 0.000 | 0.000 |
| VRPHC 12 | 3.800 | 0.570 | 0.930 | 0.870 | 0.670 | 0.440 | 0.210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPVC 12 | 14.860 | 6.790 | 0.990 | 0.970 | 0.930 | 0.870 | 0.740 | 0.420 | 0.080 | 0.000 | 0.000 | 0.000 |
| VRQGC 12 | 16.530 | 8.240 | 0.990 | 0.980 | 0.940 | 0.890 | 0.770 | 0.460 | 0.150 | 0.000 | 0.000 | 0.000 |
| VRQVC 12 | 16.500 | 8.200 | 0.990 | 0.980 | 0.940 | 0.880 | 0.760 | 0.450 | 0.150 | 0.000 | 0.000 | 0.000 |
| VRRGC 12 | 14.000 | 6.100 | 0.990 | 0.970 | 0.930 | 0.870 | 0.730 | 0.410 | 0.040 | 0.000 | 0.000 | 0.000 |
| VRRVC 12 | 13.430 | 5.660 | 0.990 | 0.970 | 0.930 | 0.860 | 0.710 | 0.390 | 0.010 | 0.000 | 0.000 | 0.000 |
| VRBGC 13 | 9.680 | 3.130 | 0.980 | 0.960 | 0.890 | 0.780 | 0.550 | 0.220 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKGC 13 | 10.420 | 3.580 | 0.980 | 0.960 | 0.900 | 0.790 | 0.580 | 0.260 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKHC 13 | 2.260 | 0.220 | 0.890 | 0.770 | 0.480 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKVC 13 | 8.060 | 2.250 | 0.970 | 0.950 | 0.870 | 0.730 | 0.490 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRSVC 13 | 4.810 | 0.880 | 0.960 | 0.910 | 0.780 | 0.560 | 0.320 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRWGC 13 | 6.680 | 1.600 | 0.970 | 0.940 | 0.840 | 0.680 | 0.440 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRBGS 14 | 0.200 | 0.000 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRDHS 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCGS 14 | 0.150 | 0.000 | 0.090 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCHS 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKGS 14 | 0.200 | 0.000 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKHS 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRKVS 14 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRHVS 14 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPGS 14 | 0.200 | 0.000 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPHS 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPVS 14 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRQGS 14 | 0.200 | 0.000 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRQVS 14 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRGS 14 | 0.200 | 0.000 | 0.240 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRVS 14 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRSVS 14 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSVR

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VRWGS 14 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRDHC 15 | 0.310 | 0.000 | 0.390 | 0.130 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCGC 15 | 1.130 | 0.050 | 0.840 | 0.680 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRCHC 15 | 0.210 | 0.000 | 0.270 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRMVC 15 | 5.390 | 1.080 | 0.970 | 0.930 | 0.830 | 0.660 | 0.400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPGC 15 | 2.370 | 0.240 | 0.930 | 0.850 | 0.630 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPHC 15 | 0.460 | 0.000 | 0.480 | 0.300 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRPVC 15 | 2.140 | 0.190 | 0.920 | 0.830 | 0.590 | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRQGC 15 | 3.660 | 0.530 | 0.950 | 0.900 | 0.760 | 0.520 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRQVC 15 | 3.490 | 0.490 | 0.950 | 0.900 | 0.750 | 0.490 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRGC 15 | 5.540 | 1.140 | 0.970 | 0.940 | 0.840 | 0.680 | 0.420 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VRRVC 15 | 2.840 | 0.330 | 0.940 | 0.880 | 0.690 | 0.430 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

# ACTIVITY CODE: VW

# ON-SITE TRANSPORT FOR WATER MODE

Report for file CNSVW

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | VAPOR | LOG OF EVAPORATED QUANTITY(LB) WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VWKHS | 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VWKHS | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VWKHS | 3 | 3.230 | 0.000 | 0.000 | 0.549 | 0.523 | 0.549 | 0.523 | 120 | OP | 0.070 | 0.210 | 0.060 | 0.170 | 0.020 | 0.040 |
| VWKHF | 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VWKHS | 6 | 3.461 | 0.000 | 0.000 | 0.456 | 0.435 | 0.456 | 0.435 | 60 | OP | 0.060 | 0.190 | 0.050 | 0.150 | 0.010 | 0.040 |
| VWKHF | 7 | 0.000 | 0.000 | 1.929 | 0.000 | 0.000 | 1.929 | 1.929 | 20 | OP | 0.410 | 1.500 | 0.330 | 1.160 | 0.100 | 0.290 |
| VWKHS | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VWKHS | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VWKHS | 11 | 3.230 | 0.000 | 0.000 | 0.549 | 0.523 | 0.549 | 0.523 | 120 | OP | 0.070 | 0.210 | 0.060 | 0.170 | 0.020 | 0.040 |
| VWKHF | 13 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VWKHS | 14 | 3.230 | 0.000 | 0.000 | 0.549 | 0.523 | 0.549 | 0.523 | 120 | OP | 0.070 | 0.210 | 0.060 | 0.170 | 0.020 | 0.040 |

