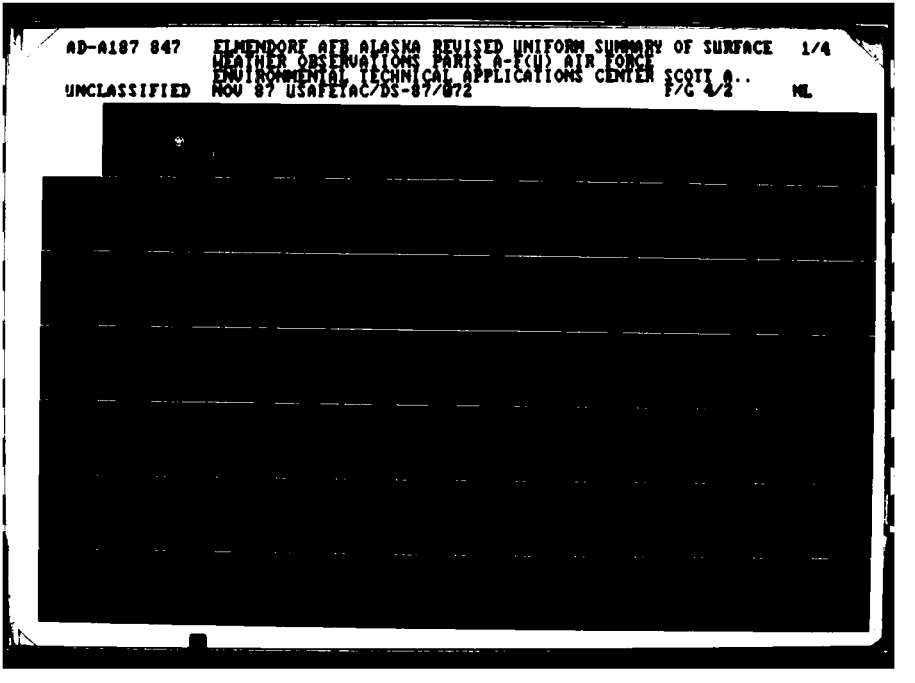
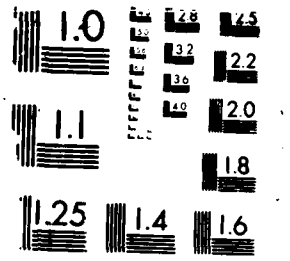

AD-A187 847 ELMENDORF AFB ALASKA REVISED UNIFORM SUMMARY OF SURFACE 1/4
WEATHER OBSERVATIONS PARIS A-F(U) AIR FORCE
ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A..
UNCLASSIFIED NOV 87 USAFETAC/DS-87/072 F/G 4/2 NL



MICROCOPY RESOLUTION TEST CHART

DTIC FILE COPY

USAR 702720 USAFETAC/DS-87/

AD-A187 847

OPERATING LOCATION - A
USAFETAC
Air Weather Service (MAC)



REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

ELMENDORF AFB AK MSC 702720
N 61 15 W 149 48 ELEV 213 FT PAED

PARTS A - F HOURS SUMMARIZED 0000 - 2300 LST

PERIOD OF RECORD:
HOURLY OBSERVATIONS: AUG 77 - JUL 87

SUMMARY OF DAY DATA: MAR 41 - JUL 87

NOV 19 1987

"Approved for public release;
Distribution Unlimted."

FEDERAL BUILDING
ASHEVILLE, N.C. 28801 - 2723

DTIC
ELECTE
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REPORT DOCUMENTATION PAGE

1a. **Report Security Classification:** UNCLASSIFIED

3. **Distribution/Availability of Report:** Approved for public release; Distribution unlimited.

4. **Performing Organization Report Number:** USAFETAC/DS-87/072.

5. **Monitoring Organization Report Number:** USAFETAC/DS-87/072.

6a. **Name of Performing Organization:** USAFETAC/OL-A
6b. **Office Symbol:**
6c. **Address:** Federal Building, Asheville, NC 28801-2723.

11 **Title:** (RUSSWO) Elmendorf AFB AK.

12 **Personal Author(s):**

13a **Type of Report:** Data Summary
13b **Time Covered:** Mar 41-Jul 87.

14 **Date of Report:** Nov 87

15 **Page Count:** 312

16 **Supplementary Notation:**

17 **COSATI Codes:** Field--04, Group--02

18 **Subject Terms:** *climatology; *weather; meteorological conditions; winds; precipitation; temperature; visibility; barometric pressure; relative humidity; sky cover; psychrometric data; ceiling; Revised Uniform Summary of Surface Weather Observations (RUSSWO); Elmendorf AFB AK; Alaska; USAK702720.

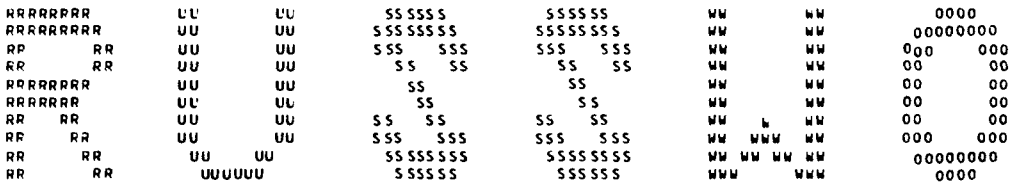
19 **Abstract:** A six-part statistical data summary of surface weather observations for: Elmendorf AFB AK. Summary consists of: PART A, Weather Conditions and Atmospheric Phenomena; PART B, Precipitation; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; PART F, Pressure Summaries. See USAFETAC/TN-83/001 (ADA132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWO) for complete description of contents and instructions for use.

20 **Distribution/Availability of Abstract:** Same as report.

21 **Abstract Security Classification:** UNCLASSIFIED.

22a **Name of Responsible Individual:** Marianne L. Cavanaugh
22b **Telephone:** (618)256-2625
22c **Office Symbol:** USAFETAC/LDD

DD FORM 1473UNCLASSIFIED



STATION NAME : ELMENDORF AFB AK

STATION NUMBER: 702720

CALL ID: PAED

PERIOD OF RECORD:

HOURLY OBSERVATIONS: AUG 77 - JUL 87

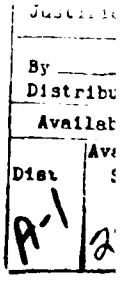
HOURS SUMMARIZED: 0000-2300 LST

SUMMARY OF DAY DATA: MAR 43 - JUL 87

TIME CONVERSION LST TO GMT: +9

DATE PRODUCED: 12 NOV 1987





OL-A/USAFETAC/MAC/AWS
ASHEVILLE NC 28801

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS: ALL RECORD OR RECORD SPECIAL OBSERVATIONS RECORDED ON THE AWS FORMS 10/10A AT SCHEDULED HO
INTERVALS.

SUMMARY OF DAY DATA (DAILY OBSERVATIONS): DATA COMPILED FROM ALL AVAILABLE OBSERVATIONS WHICH INCLUDES HOURLY
OBSERVATIONS AND DAILY DATA RECORDED IN COLUMNS 66-73, AWS FORMS 10/10A.

DESCRIPTION OF SUMMARIES: PRECEEDING EACH PART OF THE RUSSWO IS A BRIEF DISCUSSION OF THE SUMMARY INCLUDING THE
MANNER OF PRESENTATION.

STANDARD 3-HOUR TIME GROUPS: IN ALL SUMMARIES SHOWING DIURNAL VARIATIONS, WE SUMMARIZE DATA USING THE
FOLLOWING EIGHT 3-HOUR TIME PERIODS IN LOCAL STANDARD TIME: 0000-0200, 0300-0500, 0600-0800, 0900-1100,
1200-1400, 1500-1700, 1800-2000, 2100-2300 LST.