Report for file CNSVW

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VWKHS 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VWKHS 2 | `00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VWKHS 3 | 07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VWKHF 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VWKHS 6 | 0.06 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VWKHF 7 | 0.41 | 1.50 | 0.00 | 0.07 | 0.00 | 2.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| VWKHS 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VWKHS 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VWKHS 11 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VWKHF 13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VWKHS 14 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSVW

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VWKHS | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VWKHS | 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VWKHS | 3 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VWKHF | 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VWKHS | 6 | 0.06 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VWKHF | 7 | 0.41 | 1.50 | 0.00 | 0.41 | 0.00 | 83.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.16 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| VWKHS | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VWKHS | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VWKHS | 11 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VWKHF | 13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| VWKHS | 14 | 0.07 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSVW

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VWKHS 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VWKHS 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VWKHS 3 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VWKHF 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VWKHS 6 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VWKHF 7 | 0.410 | 0.000 | 0.490 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VWKHS 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VWKHS 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VWKHS 11 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VWKHF 13 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VWKHS 14 | 0.070 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSVW

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VWKHS 1 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VWKHS 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VWKHS 3 | 0.210 | 0.000 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VWKHF 5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VWKHS 6 | 0.190 | 0.000 | 0.230 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VWKHF 7 | 1.500 | 0.090 | 0.830 | 0.660 | 0.380 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VWKHS 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VWKHS 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VWKHS 11 | 0.210 | 0.000 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VWKHF 13 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| VWKHS 14 | 0.210 | 0.000 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

# ACTIVITY CODE: WB

# WATER TRANSPORTATION, BARGE SEGMENT

Report for file CNSWB

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | LOG OF EVAPORATED QUANTITY(LB) VAPOR | WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WBKHC 2 | 0.000 | 0.000 | 2.244 | 0.000 | 0.000 | 2.244 | 2.244 | 1440 | OP | 0.600 | 2.310 | 0.480 | 1.770 | 0.140 | 0.450 |
| WBKHF 4 | 0.000 | 0.000 | 2.230 | 0.000 | 0.000 | 2.230 | 2.230 | 60 | OP | 0.590 | 2.260 | 0.470 | 1.730 | 0.140 | 0.440 |
| WBKHC 6 | 0.000 | 0.000 | 1.943 | 0.000 | 0.000 | 1.943 | 1.943 | 1440 | OP | 0.410 | 1.530 | 0.330 | 1.180 | 0.100 | 0.300 |
| WBKHF 8 | 0.000 | 0.000 | 1.230 | 0.000 | 0.000 | 1.230 | 1.230 | 60 | OP | 0.170 | 0.570 | 0.140 | 0.450 | 0.040 | 0.110 |
| WBKHC 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WBKHC 12 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WBKHC 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WBKHF 16 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WBKHC 19 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WBKHC 20 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WBKHC 21 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WBKHC 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WBKHF 23 | 0.000 | 0.000 | 3.929 | 0.000 | 0.000 | 3.929 | 3.929 | 60 | OP | 4.350 | 23.760 | 3.540 | 17.710 | 1.160 | 4.860 |

Report for file CNSWB

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WBKHC 2 | 0.60 | 2.31 | 0.03 | 0.68 | 2.40 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| WBKHF 4 | 0.59 | 2.26 | 0.03 | 0.68 | 2.40 | 24.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 2.42 | 0.00 | 0.00 | 0.01 | 0.07 | 0.01 | 0.36 |
| WBKHC 6 | 0.41 | 1.53 | 0.00 | 0.07 | 0.00 | 2.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 |
| WBKHF 8 | 0.17 | 0.57 | 0.00 | 0.01 | 0.00 | 1.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WBKHC 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WBKHC 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WBKHC 14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WBKHF 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WBKHC 19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WBKHC 20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WBKHC 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WBKHC 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WBKHF 23 | 4.35 | 23.76 | 1.72 | 1072.78 | 54.36 | 4567.70 | 0.00 | 0.00 | 0.00 | 0.00 | 5.55 | 495.88 | 0.00 | 0.00 | 0.16 | 51.83 | 0.92 | 179.59 |