FOR A DETAILED DESCRIPTION OF EACH SUMMARY WITH EXAMPLES AND EXERCISES ON ITS USAGE, SEE USAFETAC/TN-81-001, "AN
AID FOR USING THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS" (RUSSWO).

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PART C: SURFACE WIND SUMMARIES

PART D: CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

PART E: TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

PART F: PRESSURE SUMMARIES

AWSMSC NUMBER: THIS NUMBER IS THE AIR WEATHER SERVICE MASTER STATION CATALOG NUMBER. THIS NUMBER IS COMPRISED O
THE WMO NUMBER WITH THE ADDITION OF A SUFFIX (0 THROUGH 9). IN CASES WHERE THERE IS NO DESIGNATED WMO NUMB
A 5-DIGIT NUMBER IS CREATED IN AGREEMENT WITH WMO RULES PLUS A SIXTH DIGIT. THESE NUMBERS ARE ALSO REFERRE
AS DATSAV OR USAFETAC NUMBERS WHICH UNIQUELY IDENTIFY MORE THAN 15,000 REPORTING STATIONS WORLD WIDE.

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN
702720	ELMENDORF AFB ALASKA/ANCHORAGE	N 61 15	W 149 48	213	PAED

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL	
			FROM	TO			FIELD (FT)	HT. BARO.
1.	Elmendorf Alaska	AAF	Mar41	Dec43	N61 12	W149 46	UNK	189
2.	SAME	Same	Jan44	May48	N61 14	W149 52	179	192
3.	SAME	AFB	Jun48	Mar50	Same	Same	Same	Same
4.	SAME	Same	Mar50	Oct53	N61 15	W149 48	212	Same
5.	SAME	Same	Apr56	Mar61	Same	Same	Same	258
6.	SAME	Same	Mar61	May 76	Same	Same	Same	176
7.	Same	Same	Jun 76	Dec 83	Same	Same	213	205
8.	Same	Same	Jan 84	Jul 87	Same	Same	Same	205

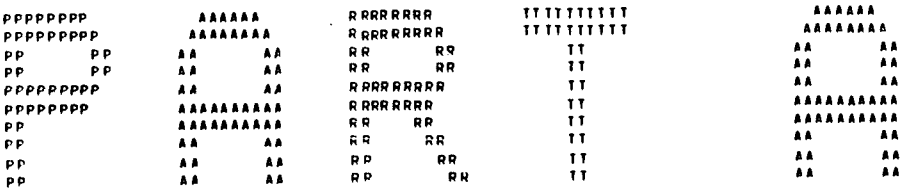
NOTE: WEATHER MODIFICATION CONDUCTED (WINTER 67 - 68, 68 - 69, 72 - 73) (REF AWSTR - 74 - 247)

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REAS
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1.	Mar41	Not Available	Anemometer	UNK	UNK	Wind Recorder charts beg
2.	Jun48	Not Available	Selsyn	UNK	UNK	
3.	Mar53	Located on top of Hanger	AN/GMQ-1	ML-144	45ft	
4.	Apr56	Located on top of Hanger	Selsyn	ML-144	80ft	
5.	Oct58	SAME	AN/GMQ-1	None	Same	
6.	Feb61	Located adjacent and 400ft S of touchdown area of Rnwy 05	AN/GMQ-11	RO-2	13ft	
7.	Apr69	SAME	Same	RO 362	Same	

CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
8.	Jan'71	Dual Instrumented 1. Located 1500ft N of end of Rnwy 23, and 500ft E of the Centerline	AN/GMQ-20	Same	Same	
		2. Located 1010ft S of the end of Rnwy 05, and 400ft W of the Centerline.	Same		Same	
9.	May 76	SAME 1&2	Same 1&2	Same	Same 1&2	
10.	Dec 83	No Change				

MAC -6 AFB, IN 00 0070



WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

WEATHER CONDITIONS SUMMARY

1. A PERCENTAGE FREQUENCY OCCURRENCE SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON HOURLY OBSERVATIONS.
3. SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

ATMOSPHERIC PHENOMENA SUMMARY

1. A PERCENTAGE FREQUENCY OF DAYS SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON SUMMARY OF DAY DATA.
3. SUMMARIZED BY MONTH WITH ALL HOURS AND ALL YEARS COMBINED.

DEFINITIONS:

THUNDERSTORMS: ALL REPORTED THUNDERSTORMS, TORNADOES AND WATERSPOUTS.

RAIN AND/OR DRIZZLE: ALL REPORTED RAIN AND OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING RAIN AND/OR FREEZING DRIZZLE (GLAZE): ALL REPORTED FREEZING RAIN OR FREEZING DRIZZLE.

SNOW AND/OR SLEET. SNOW INCLUDING SNOW PELLETS AND GRAINS, ICE CRYSTALS AND PELLETS. AND/OR SLEET (ICE PELL

HAIL: ALL REPORTED HAIL.

ALL PRECIPITATION: THIS CATEGORY INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE OF PRECIPITATION MAY APPEAR IN A SINGLE OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL COLUM EXCEED THE PERCENTAGES IN THIS COLUMN.

FOG: ALL REPORTED FOG, ICE FOG AND GROUND FOG.

SMOKE AND/OR HAZE: ALL REPORTED SMOKE, HAZE AND ANY COMBINATION THEREOF.

BLOWING SNOW: ALL REPORTED BLOWING SNOWS INCLUDING DRIFTING WHEN REPORTED.

DUST AND/OR SAND: ALL REPORTED DUST, SAND, BLOWING DUST, BLOWING SAND AND ANY COMBINATION THEREOF. THE ATMOSPHERIC PHENOMENA SUMMARY (DAYS WITH) INCLUDES ONLY THOSE REPORTS WHEN THE PHENOMENA VISIBILITY LESS THAN 5/8 MILES (1000 METERS).

ALL OBSTRUCTIONS TO VISION: INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION (FOG THRU DUST/SAND) AND BLOWING SPRAY. BECAUSE MORE THAN ONE PHENOMENA PER OBSERVATION MAY OCCUR, THE SUM OF THE INDIVIDUAL COLUMNS MAY EXCEED THIS COLUMN.

NOTES:

1. A VALUE IN THE TABLES OF ".0" INDICATES LESS THAN .05% OCCURRENCE WHICH IS USUALLY ONLY ONE OCCURRENCE

2. METAR STATIONS (BEGINNING IN JAN 1968) AND SYNOPTIC REPORTING STATIONS RECORDED ON THE AWS FORMS 10/10A AND TRANSMITTED LONGLINE ONLY THE HIGHEST ORDER OF ATMOSPHERIC PHENOMENA OBSERVED. BEGINNING IN JAN 1970, METAR STATIONS RECORDED ALL OBSERVED PHENOMENA BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE OBSERVATION CONTAINED RAIN, FOG AND SMOKE, ALL THREE WILL APPEAR ON THE AWS FORMS 10/10A, BUT ONLY THE RAIN WAS TRANSMITTED LONGLINE. THEREFORE ONLY THE RAIN APPEARS IN OUR DATA BASE FOR HOURLY SUMMARIZATION. THIS PRACTICE EFFECTS THE PERCENTAGES IN THE TABLES.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 78-87
MONTH: JAN