Report for file CNSWB

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WBKHC | 2 | 0.60 | 2.31 | 0.19 | 2.85 | 67.78 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| WBKHF | 4 | 0.59 | 2.26 | 0.19 | 2.85 | 67.78 | 275.88 | 0.00 | 0.00 | 0.00 | 0.00 | 1.61 | 20.08 | 0.00 | 0.00 | 0.04 | 0.17 | 0.07 | 1.80 |
| WBKHC | 6 | 0.41 | 1.53 | 0.00 | 0.41 | 0.00 | 83.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.16 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.26 |
| WBKHF | 8 | 0.17 | 0.57 | 0.00 | 0.19 | 0.00 | 43.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.33 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.04 |
| WBKHC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WBKHC | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WBKHC | 14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WBKHF | 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WBKHC | 19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WBKHC | 20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WBKHC | 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WBKHC | 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WBKHF | 23 | 4.35 | 23.76 | 5.82 | 4986.01 | 538.65 | 42006.8 | 0.00 | 0.00 | 0.00 | 0.00 | 24.90 | 5359.40 | 0.00 | 0.00 | 0.26 | 1072.28 | 3.21 | 2524.63 |

Report for file CNSWB

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WBKHC 2 | 0.600 | 0.010 | 0.650 | 0.420 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WBKHF 4 | 0.590 | 0.010 | 0.640 | 0.410 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WBKHC 6 | 0.410 | 0.000 | 0.500 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WBKHF 8 | 0.170 | 0.000 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WBKHC 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WBKHC 12 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WBKHC 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WBKHF 16 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WBKHC 19 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WBKHC 20 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WBKHC 21 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WBKHC 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WBKHF 23 | 4.350 | 1.360 | 0.960 | 0.910 | 0.780 | 0.570 | 0.330 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Report for file CNSWB

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WBKHC 2 | 2.310 | 0.220 | 0.890 | 0.780 | 0.480 | 0.300 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WBKHF 4 | 2.260 | 0.220 | 0.890 | 0.770 | 0.480 | 0.290 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WBKHC 6 | 1.530 | 0.100 | 0.830 | 0.660 | 0.390 | 0.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WBKHF 8 | 0.570 | 0.000 | 0.540 | 0.370 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WBKHC 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WBKHC 12 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WBKHC 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WBKHF 16 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WBKHC 19 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WBKHC 20 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WBKHC 21 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WBKHC 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WBKHF 23 | 23.760 | 15.830 | 0.990 | 0.980 | 0.950 | 0.900 | 0.790 | 0.490 | 0.300 | 0.010 | 0.000 | 0.000 |

# ACTIVITY CODE: WC

# WATER TRANSPORTATION, COASTAL SEGMENT

Report for file CNSWC

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | LOG OF EVAPORATED QUANTITY(LB) VAPOR | WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WCKHC | 1 | 0.000 | 0.000 | 3.089 | 0.000 | 0.000 | 3.089 | 3.089 | 1440 | OP | 1.640 | 7.400 | 1.330 | 5.540 | 0.410 | 1.480 |
| WCKHC | 2 | 0.000 | 0.000 | 3.089 | 0.000 | 0.000 | 3.089 | 3.089 | 1440 | OP | 1.640 | 7.400 | 1.330 | 5.540 | 0.410 | 1.480 |
| WCKHF | 3 | 0.000 | 0.000 | 3.076 | 0.000 | 0.000 | 3.076 | 3.076 | 60 | OP | 1.620 | 7.270 | 1.310 | 5.440 | 0.410 | 1.460 |
| WCKHF | 4 | 0.000 | 0.000 | 3.076 | 0.000 | 0.000 | 3.076 | 3.076 | 60 | OP | 1.620 | 7.270 | 1.310 | 5.440 | 0.410 | 1.460 |
| WCKHC | 5 | 0.000 | 0.000 | 2.846 | 0.000 | 0.000 | 2.846 | 2.846 | 1440 | OP | 1.230 | 5.290 | 1.000 | 3.980 | 0.310 | 1.050 |
| WCKHC | 6 | 0.000 | 0.000 | 2.846 | 0.000 | 0.000 | 2.846 | 2.846 | 1440 | OP | 1.230 | 5.290 | 1.000 | 3.980 | 0.310 | 1.050 |
| WCKHF | 7 | 0.000 | 0.000 | 2.833 | 0.000 | 0.000 | 2.833 | 2.833 | 60 | OP | 1.210 | 5.200 | 0.980 | 3.910 | 0.300 | 1.030 |
| WCKHF | 8 | 0.000 | 0.000 | 2.833 | 0.000 | 0.000 | 2.833 | 2.833 | 60 | OP | 1.210 | 5.200 | 0.980 | 3.910 | 0.300 | 1.030 |
| WCKHC | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHF | 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHF | 12 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHC | 13 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHC | 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHF | 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHF | 16 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHF | 17 | 0.000 | 0.000 | 1.929 | 0.000 | 0.000 | 1.929 | 1.929 | 60 | OP | 0.410 | 1.500 | 0.330 | 1.160 | 0.100 | 0.290 |
| WCKHF | 18 | 0.000 | 0.000 | 1.929 | 0.000 | 0.000 | 1.929 | 1.929 | 60 | OP | 0.410 | 1.500 | 0.330 | 1.160 | 0.100 | 0.290 |
| WCKHC | 19 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHC | 20 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHC | 21 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHC | 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHF | 23 | 0.000 | 0.000 | 4.782 | 0.000 | 0.000 | 4.782 | 4.782 | 60 | OP | 11.270 | 79.230 | 9.220 | 60.580 | 3.220 | 16.360 |