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		3.1	.5	8.7		11.8	7.2				7.2	930
03-05		3.4	.9	10.6		14.2	9.1				9.1	930
06-08		3.1	1.6	10.5		15.1	9.6				9.6	930
09-11		2.3	1.5	9.9		13.2	9.6				9.6	930
12-14		2.3	1.2	12.5		15.2	9.7	.1			9.8	930
15-17		1.9	1.2	11.0		13.7	8.3		.1		8.4	930
18-20		2.2	1.2	9.0		11.5	8.2		.1		8.3	930
21-23		2.9	.5	10.5		13.5	7.2		.6		7.8	930
TOTALS		2.7	1.1	10.3		13.5	8.6	.0	.1		8.7	7440

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 78-87
MONTH: FEB

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		1.2	.5	10.5		11.9	9.8				9.8	846
03-05		2.4	.5	11.3		14.1	10.0		.2		10.3	846
06-08		2.8	.4	11.3		14.2	10.3		.2		10.5	846
09-11		2.7	.1	12.4		15.0	11.7				11.7	846
12-14		1.8		11.8		13.5	6.5	.1	.4		7.0	846
15-17		2.6		11.2		13.5	5.4	.2	.1		5.6	846
18-20		2.2		10.3		12.5	7.6				7.6	846
21-23		1.9	.2	10.2		11.8	7.7				7.7	846
TOTALS		2.2	.2	11.1		13.3	8.6	.0	.1		8.8	6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		2.6		8.0		9.6	1.9				1.9	930
03-05		1.5	.1	7.8		8.9	2.2				2.2	930
06-08		1.2		7.8		8.8	3.9				3.9	930
09-11		.9		9.5		10.3	3.9	.2			4.1	930
12-14		1.1		7.6		8.7	2.2	.3			2.5	930
15-17		1.4		7.7	.1	9.1	1.6	.3		.1	2.0	930
18-20		1.6		6.5		8.0	2.5	.1			2.6	930
21-23		1.7		6.9		8.1	2.7				2.7	930
TOTALS		1.4	.0	7.7	.0	8.9	2.6	.1		.0	2.7	7440

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		4.0		6.0		9.3	1.3				1.3	900
03-05		3.6		7.7		10.4	2.0				2.0	900
06-08		3.3		9.3		11.6	4.9				4.9	900
09-11		1.9		7.6		8.6	1.2				1.2	900
12-14		3.0		5.9		8.2	1.0				1.0	900
15-17		3.4		5.4	.1	6.3	1.6				1.6	900
18-20		3.1		4.4	.2	7.2	2.9				2.9	900
21-23		1.3		4.7		5.8	2.6	.1			2.7	900
TOTALS		3.0		6.4	.3	8.7	2.2	.0			2.2	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 78-87
MONTH: MAY

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		8.9		.2		8.9	.5				.5	930
03-05		8.0		.2		8.1	.5				.5	930
06-08		7.0				7.0	.8				.8	930
09-11		5.7		.2		5.7	.4				.4	930
12-14		7.5		.6	.1	7.6	.2				.2	930
15-17		8.1		.1		8.1	.1				.1	930
18-20	.2	7.6		.1		8.0	.3	.2			.3	930
21-23		8.4		.3		8.4	.6	.1			.6	930
TOTALS	.0	7.7		.2	.0	7.8	.4	.0			.4	7440

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 78-87
MONTH: JUN

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		12.4				12.4	.4				.4	900
03-05		13.2				13.2	1.0				1.0	900
06-08		13.0				13.0	1.3				1.3	900
09-11		11.7				11.7	.7				.7	900
12-14		13.7				13.7	.1				.1	900
15-17	.2	13.4				13.2						900
18-20	.1	10.6				10.8	.1			.1	.2	900
21-23	.1	9.6				9.8	.3				.3	900
TOTALS	.1	12.4				12.2	.5			.0	.5	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 78-87
MONTH: JUL

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		18.0				18.0	1.4				1.4	930
03-05		18.3				18.3	3.1				3.1	930
06-08		19.4				19.4	5.1				5.1	930
09-11		19.6				19.6	2.6				2.6	930
12-14		17.5				17.5	.9				.9	930
15-17		18.8				18.8	1.3				1.3	927
18-20	.1	17.0				17.0	1.7				1.7	927
21-23		17.5				17.5	1.3				1.3	927
TOTALS	.0	18.3				18.3	2.2				2.2	7431

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 77-86
MONTH: AUG

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		18.3				18.3	1.8	.1			1.8	930
03-05		18.6				18.6	3.5	.1			3.5	930
06-08		16.6				16.6	5.6	.2			5.6	930
09-11		15.1				15.1	3.1	.1			3.1	930
12-14		16.7				16.7	2.2	.3			2.2	930
15-17	.1	14.7				14.7	1.4	.5			1.6	930
18-20		16.5				16.5	1.3	.6			1.6	930
21-23	.1	18.4				18.4	1.5	.4			1.7	930
TOTALS	.0	16.9				16.9	2.6	.3			2.6	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		18.9		.4		19.3	2.3				2.3	900
03-05		18.0		.3		18.3	2.7				2.7	900
06-08		17.8		.7		18.3	5.9	.2			5.9	900
09-11		16.4		.4		16.8	4.0	.2			4.0	900
12-14		16.2				16.2	1.6				1.6	900
15-17	.1	16.2			.2	16.3	2.1				2.1	900
18-20		19.1		.1		19.1	1.7				1.7	900
21-23		19.2				19.2	1.6				1.6	900
TOTALS	.0	17.7		.2	.0	17.9	2.7	.1			2.7	7200

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		11.3	.8	7.5		18.9	6.3				6.3	930
03-05		10.6	.5	6.9		17.3	6.5				6.5	930
06-08		10.0	.1	9.6		18.3	8.2				8.2	930
09-11		8.6		11.4		19.2	8.3				8.3	930
12-14		10.5	.2	10.6		20.2	5.8				5.8	930
15-17		12.4		8.7		19.9	5.9				5.9	930
18-20		14.6		6.5		19.6	7.0				7.0	930
21-23		12.3	.4	8.1		20.0	7.5				7.5	930
TOTALS		11.2	.3	8.7		19.2	6.9				6.9	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		3.9	.7	9.9		14.2	10.6	.1			10.7	900
03-05		3.9	.1	10.2		13.9	14.2				14.2	900
06-08		3.6	.7	12.8		16.7	14.8				14.8	900
09-11		4.8	.3	13.2		17.8	15.6	.1	.3		15.9	900
12-14		4.9		13.1		17.8	9.1		.3		9.4	900
15-17		3.7	.2	10.3		14.0	8.0				8.0	900
18-20		4.6	.9	10.6		15.1	8.4				8.4	900
21-23		3.1	.6	11.0		14.3	9.0				9.0	900
TOTALS		4.1	.5	11.4		15.5	11.2	.0	.1		11.3	7200

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		3.5	.9	14.1		17.5	10.9		.1		11.0	930
03-05		2.2	1.3	14.5		17.5	11.3				11.3	930
06-08		1.6	.9	15.2		17.6	10.1		.1		10.2	930
09-11		1.7	.8	12.9		14.8	13.8				13.8	930
12-14		3.0	.5	14.7		17.6	11.6				11.6	930
15-17		1.9	.3	14.0		15.8	9.7				9.7	930
18-20		2.4	.9	15.2		17.6	12.2				12.2	930
21-23		2.7	.5	14.3		17.2	11.7		.3		12.0	930
TOTALS		2.4	.8	14.4		17.0	11.4		.1		11.5	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-87
MONTH: ALL

	HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
JAN	ALL		2.7	1.1	10.3		13.5	8.6	.0	.1		8.7	7440
FEB			2.2	.2	11.1		13.3	8.6	.0	.1		8.8	6768
MAR			1.4	.0	7.7	.0	8.9	2.6	.1		.0	2.7	7440
APR			3.0		6.4	.0	8.7	2.2	.0			2.2	7200
MAY		.0	7.7		.2	.0	7.8	.4	.0			.4	7440
JUN		.1	12.2				12.2	.5			.0	.5	7200
JUL		.0	18.3				18.3	2.2				2.2	7431
AUG		.0	16.9				16.9	2.6	.3			2.6	7440
SEP		.0	17.7		.2	.0	17.9	2.7	.1			2.7	7200
OCT			11.2	.3	8.7		19.2	6.9				6.9	7440
NOV			4.1	.5	11.4		15.5	11.2	.0	.1		11.3	7200
DEC			2.4	.8	14.4		17.0	11.4		.1		11.5	7440
	TOTALS	.0	8.3	.2	5.9	.0	14.1	5.0	.0	.0	.0	5.0	87639

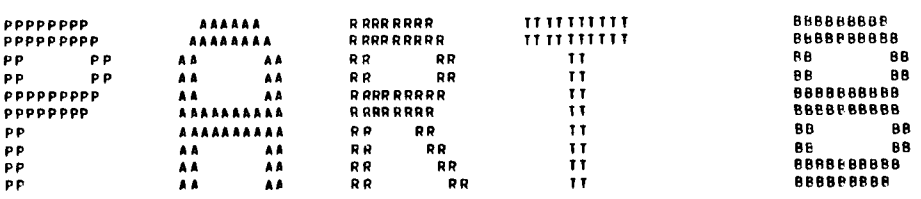
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 49-87
MONTH: ALL

MONTH	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
JAN		14.5	6.1	51.0		55.9	39.7	2.2	1.6		41.1	1208
FEB		11.7	2.9	49.5		53.1	34.6	.9	1.6		35.7	1101
MAR		11.2	1.1	40.0		43.8	16.9	1.0	.7		17.4	1209
APR	.2	22.7	.5	32.6	.2	43.7	15.0	.9	.2		15.4	1170
MAY	.4	51.3		4.9	.4	52.2	5.4	.3			5.5	1209
JUN	1.0	58.0			.2	58.0	5.9	.4			6.3	1170
JUL	1.3	61.1				61.1	13.6	1.5		.3	14.6	1209
AUG	.8	64.6		.1		64.6	17.2	.8			17.6	1177
SEP	.6	63.6		2.3	.2	64.4	20.0	.6			20.4	1140
OCT	.1	41.4	1.9	30.6	.1	57.6	27.6	.3	.2		27.8	1178
NOV		21.4	4.9	47.5	.1	56.8	35.8	1.8	1.1		37.0	1140
DEC		14.4	5.9	60.3		63.8	45.0	1.4	2.4		46.7	1178
TOTALS	.4	36.3	1.9	26.6	.1	56.2	23.1	1.0	.7	.0	23.8	14089


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PRECIPITATION, SNOWFALL AND SNOW DEPTH SUMMARIES

PERCENTAGE FREQUENCY OF VARIOUS DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES:

THESE SUMMARIES DERIVE FROM SUMMARY OF DAY DATA.

DATA IS SUMMARIZED MONTHLY AND ANNUALLY WITH ALL YEARS COMBINED.

DISPLAYED ARE: PERCENT OF DAYS WITH MEASURABLE AMOUNTS, A PERCENT OF DAYS WITH NO AMOUNTS, TRACES, GIVEN AMOUN
MEANS, GREATEST AMOUNTS AND LEAST AMOUNTS (THE STATISTICAL VALUES ARE NOT INCLUDED IN THE SNOW
DEPTH SUMMARY BECAUSE OF THEIR DOUBTFUL AND LIMITED VALUE).

ALSO PROVIDED ARE THE OBSERVATION COUNTS.

A VALUE OF ".0" IN THESE TABLES INDICATES LESS THAN .05% WHICH USUALLY INDICATES ONLY ONE OCCURRENCE.

EXTREME DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA

PRESENTED ARE THE EXTREME DAILY AMOUNTS OF PRECIPITATION, SNOWFALL AND SNOW DEPTH BY INDIVIDUAL MONTH AND YEAR.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATIONS COUNTS.

AN ASTERISK "*" PRINTED IN THE TABLES INDICATES THAT THE EXTREME VALUE FOR THAT YEAR AND MONTH
DERIVES FROM AN INCOMPLETE MONTH (AT LEAST ONE DAY OF THE MONTH IS MISSING).

WHEN A MONTH HAS VALID OBSERVATIONS REPORTED BUT NO OCCURRENCES, ZEROS ARE DISPLAYED IN THE TABLES:

EXTREME DAILY PRECIPITATION:	".00"	EQUALS NONE FOR THE MONTH (HUNDREDTHS)
EXTREME DAILY SNOWFALL:	".0"	EQUALS NONE FOR THE MONTH (TENTHS)
EXTREME DAILY SNOW DEPTH:	"0"	EQUALS NONE FOR THE MONTH (WHOLE INCHES)

TOTAL MONTHLY AMOUNTS OF PRECIPITATION AND SNOWFALL SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

DATA PRESENTED BY YEAR AND MONTH.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

AN ASTERISK "*" IN THE TABLES INDICATES THAT ONE OR MORE DAYS WERE MISSING FOR THE MONTH.

NO OCCURRENCES FOR THE MONTH ARE INDICATED BY ZEROS.

IF THE AMOUNT IS A TRACE, THEN "TRACE" IS PRINTED IN THE TABLES.

STATISTICAL VALUES DO NOT INCLUDE MEASUREMENTS FROM INCOMPLETE MONTHS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 41-87

AMOUNTS IN INCHES

MONTH	NONE	TRACE	.01	.02 TO .05	.06 TO .10	.11 TO .25	.26 TO .50	.51 TO 1.00	1.01 TO 2.50	2.51 TO 5.00	5.01 TO 10.00	10.01 TO 20.00	OVER 20.00	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNT MEAN	MONTHLY AMOUNT GREATEST
JAN	42.2	30.8	4.2	8.8	5.1	6.3	1.7	.7	.1					27.3	1395	.92	2.60
FEB	46.4	27.1	3.7	8.7	4.8	5.7	2.8	.7	.1					26.5	1270	.89	2.93
MAR	54.3	22.9	4.4	7.0	4.4	4.9	1.7	.4	.2					22.9	1417	.82	3.03
APR	58.2	22.3	2.9	6.7	3.5	4.6	1.6	.3						19.6	1379	.60	2.96
MAY	47.6	33.7	3.7	5.8	4.0	3.4	1.3	.3						18.6	1421	.55	2.00
JUN	43.4	29.3	3.2	8.2	5.4	6.1	2.9	1.4	.1					27.4	1391	1.14	3.72
JUL	39.4	22.5	4.6	8.8	6.5	9.3	6.2	2.1	.5					38.1	1402	2.08	4.94
AUG	35.6	20.4	4.4	11.1	8.2	11.2	6.2	2.6	.3					44.3	1370	2.30	5.03
SEP	35.8	18.5	4.4	11.4	8.4	11.5	5.8	3.5	.8					45.7	1323	2.55	6.41
OCT	41.4	22.5	4.9	9.7	6.6	8.1	4.9	1.8	.1					36.2	1358	1.68	3.39
NOV	42.7	33.6	3.3	8.3	4.6	6.4	2.7	1.1	.2					26.7	1320	1.12	2.93
DEC	36.5	31.4	3.9	9.7	5.4	8.2	3.7	.9	.2					32.1	1395	1.32	3.63
ANN	43.6	26.0	4.0	8.7	5.6	7.1	3.5	1.3	.2					30.4	16491	15.97	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 41-P7