Report for file CNSWC

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WCKHC 1 | 1.64 | 7.40 | 0.00 | 0.00 | 0.13 | 11.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHC 2 | 1.64 | 7.40 | 0.00 | 0.00 | 0.13 | 11.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHF 3 | 1.62 | 7.27 | 0.00 | 0.00 | 0.13 | 11.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHF 4 | 1.62 | 7.27 | 0.00 | 0.00 | 0.13 | 11.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHC 5 | 1.23 | 5.29 | 0.00 | 0.00 | 0.13 | 11.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHC 6 | 1.23 | 5.29 | 0.00 | 0.00 | 0.13 | 11.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHF 7 | 1.21 | 5.20 | 0.00 | 0.00 | 0.13 | 11.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHF 8 | 1.21 | 5.20 | 0.00 | 0.00 | 0.13 | 11.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHC 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHC 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHF 11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHF 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHC 13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHC 14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHF 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHF 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHF 17 | 0.41 | 1.50 | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHF 18 | 0.41 | 1.50 | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHC 19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHC 20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHC 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHC 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHF 23 | 11.27 | 79.23 | 0.00 | 0.00 | 266.33 | 7738.87 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSWC

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WCKHC | 1 | 1.64 | 7.40 | 0.00 | 0.00 | 96.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHC | 2 | 1.64 | 7.40 | 0.00 | 0.00 | 96.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHF | 3 | 1.62 | 7.27 | 0.00 | 0.00 | 96.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHF | 4 | 1.62 | 7.27 | 0.00 | 0.00 | 96.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHC | 5 | 1.23 | 5.29 | 0.00 | 0.00 | 96.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHC | 6 | 1.23 | 5.29 | 0.00 | 0.00 | 96.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHF | 7 | 1.21 | 5.20 | 0.00 | 0.00 | 96.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHF | 8 | 1.21 | 5.20 | 0.00 | 0.00 | 96.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHC | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHF | 11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHF | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHC | 13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHC | 14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHF | 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHF | 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHF | 17 | 0.41 | 1.50 | 0.00 | 0.00 | 17.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHF | 18 | 0.41 | 1.50 | 0.00 | 0.00 | 17.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHC | 19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHC | 20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHC | 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHC | 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WCKHF | 23 | 11.27 | 79.23 | 0.00 | 0.00 | 587.05 | 52026.4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSWC

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WCKHC | 1 | 1.640 | 0.220 | 0.880 | 0.760 | 0.450 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHC | 2 | 1.640 | 0.220 | 0.880 | 0.760 | 0.450 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHF | 3 | 1.620 | 0.210 | 0.880 | 0.750 | 0.450 | 0.180 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHF | 4 | 1.620 | 0.210 | 0.880 | 0.750 | 0.450 | 0.180 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHC | 5 | 1.230 | 0.130 | 0.840 | 0.670 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHC | 6 | 1.230 | 0.130 | 0.840 | 0.670 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHF | 7 | 1.210 | 0.120 | 0.830 | 0.670 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHF | 8 | 1.210 | 0.120 | 0.830 | 0.670 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHC | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHF | 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHF | 12 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHC | 13 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHC | 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHF | 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHF | 16 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHF | 17 | 0.410 | 0.020 | 0.490 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHF | 18 | 0.410 | 0.020 | 0.490 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHC | 19 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHC | 20 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHC | 21 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHC | 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHF | 23 | 11.270 | 8.450 | 0.980 | 0.970 | 0.920 | 0.840 | 0.690 | 0.350 | 0.010 | 0.000 | 0.000 | 0.000 |

Report for file CNSWC

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WCKHC | 1 | 7.400 | 1.940 | 0.970 | 0.930 | 0.830 | 0.660 | 0.440 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHC | 2 | 7.400 | 1.940 | 0.970 | 0.930 | 0.830 | 0.660 | 0.440 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHF | 3 | 7.270 | 1.880 | 0.970 | 0.930 | 0.830 | 0.660 | 0.430 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHF | 4 | 7.270 | 1.880 | 0.970 | 0.930 | 0.830 | 0.660 | 0.430 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHC | 5 | 5.290 | 1.060 | 0.950 | 0.910 | 0.760 | 0.530 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHC | 6 | 5.290 | 1.060 | 0.950 | 0.910 | 0.760 | 0.530 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHF | 7 | 5.200 | 1.030 | 0.950 | 0.900 | 0.760 | 0.520 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHF | 8 | 5.200 | 1.030 | 0.950 | 0.900 | 0.760 | 0.520 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHC | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHF | 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHF | 12 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHC | 13 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHC | 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHF | 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHF | 16 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHF | 17 | 1.500 | 0.110 | 0.830 | 0.660 | 0.380 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHF | 18 | 1.500 | 0.110 | 0.830 | 0.660 | 0.380 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHC | 19 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHC | 20 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHC | 21 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHC | 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WCKHF | 23 | 79.230 | 138.520 | 1.000 | 0.990 | 0.980 | 0.970 | 0.940 | 0.850 | 0.690 | 0.460 | 0.130 | 0.000 |

# ACTIVITY CODE: WI

# WATER TRANSPORTATION
# INLAND WATERWAY SEGMENT

Report for file CNSWI

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | LOG OF EVAPORATED QUANTITY(LB) VAPOR | WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WIKHC | 1 | 0.000 | 0.000 | 3.089 | 0.000 | 0.000 | 3.089 | 3.089 | 1440 | OP | 1.640 | 7.400 | 1.330 | 5.540 | 0.410 | 1.480 |
| WIKHC | 2 | 0.000 | 0.000 | 3.089 | 0.000 | 0.000 | 3.089 | 3.089 | 1440 | OP | 1.640 | 7.400 | 1.330 | 5.540 | 0.410 | 1.480 |
| WIKHF | 3 | 0.000 | 0.000 | 3.076 | 0.000 | 0.000 | 3.076 | 3.076 | 60 | OP | 1.620 | 7.270 | 1.310 | 5.440 | 0.410 | 1.460 |
| WIKHF | 4 | 0.000 | 0.000 | 3.076 | 0.000 | 0.000 | 3.076 | 3.076 | 60 | OP | 1.620 | 7.270 | 1.310 | 5.440 | 0.410 | 1.460 |
| WIKHC | 5 | 0.000 | 0.000 | 2.846 | 0.000 | 0.000 | 2.846 | 2.846 | 1440 | OP | 1.230 | 5.290 | 1.000 | 3.980 | 0.310 | 1.050 |
| WIKHC | 6 | 0.000 | 0.000 | 2.846 | 0.000 | 0.000 | 2.846 | 2.846 | 1440 | OP | 1.230 | 5.290 | 1.000 | 3.980 | 0.310 | 1.050 |
| WIKHF | 7 | 0.000 | 0.000 | 2.833 | 0.000 | 0.000 | 2.833 | 2.833 | 60 | OP | 1.210 | 5.200 | 0.980 | 3.910 | 0.300 | 1.030 |
| WIKHF | 8 | 0.000 | 0.000 | 2.833 | 0.000 | 0.000 | 2.833 | 2.833 | 60 | OP | 1.210 | 5.200 | 0.980 | 3.910 | 0.300 | 1.030 |
| WIKHC | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHF | 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHF | 12 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHC | 13 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHC | 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHF | 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHF | 16 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHF | 17 | 0.000 | 0.000 | 1.929 | 0.000 | 0.000 | 1.929 | 1.929 | 60 | OP | 0.410 | 1.500 | 0.330 | 1.160 | 0.100 | 0.290 |
| WIKHF | 18 | 0.000 | 0.000 | 1.929 | 0.000 | 0.000 | 1.929 | 1.929 | 60 | OP | 0.410 | 1.500 | 0.330 | 1.160 | 0.100 | 0.290 |
| WIKHC | 19 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHC | 20 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHC | 21 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHC | 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHF | 23 | 0.000 | 0.000 | 4.782 | 0.000 | 0.000 | 4.782 | 4.782 | 60 | OP | 11.270 | 79.230 | 9.220 | 60.580 | 3.220 | 16.360 |