24 HOUR AMOUNTS IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AL MONTI
41			*.18	*.48	.20	.80	.41	.11	.30	*.59	1.10	.30	
42	.10	.26	.15	.25	.05	.20							
43						*.00	*.00	*.00	*.00			1.04	
44	.77	*.31	.18	.11	*.19	.14	.51	.76	.77	*.40	.20	.47	.
45	.13	.63	1.90	.24	.42	.33	.49	.84	.56	.35	.41	.13	1.
46	.29	.66	.30	.60	.42	.15	1.18	.42	.35	.47	.52	.60	1.
47	.23	.45	.07	.01	.08	.08	.53	.77	1.34	.36	.22	.42	1.
48	.15	.24	.27	.01	TRACE	.14	.72	.45	1.00	.77	.50	.32	1.
49	.32	.36	.48	.26	.19	.67	.30	.42	.53	.50	.38	.68	.
50	1.12	TRACE	.50	.08	TRACE	.77	.39	.21	.25	.17	.05	.60	1.
51	.15	.27	.40	.15	TRACE	.47	.64	.73	1.52	.43	.06	.58	1.
52	.54	.14	.40	.35	.03	.06	.44	.58	.67	1.09	.50	.45	1.
53	.15	.38	.29	.16	.41	.15	.78	.85	.52	.29	.36	.36	.
54	.37	.14	.34	.03	.70	.41	.49	.45	.41	.70	.41	.63	.
55	.30	.70	.19	.35	*.01	*.32	.54	1.39	.61	.51	.25	1.36	1.
56	.32	1.38	.19	.33	.15	.23	1.60	.61	.47	.95	.67	.64	1.
57	.68	.46	.16	.02	.01	.21	.85	.70	.70	.41	.54	.28	.
58	.57	.15	.17	.07	.27	.77	1.42	.63	.22	.81	.84	.52	1.
59	.21	.63	1.26	.41	.20	.29	.64	.88	.49	.37	.35	.61	1.
60	.38	.26	.45	.22	.24	.10	.47	1.56	1.22	.10	.50	.47	1.
61	.83	.30	.31	.54	.35	.28	.53	.58	1.47	.61	.78	.39	1.
62	.69	.85	.51	.25	.40	1.31	.12	.78	.54	.35	.12	.24	1.
63	.71	.85	.25	.83	.30	.30	.71	.68	.19	.18	.24	.31	.
64	.20	.19	.45	.14	.41	.51	.44	.43	.24	.76	1.58	.52	1.
65	1.16	.52	.45	.11	.30	.54	.70	.60	.71	.61	.36	.75	1.
66	.20	.28	.16	.16	.07	.11	.08	.58	.93	.52	.23	.14	.
67	.34	.26	.25	.10	.50	.30	.49	.60	1.08	.51	.66	.34	1.
68	.23	.47	.07	.32	.44	.22	.66	.23	.34	.52	.25	.10	.
69	.41	.29	.15	.23	.72	.33	1.61	.18	.09	.41	.07	.20	1.
70	.32	.12	.32	.15	.33	.31	.40	.33	.25	.25	.30	.36	.

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE...

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 41-87

24 HOUR AMOUNTS IN INCHES

-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
71	.21	.41	.46	.12	.17	.12	1.01	1.10	.55	.52	.20	.27	1.10
72	.15	.34	.23	.17	.36	.33	.35	.66	.73	.62	.29	.38	.73
73	.28	.04	.17	.16	.04	.24	.29	.73	.33	.30	.23	.29	.73
74	.02	.18	.16	.30	.19	.32	.55	.32	.83	.38	.23	.45	.83
75	.06	.18	.15	.45	.05	.18	.51	.35	1.25	.50	.18	.24	1.25
76	.21	.10	.52	.15	.04	.51	.12	.34	.95	.19	.68	.27	.95
77	.28	.21	.14	.49	.13	.29	1.29	.81	1.19	.37	.75	.43	1.29
78	.16	.51	.07	.10	.04	1.03	.44	.39	.77	.43	.81	.77	1.03
79	.10	.33	.99	.12	.07	.68	.54	.29	.74	.45	.49	.37	.99
80	.23	.32	.11	.18	.57	.68	.34	.60	.54	1.02	.09	.20	1.02
81	.23	.34	.19	.12	.19	.37	1.32	.86	.85	.47	1.31	.20	1.32
82	.04	.44	.25	.10	.13	.76	.51	.56	.96	.44	.88	.16	.96
83	.17	.07	TRACE	.30	.15	.43	.31	.63	.40	.67	.09	.24	.67
84	.41	.68	.08	.21	.52	.54	.47	.88	.66	1.00	.03	.22	1.00
85	.22	.26	.40	.27	.38	.34	.17	1.23	.87	.69	.06	.43	1.23
86	.15	.32	1.03	.13	.16	.04	.60	.65	.83	.80	.41	.42	1.03
87	.64	.05	.18	.06	.17	.36	.82						
MEAN	.343	.364	.350	.220	.240	.367	.617	.631	.687	.520	.436	.426	1.104
S.D.	.266	.261	.346	.167	.190	.271	.369	.303	.356	.236	.342	.241	.321
TOTAL OBS	1395	1270	1417	1379	1421	1391	1402	1370	1323	1358	1320	1395	16441

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 41-87

TOTAL MONTHLY PRECIPITATION IN INCHES

-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
41			*.42	*1.12	.57	3.72	1.91	.27	1.00	*1.41	2.48	.53	
42	.31	.75	.27	.56	.09	.35							
43						*.00	*.00	*.00	*.00			2.51	
44	2.07	*.61	.54	.17	*.34	.77	2.24	3.56	2.61	*1.07	.29	1.47	*15.74
45	.27	1.36	2.70	.47	.98	1.12	1.61	4.17	2.56	1.98	1.14	.14	18.50
46	.98	1.74	.82	1.01	.72	.19	1.79	1.81	1.26	1.40	1.39	1.56	14.67
47	.75	.48	.43	.01	.25	.15	1.21	1.88	4.58	.81	1.31	1.18	13.04
48	1.01	.45	1.00	.01	TRACE	.36	3.68	2.00	2.64	2.26	1.47	.63	15.71
49	2.27	.89	.96	.88	.45	2.75	1.59	1.74	2.53	1.64	.91	2.48	19.09
50	1.77	TRACE	.60	.09	TRACE	1.63	1.37	.88	.97	.22	.05	2.41	9.99
51	.50	.85	.50	.39	TRACE	2.25	2.27	2.46	4.98	.85	.22	1.43	16.70
52	1.52	.45	1.16	.68	.03	.09	2.32	2.64	2.30	3.39	1.23	1.27	17.08
53	.28	.90	.72	.22	.83	.43	1.67	5.03	2.10	.83	.51	2.11	15.63
54	.72	.36	1.21	.03	.84	1.11	2.17	2.15	1.57	1.50	1.30	1.65	14.61
55	1.07	2.93	.62	1.30	*.01	*1.54	1.65	3.51	1.20	1.88	.69	3.63	*20.03
56	.59	2.92	.27	.93	.55	.41	2.68	1.54	1.57	2.52	2.93	1.20	18.11
57	2.19	1.61	.51	.03	.02	.66	2.75	2.41	3.38	1.23	2.12	.98	17.89
58	1.24	.17	.49	.23	1.05	2.17	4.94	2.18	1.04	2.19	2.38	.98	19.06
59	.43	1.14	2.57	1.60	.46	.46	3.88	3.18	1.46	1.57	1.35	3.03	21.09
60	1.85	.57	.63	.30	.46	.35	3.37	2.99	4.01	.20	1.04	1.10	16.87
61	1.41	.87	.78	1.65	.55	1.49	1.94	1.69	6.25	2.83	1.90	2.01	23.37
62	1.64	.98	1.62	.58	1.47	3.12	.35	2.94	1.49	1.19	.34	.71	16.43
63	2.60	1.73	1.29	2.96	.45	1.11	2.22	3.31	.92	.80	.26	1.01	18.66
64	.52	.69	1.89	.69	.94	1.89	1.23	2.08	.80	2.73	2.79	1.64	17.89
65	1.43	1.09	1.09	.17	.78	1.11	2.04	1.67	4.24	1.68	.85	1.74	17.89
66	.41	.97	.45	.52	.44	.58	.54	2.60	2.40	1.19	.83	.58	11.51
67	1.27	.97	.71	.39	.98	1.39	2.01	3.10	3.73	.87	1.48	1.79	18.69
68	.60	1.37	.13	.60	2.00	.45	1.42	.57	1.13	1.48	.62	.38	10.75
69	.56	.82	.25	.23	.94	.43	3.58	.41	.15	.83	.20	.65	9.05
70	.79	.40	.60	.42	.41	.78	1.81	1.84	.62	1.18	.72	1.08	10.65