Report for file CNSWI

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
AVERAGE POPULATION DENSITY

| SCENARIO | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WIKNC 1 | 1.64 | 7.40 | 0.00 | 0.00 | 0.13 | 11.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKNC 2 | 1.64 | 7.40 | 0.00 | 0.00 | 0.13 | 11.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKNF 3 | 1.62 | 7.27 | 0.00 | 0.00 | 0.13 | 11.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKNF 4 | 1.62 | 7.27 | 0.00 | 0.00 | 0.13 | 11.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKNC 5 | 1.23 | 5.29 | 0.00 | 0.00 | 0.13 | 11.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKNC 6 | 1.23 | 5.29 | 0.00 | 0.00 | 0.13 | 11.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKNF 7 | 1.21 | 5.20 | 0.00 | 0.00 | 0.13 | 11.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKNF 8 | 1.21 | 5.20 | 0.00 | 0.00 | 0.13 | 11.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKNC 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKNC 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKNF 11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKNF 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKNC 13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKNC 14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKNF 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKNF 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKNF 17 | 0.41 | 1.50 | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKNF 18 | 0.41 | 1.50 | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKNC 19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKNC 20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKNC 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKNC 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKNF 23 | 11.27 | 79.23 | 0.00 | 0.00 | 266.33 | 7738.87 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSWI

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WIKHC | 1 | 1.64 | 7.40 | 0.00 | 0.00 | 96.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKHC | 2 | 1.64 | 7.40 | 0.00 | 0.00 | 96.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKHF | 3 | 1.62 | 7.27 | 0.00 | 0.00 | 96.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKHF | 4 | 1.62 | 7.27 | 0.00 | 0.00 | 96.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKHC | 5 | 1.23 | 5.29 | 0.00 | 0.00 | 96.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKHC | 6 | 1.23 | 5.29 | 0.00 | 0.00 | 96.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKHF | 7 | 1.21 | 5.20 | 0.00 | 0.00 | 96.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKHF | 8 | 1.21 | 5.20 | 0.00 | 0.00 | 96.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKHC | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKHC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKHF | 11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKHF | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKHC | 13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKHC | 14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKHF | 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKHF | 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKHF | 17 | 0.41 | 1.50 | 0.00 | 0.00 | 17.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKHF | 18 | 0.41 | 1.50 | 0.00 | 0.00 | 17.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKHC | 19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKHC | 20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKHC | 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKHC | 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WIKHF | 23 | 11.27 | 79.23 | 0.00 | 0.00 | 587.05 | 52026.4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSWI

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WIKHC | 1 | 1.640 | 0.220 | 0.880 | 0.760 | 0.450 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHC | 2 | 1.640 | 0.220 | 0.880 | 0.760 | 0.450 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHF | 3 | 1.620 | 0.210 | 0.880 | 0.750 | 0.450 | 0.180 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHF | 4 | 1.620 | 0.210 | 0.880 | 0.750 | 0.450 | 0.180 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHC | 5 | 1.230 | 0.130 | 0.840 | 0.670 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHC | 6 | 1.230 | 0.130 | 0.840 | 0.670 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHF | 7 | 1.210 | 0.120 | 0.830 | 0.670 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHF | 8 | 1.210 | 0.120 | 0.830 | 0.670 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHC | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHF | 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHF | 12 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHC | 13 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHC | 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHF | 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHF | 16 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHF | 17 | 0.410 | 0.020 | 0.490 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHF | 18 | 0.410 | 0.020 | 0.490 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHC | 19 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHC | 20 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHC | 21 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHC | 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHF | 23 | 11.270 | 8.450 | 0.980 | 0.970 | 0.920 | 0.840 | 0.690 | 0.350 | 0.010 | 0.000 | 0.000 | 0.000 |

Report for file CNSWI

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WIKHC | 1 | 7.400 | 1.940 | 0.970 | 0.930 | 0.830 | 0.660 | 0.440 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHC | 2 | 7.400 | 1.940 | 0.970 | 0.930 | 0.830 | 0.660 | 0.440 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHF | 3 | 7.270 | 1.880 | 0.970 | 0.930 | 0.830 | 0.660 | 0.430 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHF | 4 | 7.270 | 1.880 | 0.970 | 0.930 | 0.830 | 0.660 | 0.430 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHC | 5 | 5.290 | 1.060 | 0.950 | 0.910 | 0.760 | 0.530 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHC | 6 | 5.290 | 1.060 | 0.950 | 0.910 | 0.760 | 0.530 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHF | 7 | 5.200 | 1.030 | 0.950 | 0.900 | 0.760 | 0.520 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHF | 8 | 5.200 | 1.030 | 0.950 | 0.900 | 0.760 | 0.520 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHC | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHF | 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHF | 12 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHC | 13 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHC | 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHF | 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHF | 16 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHF | 17 | 1.500 | 0.110 | 0.830 | 0.660 | 0.380 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHF | 18 | 1.500 | 0.110 | 0.830 | 0.660 | 0.380 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHC | 19 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHC | 20 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHC | 21 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHC | 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WIKHF | 23 | 79.230 | 138.520 | 1.000 | 0.990 | 0.980 | 0.970 | 0.940 | 0.850 | 0.690 | 0.460 | 0.130 | 0.000 |