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 41-87

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
71	.49	1.43	.98	.37	.36	.56	3.78	3.01	2.46	2.64	.68	1.38	16.14
72	.54	.38	.48	.41	.77	.72	.94	1.46	4.22	3.05	.81	.74	14.52
73	.65	.04	.62	.27	.11	.77	.44	3.07	.86	1.45	.51	.58	9.37
74	.03	.77	.36	.88	.45	.56	1.67	.91	2.21	1.93	1.01	2.76	13.54
75	.14	.80	.54	1.59	.26	.66	1.52	1.31	5.02	1.09	.19	1.00	14.32
76	.93	.31	1.40	.35	.05	.63	.39	1.23	2.88	.72	2.07	1.15	12.11
77	.80	.43	.54	1.91	.38	.37	2.51	2.16	6.41	1.47	1.23	.51	18.72
78	.32	1.29	.19	.15	.04	3.04	1.87	.71	1.84	1.49	1.27	2.40	14.61
79	.25	.66	3.03	.41	.28	2.47	3.03	1.22	2.79	1.80	2.57	1.34	19.85
80	.90	.82	.20	.19	1.12	2.61	2.47	2.76	2.56	2.73	.26	.28	16.90
81	.51	.84	.35	.18	.51	.90	4.29	4.35	1.47	2.18	2.46	.58	18.62
82	.04	.76	.46	.22	.47	1.61	1.82	2.19	4.33	2.54	1.67	.19	16.30
83	.28	.18	TRACE	1.01	.33	.78	.76	3.16	2.00	2.40	.17	.56	11.63
84	1.16	1.45	.16	.92	.86	1.35	2.08	2.41	2.12	1.82	.05	.91	15.29
85	1.02	.92	.88	.65	.86	.77	1.07	4.05	3.55	1.24	.11	1.47	16.69
86	.44	.70	1.61	.21	.27	.14	2.34	2.74	3.91	2.75	1.38	1.66	18.15
87	1.90	.13	.19	.18	.72	1.69	2.41						
MEAN	.921	.895	.818	.600	.548	1.137	2.081	2.303	2.548	1.679	1.119	1.324	15.892
S.D.	.649	.626	.679	.594	.421	.904	1.034	1.086	1.512	.777	.809	.793	3.323
TOTAL OBS	1395	1270	1417	1379	1421	1391	1402	1370	1323	1358	1320	1395	16441

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 45-87

AMOUNTS IN INCHES

MONTH	NONE	TRACE	0.1 TO 0.4	0.5 TO 1.4	1.5 TO 2.4	2.5 TO 3.4	3.5 TO 4.4	4.5 TO 6.4	6.5 TO 10.4	10.5 TO 15.4	15.5 TO 25.4	25.5 TO 50.4	OVER 50.4	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS MEAN	GREATEST	LE
JAN	46.6	28.1	10.1	7.7	3.5	2.0	.8	.8	.3	.2				25.3	1302	10.1	29.4	.
FEB	50.3	24.6	9.7	6.4	3.5	2.0	1.3	1.3	.7	.2				25.0	1186	11.1	40.1	TRAC
MAR	58.3	21.4	7.5	5.9	3.6	1.3	.4	.9	.4	.3				20.3	1302	9.4	32.7	TRAC
APR	68.6	17.1	4.8	5.1	2.1	1.1	.6	.4	.3					14.4	1260	5.8	29.6	TRAC
MAY	95.2	3.8	.5	.3	.1	.1			.1					1.1	1333	.4	7.8	.
JUN	100.0														1290	.0	.0	.
JUL	100.0														1333	.0	.0	.
AUG	99.9	.1													1302	TRACE	TRACE	.
SEP	97.6	1.7	.2	.3	.2									.7	1260	.2	1.8	.
OCT	69.2	17.0	4.1	3.9	2.4	1.2	.8	1.0	.5					13.8	1302	7.5	27.5	TRAC
NOV	51.3	27.9	6.3	6.5	2.8	2.2	1.3	1.0	.6	.2				20.8	1260	10.7	39.6	.
DEC	39.4	29.6	11.1	8.8	4.5	2.2	1.8	2.0	.5	.2				31.0	1302	15.0	45.8	.
ANN	73.0	14.3	4.5	3.7	1.9	1.0	.6	.6	.3	.1				12.7	15432	76.2		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 45-87

24 HOUR AMOUNTS IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
45					6.9	.0	.0	.0	.0	2.5	2.2	1.0	
46	5.1	10.3	3.1	6.0	.0	.0	.0	.0	.0	.8	4.5	5.6	10.3
47	3.4	4.5	1.5	TRACE	.4	.0	.0	.0	1.8	1.6	3.7	4.3	4.5
48	1.7	2.4	2.7	TRACE	.0	.0	.0	.0	TRACE	6.5	4.4	3.8	6.5
49	4.9	3.6	5.7	4.1	1.0	.0	.0	.0	.0	3.9	3.8	6.0	6.0
50	11.2	TRACE	5.0	.8	.0	.0	.0	.0	TRACE	TRACE	1.2	6.0	11.2
51	1.6	1.9	3.8	TRACE	.0	.0	.0	.0	.0	1.0	.5	2.8	3.6
52	5.7	.9	4.0	3.5	TRACE	.0	.0	.0	.0	5.8	5.0	4.5	5.8
53	2.0	3.8	2.9	1.6	TRACE	.0	.0	.0	.0	.1	3.6	2.6	3.6
54	1.4	1.3	3.8	.3	.0	.0	.0	.0	.0	7.6	3.6	5.8	7.6
55	4.5	7.3	3.1	5.5	.0	.0	.0	.0	.0	4.3	4.2	15.0	15.0
56	2.2	13.7	1.0	3.3	.0	.0	.0	.0	.4	7.9	14.6	4.2	14.6
57	1.7	5.2	1.9	.3	.0	.0	.0	.0	TRACE	1.4	5.1	2.9	5.2
58	5.9	1.8	1.9	.7	.0	.0	.0	.0	TRACE	2.1	6.2	5.5	6.2
59	2.1	6.5	13.4	4.1	TRACE	.0	.0	.0	.0	2.5	3.5	6.1	13.4
60	3.8	2.8	4.5	2.2	.0	.0	.0	.0	TRACE	.1	5.0	4.4	5.0
61	1.6	3.3	3.1	5.4	.0	.0	.0	.0	1.8	5.5	7.8	3.9	7.8
62	6.9	.9	5.1	1.6	.0	.0	.0	.0	.0	2.0	1.1	2.4	6.9
63	7.1	8.5	2.5	10.0	2.8	.0	.0	.0	.0	1.5	2.4	3.1	10.0
64	3.3	6.0	5.0	1.7	TRACE	.0	.0	.0	.0	9.1	9.6	6.8	9.6
65	11.6	5.4	2.2	.4	2.0	.0	.0	.0	1.2	5.2	3.6	5.8	11.6
66	2.9	2.3	1.5	1.6	TRACE	.0	.0	.0	.0	.7	3.0	1.9	3.0
67	4.9	3.5	2.0	3.0	.0	.0	.0	.0	.0	6.0	3.4	7.2	7.2
68	2.7	7.9	1.6	1.5	.0	.0	.0	.0	.8	4.9	5.1	2.6	7.9
69	3.1	5.6	1.3	TRACE	TRACE	.0	.0	.0	.0	.2	.7	2.4	5.6
70	5.0	1.9	2.4	2.6	TRACE	.0	.0	.0	TRACE	2.1	2.5	5.1	5.1
71	.8	5.9	4.9	1.7	TRACE	.0	.0	.0	.0	2.4	2.4	4.0	5.9
72	3.2	4.7	6.0	3.0	TRACE	.0	.0	.0	.6	1.0	5.5	4.6	6.0
73	8.8	.7	5.6	1.3	TRACE	.0	.0	.0	.0	2.9	5.7	3.9	8.8
74	.6	4.5	5.1	1.1	.0	.0	.0	.0	.0	3.5	4.7	7.9	7.9

NOTE * (BASED ON LESS THAN FULL MONTHS)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 45-87

24 HOUR AMOUNTS IN INCHES
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
75	1.3	4.8	2.3	3.3	.3	.0	.0	.0	.0	.3	1.9	5.4	5.4
76	3.1	1.4	12.2	2.1	.0	.0	.0	.0	.0	8.3	4.1	6.0	12.2
77	2.2	3.0	2.0	7.7	TRACE	.0	.0	.0	TRACE	5.3	3.6	6.5	7.7
78	1.7	8.5	1.4	TRACE	.0	.0	.0	.0	.0	2.6	1.6	8.6	8.6
79	1.2	3.5	12.5	1.1	TRACE	.0	.0	.0	.0	1.1	3.0	10.5	12.5
80	3.2	1.4	1.9	TRACE	.0	.0	.0	.0	TRACE	5.2	2.3	.4	5.2
81	4.5	2.6	1.5	1.7	TRACE	.0	.0	.0	1.2	.3	8.5	2.0	6.5
82	.2	TRACE	2.0	1.0	TRACE	.0	.0	.0	.0	6.0	11.8	.9	11.8
83	6.2	2.5	TRACE	3.3	TRACE	.0	.0	.0	TRACE	7.3	.9	6.4	7.3
84	10.8	13.5	.1	4.6	TRACE	.0	.0	TRACE	.0	3.0	.6	5.4	13.5
85	2.0	3.3	7.8	6.2	.1	.0	.0	.0	.0	.7	1.0	4.8	7.8
86	3.4	3.5	14.9	2.5	TRACE	.0	.0	.0	.0	TRACE	2.5	5.4	14.9
87	7.4	1.3	2.5	.8	.0	.0	.0						
MEAN	3.97	4.20	3.99	2.42	.31	.00	.00	TRACE	.19	3.22	4.10	4.89	8.26
S.D.	2.857	3.232	3.487	2.280	1.160	.000	.000	.000	.470	2.647	2.987	2.629	3.261
TOTAL OBS	1302	1186	1302	1260	1333	1290	1333	1302	1260	1302	1260	1302	15432

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 45-87

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	-M-O-N-T-H-S- JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
45					7.8	.0	.0	.0	.0	6.1	9.9	1.9	
46	17.0	26.3	8.8	10.8	.0	.0	.0	.0	.0	.9	16.3	16.3	96.4
47	9.6	4.8	5.1	TRACE	.4	.0	.0	.0	1.8	2.9	13.8	5.8	48.2
48	9.1	4.4	10.5	TRACE	.0	.0	.0	.0	TRACE	8.5	12.0	12.0	56.5
49	29.4	9.7	9.1	12.5	1.9	.0	.0	.0	.0	7.0	8.1	22.6	100.3
50	17.2	TRACE	6.0	.6	.0	.0	.0	.0	TRACE	TRACE	1.2	24.5	49.7
51	5.7	7.7	4.5	TRACE	.0	.0	.0	.0	.0	1.5	.6	9.7	29.7
52	13.9	1.6	11.6	6.4	TRACE	.0	.0	.0	.0	11.4	11.6	9.0	65.5
53	2.8	6.6	4.5	2.2	TRACE	.0	.0	.0	.0	.1	5.1	20.6	41.9
54	3.6	3.7	12.8	.3	.0	.0	.0	.0	.0	7.7	10.1	20.0	58.2
55	16.8	40.1	5.8	15.0	.0	.0	.0	.0	.0	16.8	9.5	37.6	141.6
56	4.9	32.5	1.6	10.3	.0	.0	.0	.0	.6	18.5	39.6	8.5	116.5
57	13.1	20.3	6.0	.3	.0	.0	.0	.0	TRACE	1.7	8.9	9.7	60.0
58	12.2	1.9	3.8	1.1	.0	.0	.0	.0	TRACE	5.9	23.5	10.5	58.9
59	4.3	11.6	26.6	8.6	TRACE	.0	.0	.0	.0	7.0	14.7	31.9	104.7
60	16.6	5.8	6.3	2.6	.0	.0	.0	.0	TRACE	.2	10.2	6.2	47.9
61	2.6	9.4	7.8	8.1	.0	.0	.0	.0	1.8	23.0	18.6	15.0	86.3
62	15.9	1.1	16.2	2.6	.0	.0	.0	.0	.0	2.0	2.8	4.4	45.0
63	13.5	17.1	9.5	29.6	2.8	.0	.0	.0	.0	1.6	2.6	5.9	82.6
64	6.6	13.7	18.2	5.0	TRACE	.0	.0	.0	.0	15.0	21.0	20.7	100.2
65	12.9	11.5	2.7	.6	3.0	.0	.0	.0	1.3	18.7	9.2	23.5	83.4
66	5.6	8.6	4.6	3.2	TRACE	.0	.0	.0	.0	1.8	14.2	8.1	46.2
67	19.9	13.9	6.5	3.8	.0	.0	.0	.0	.0	8.3	3.6	22.3	79.3
68	7.8	25.2	3.1	6.3	.0	.0	.0	.0	.8	12.9	14.3	8.4	78.8
69	6.4	13.2	2.3	TRACE	TRACE	.0	.0	.0	.0	.3	1.8	7.7	31.7
70	15.3	5.1	2.4	6.0	TRACE	.0	.0	.0	TRACE	3.4	3.6	12.8	46.6
71	1.7	18.8	13.4	5.6	TRACE	.0	.0	.0	.0	11.9	9.1	16.9	77.4
72	10.0	7.0	19.2	10.1	TRACE	.0	.0	.0	.6	3.8	16.8	8.8	76.3
73	18.2	.7	18.7	1.5	TRACE	.0	.0	.0	.0	6.9	12.9	5.9	68.8
74	.9	19.2	9.7	3.1	.0	.0	.0	.0	.0	7.1	12.5	45.9	98.3