# ACTIVITY CODE: WS

# WATER TRANSPORTATION, OPEN SEA SEGMENT

Report for file CNSWS

CONSEQUENCE ESTIMATES
-AGENT RELEASE & HAZARD DISTANCE DATA-

| SCENARIO | | LOG OF RELEASE QUANTITY(LB) SPILL | DETONATION | LOG OF EVAPORATED QUANTITY(LB) VAPOR | WEATHER: ML | WC | LOG OF TOTAL QUANTITY RELEASED(LB) ML | WC | RELEASE TIME (MIN) | SURFACE | HAZARD DISTANCE(km): % DEATHS: 0 WEATHER: ML | 0 WC | 1 ML | 1 WC | 50 ML | 50 WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WSKHC | 1 | 0.000 | 0.000 | 3.089 | 0.000 | 0.000 | 3.089 | 3.089 | 1440 | OP | 1.640 | 7.400 | 1.330 | 5.540 | 0.410 | 1.480 |
| WSKHC | 2 | 0.000 | 0.000 | 3.089 | 0.000 | 0.000 | 3.089 | 3.089 | 1440 | OP | 1.640 | 7.400 | 1.330 | 5.540 | 0.410 | 1.480 |
| WSKHF | 3 | 0.000 | 0.000 | 3.076 | 0.000 | 0.000 | 3.076 | 3.076 | 60 | OP | 1.620 | 7.270 | 1.310 | 5.440 | 0.410 | 1.460 |
| WSKHF | 4 | 0.000 | 0.000 | 3.076 | 0.000 | 0.000 | 3.076 | 3.076 | 60 | OP | 1.620 | 7.270 | 1.310 | 5.440 | 0.410 | 1.460 |
| WSKHC | 5 | 0.000 | 0.000 | 2.846 | 0.000 | 0.000 | 2.846 | 2.846 | 1440 | OP | 1.230 | 5.290 | 1.000 | 3.980 | 0.310 | 1.050 |
| WSKHC | 6 | 0.000 | 0.000 | 2.846 | 0.000 | 0.000 | 2.846 | 2.846 | 1440 | OP | 1.230 | 5.290 | 1.000 | 3.980 | 0.310 | 1.050 |
| WSKHF | 7 | 0.000 | 0.000 | 2.833 | 0.000 | 0.000 | 2.833 | 2.833 | 60 | OP | 1.210 | 5.200 | 0.980 | 3.910 | 0.300 | 1.030 |
| WSKHF | 8 | 0.000 | 0.000 | 2.833 | 0.000 | 0.000 | 2.833 | 2.833 | 60 | OP | 1.210 | 5.200 | 0.980 | 3.910 | 0.300 | 1.030 |
| WSKHC | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHF | 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHF | 12 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHC | 13 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHC | 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHF | 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHF | 16 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHF | 17 | 0.000 | 0.000 | 1.929 | 0.000 | 0.000 | 1.929 | 1.929 | 60 | OP | 0.410 | 1.500 | 0.330 | 1.160 | 0.100 | 0.290 |
| WSKHF | 18 | 0.000 | 0.000 | 1.929 | 0.000 | 0.000 | 1.929 | 1.929 | 60 | OP | 0.410 | 1.500 | 0.330 | 1.160 | 0.100 | 0.290 |
| WSKHC | 19 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHC | 20 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHC | 21 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHC | 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0 | OP | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHF | 23 | 0.000 | 0.000 | 4.782 | 0.000 | 0.000 | 4.782 | 4.782 | 60 | OP | 11.270 | 79.230 | 9.220 | 60.580 | 3.220 | 16.360 |

Report for file CNSWS

CONSEQUENCE ESTIMATES
·POTENTIAL FATALITY ESTIMATES·
AVERAGE POPULATION DENSITY

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WSKHC | 1 | 1.64 | 7.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKHC | 2 | 1.64 | 7.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKHF | 3 | 1.62 | 7.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKHF | 4 | 1.62 | 7.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKHC | 5 | 1.23 | 5.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKHC | 6 | 1.23 | 5.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKHF | 7 | 1.21 | 5.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKHF | 8 | 1.21 | 5.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKHC | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKHC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKHF | 11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKHF | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKHC | 13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKHC | 14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKHF | 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKHF | 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKHF | 17 | 0.41 | 1.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKHF | 18 | 0.41 | 1.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKHC | 19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKHC | 20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKHC | 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKHC | 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKHF | 23 | 11.27 | 79.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSWS

CONSEQUENCE ESTIMATES
-POTENTIAL FATALITY ESTIMATES-
MAXIMUM POPULATION AND WORST CASE WIND DIRECTION

| SCENARIO | | HAZARD DISTANCE(km) ('NO-DEATHS') WEATHER: ML | WC | FATALITY ESTIMATES: SITE: ANAD ML | ANAD WC | APG ML | APG WC | LBAD ML | LBAD WC | NAAP ML | NAAP WC | PBA ML | PBA WC | PUDA ML | PUDA WC | TEAD ML | TEAD WC | UMDA ML | UMDA WC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WSKMC | 1 | 1.64 | 7.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKMC | 2 | 1.64 | 7.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKMF | 3 | 1.62 | 7.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKMF | 4 | 1.62 | 7.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKMC | 5 | 1.23 | 5.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKMC | 6 | 1.23 | 5.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKMF | 7 | 1.21 | 5.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKMF | 8 | 1.21 | 5.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKMC | 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKMC | 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKMF | 11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKMF | 12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKMC | 13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKMC | 14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKMF | 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKMF | 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKMF | 17 | 0.41 | 1.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKMF | 18 | 0.41 | 1.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKMC | 19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKMC | 20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKMC | 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKMC | 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WSKMF | 23 | 11.27 | 79.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Report for file CNSWS

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
MOST LIKELY WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE (km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WSKHC | 1 | 1.640 | 0.220 | 0.880 | 0.760 | 0.450 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHC | 2 | 1.640 | 0.220 | 0.880 | 0.760 | 0.450 | 0.190 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHF | 3 | 1.620 | 0.210 | 0.880 | 0.750 | 0.450 | 0.180 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHF | 4 | 1.620 | 0.210 | 0.880 | 0.750 | 0.450 | 0.180 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHC | 5 | 1.230 | 0.130 | 0.840 | 0.670 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHC | 6 | 1.230 | 0.130 | 0.840 | 0.670 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHF | 7 | 1.210 | 0.120 | 0.830 | 0.670 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHF | 8 | 1.210 | 0.120 | 0.830 | 0.670 | 0.360 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHC | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHF | 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHF | 12 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHC | 13 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHC | 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHF | 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHF | 16 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHF | 17 | 0.410 | 0.020 | 0.490 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHF | 18 | 0.410 | 0.020 | 0.490 | 0.280 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHC | 19 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHC | 20 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHC | 21 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHC | 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHF | 23 | 11.270 | 8.450 | 0.980 | 0.970 | 0.920 | 0.840 | 0.690 | 0.350 | 0.010 | 0.000 | 0.000 | 0.000 |

Report for file CNSWS

CONSEQUENCE ESTIMATES
-FATALITY RATE DATA-
WORST CASE WEATHER

| SCENARIO | | HAZARD DISTANCE ('NO-DEATHS') (km) | HAZARD ZONE AREA ('NO-DEATHS') (km^2) | FATALITY RATE AT DISTANCE(km) 0.1 | 0.2 | 0.5 | 1.0 | 2.0 | 5.0 | 10.0 | 20.0 | 50.0 | 100.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WSKHC | 1 | 7.400 | 1.940 | 0.970 | 0.930 | 0.830 | 0.660 | 0.440 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHC | 2 | 7.400 | 1.940 | 0.970 | 0.930 | 0.830 | 0.660 | 0.440 | 0.080 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHF | 3 | 7.270 | 1.880 | 0.970 | 0.930 | 0.830 | 0.660 | 0.430 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHF | 4 | 7.270 | 1.880 | 0.970 | 0.930 | 0.830 | 0.660 | 0.430 | 0.060 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHC | 5 | 5.290 | 1.060 | 0.950 | 0.910 | 0.760 | 0.530 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHC | 6 | 5.290 | 1.060 | 0.950 | 0.910 | 0.760 | 0.530 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHF | 7 | 5.200 | 1.030 | 0.950 | 0.900 | 0.760 | 0.520 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHF | 8 | 5.200 | 1.030 | 0.950 | 0.900 | 0.760 | 0.520 | 0.340 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHC | 9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHC | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHF | 11 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHF | 12 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHC | 13 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHC | 14 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHF | 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHF | 16 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHF | 17 | 1.500 | 0.110 | 0.830 | 0.660 | 0.380 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHF | 18 | 1.500 | 0.110 | 0.830 | 0.660 | 0.380 | 0.100 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHC | 19 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHC | 20 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHC | 21 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHC | 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| WSKHF | 23 | 79.230 | 138.520 | 1.000 | 0.990 | 0.980 | 0.970 | 0.940 | 0.850 | 0.690 | 0.460 | 0.130 | 0.000 |