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 45-87

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
75	3.7	21.1	9.2	11.0	.4	.0	.0	.0	.0	.3	2.4	20.5	68.6
76	11.5	3.8	32.7	4.4	.0	.0	.0	.0	.0	14.9	11.1	20.3	98.7
77	4.0	3.1	6.5	23.9	TRACE	.0	.0	.0	TRACE	14.0	10.0	10.6	72.1
78	3.8	28.1	3.0	TRACE	.0	.0	.0	.0	.0	4.5	5.5	35.6	80.5
79	3.2	6.0	32.0	2.2	TRACE	.0	.0	.0	.0	2.1	12.9	25.8	84.2
80	10.6	3.6	4.0	TRACE	.0	.0	.0	.0	TRACE	7.1	6.4	1.0	32.7
81	5.1	6.7	1.8	1.7	TRACE	.0	.0	.0	1.2	.3	25.0	6.6	48.4
82	.5	TRACE	4.3	2.5	TRACE	.0	.0	.0	.0	27.5	26.7	.9	62.4
83	9.2	5.2	TRACE	10.4	TRACE	.0	.0	.0	TRACE	26.6	1.5	14.2	66.1
84	23.7	30.8	.1	14.1	TRACE	.0	.0	TRACE	.0	3.0	1.1	12.9	85.7
85	7.3	8.5	14.4	11.5	.2	.0	.0	.0	.0	1.1	1.8	5.9	50.7
86	6.3	7.4	25.9	3.2	TRACE	.0	.0	.0	.0	TRACE	5.4	13.6	61.8
87	22.9	1.9	2.6	.9	.0	.0	.0						
MEAN	10.10	11.14	9.38	5.77	.38	.00	.00	TRACE	.19	7.48	10.66	15.00	70.51
S.D.	6.855	9.905	8.253	6.497	1.339	.000	.000	.000	.479	7.490	8.232	10.162	24.446
TOTAL OBS	1302	1186	1302	1260	1333	1290	1333	1302	1260	1302	1260	1302	15432

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 41-87

AMOUNTS IN INCHES

MONTH	NONE	TRACE	1	2	3	4 TO 6	7 TO 12	13 TO 24	25 TO 36	37 TO 48	49 TO 60	61 TO 120	OVER 120	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS MEAN	GREATEST	LEAST
JAN	1.0	3.2	2.9	4.5	4.0	16.5	31.5	34.1	2.2					95.8	1395			
FEB		2.5	3.0	3.0	3.6	14.2	33.8	32.5	6.2	1.1				97.5	1269			
MAR	2.1	4.2	3.2	5.4	7.2	16.9	32.7	25.5	2.2	.5	.1			93.6	1417			
APR	46.8	14.2	7.4	5.1	3.8	6.9	10.7	5.0						38.9	1379			
MAY	97.8	1.5	.1	.3		.1	.2							.7	1426			
JUN	100.0														1410			
JUL	100.0														1426			
AUG	100.0														1395			
SEP	99.9	.1													1350			
OCT	71.8	7.6	4.8	3.8	3.1	6.1	2.8							20.6	1357			
NOV	19.7	13.7	10.7	13.6	7.1	16.7	16.4	2.1						66.6	1320			
DEC	2.7	7.7	3.7	9.0	5.4	21.1	34.5	15.7	.1					89.6	1395			
ANN	53.5	4.6	3.0	3.7	2.8	8.2	13.5	9.6	.9	.1	.0			41.9	16539			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 41-87

DAILY SNOW DEPTH IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	-M-O-N-T-H-S- JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
41			*5	*1	0	0	0	0	0	5	7	3	
42	TRACE	4	8	3	0	0							
43						0	0	0	0			9	
44	22	*19	11	3	0	0	0	0	0	*0	4	14	22
45	4	9	9	3	7	0	0	0	0	2	6	6	9
46	11	41	18	16	0	0	0	0	0	TRACE	7	16	41
47	25	28	12	2	0	0	0	0	0	1	4	6	28
48	14	9	9	9	0	0	0	0	0	7	8	8	14
49	30	41	34	12	2	0	0	0	0	3	7	18	41
50	30	15	9	3	0	0	0	0	0	0	1	18	30
51	20	15	13	2	0	0	0	0	0	1	1	10	20
52	23	9	17	4	0	0	0	0	0	7	6	9	23
53	8	11	5	2	0	0	0	0	0	TRACE	4	16	16
54	14	12	17	7	0	0	0	0	0	8	6	15	17
55	21	29	21	14	TRACE	0	0	0	0	10	9	30	30
56	29	31	18	12	0	0	0	0	0	8	19	16	31
57	16	20	50	1	0	0	0	0	0	1	5	5	50
58	14	9	6	1	0	0	0	0	0	1	16	19	19
59	20	13	41	12	0	0	0	0	0	4	7	16	41
60	14	18	16	8	0	0	0	0	0	0	7	8	18
61	5	4	7	4	0	0	0	0	0	8	15	14	15
62	18	19	22	8	0	0	0	0	0	TRACE	3	4	22
63	10	15	10	14	0	0	0	0	0	2	4	5	15
64	6	12	13	12	0	0	0	0	0	10	15	21	21
65	23	21	19	0	2	0	0	0	0	10	12	22	23
66	20	21	19	9	0	0	0	0	0	0	8	9	21
67	18	17	15	5	0	0	0	0	0	8	5	12	18
68	8	17	5	7	0	0	0	0	0	4	10	14	17
69	15	20	15	4	0	0	0	0	0	TRACE	1	4	20
70	13	13	5	3	0	0	0	0	0	2	3	7	13

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

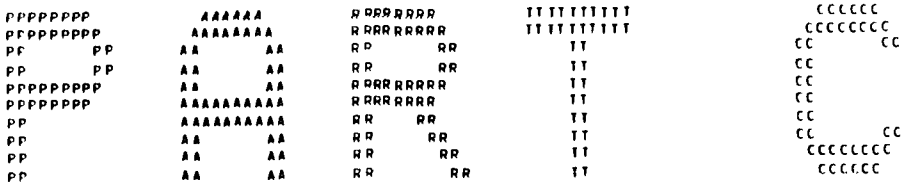
EXTREME VALUES OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 41-87

DAILY SNOW DEPTH IN INCHES
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
71	5	11	18	9	TRACE	0	0	0	0	7	10	15	18
72	17	20	20	19	TRACE	0	0	0	0	TRACE	10	11	20
73	15	14	21	9	0	0	0	0	0	2	8	11	21
74	11	15	18	1	0	0	0	0	0	3	7	22	22
75	22	29	21	21	2	0	0	0	0	0	2	10	29
76	12	11	24	14	0	0	0	0	0	11	8	11	24
77	9	6	10	16	0	0	0	0	TRACE	3	7	11	16
78	10	22	13	7	0	0	0	0	0	2	3	18	22
79	14	20	28	15	0	0	0	0	0	1	7	18	28
80	18	15	9	5	0	0	0	0	0	7	4	5	18
81	6	5	7	1	0	0	0	0	0	TRACE	13	12	13
82	10	8	8	1	0	0	0	0	0	11	15	21	21
83	10	10	8	3	0	0	0	0	0	8	13	17	17
84	19	29	24	13	0	0	0	0	0	1	1	8	29
85	7	9	15	17	TRACE	0	0	0	0	1	2	2	17
86	7	8	19	14	0	0	0	0	0	0	4	9	19
87	17	10	9	2	0	0	0						
MEAN	14.7	16.3	15.9	7.7	.3	.0	.0	.0	TRACE	3.7	7.1	12.3	22.5
S.D.	7.151	8.861	9.236	5.747	1.129	.000	.000	.000	.000	3.720	4.460	6.109	6.557
TOTAL OBS	1395	1269	1417	1379	1426	1410	1426	1395	1350	1357	1320	1395	16539

NOTE * (BASED ON LESS THAN FULL MONTHS)



SURFACE WIND SUMMARIES

EXTREME VALUES OF PEAK WINDS

DATA DERIVED FROM SUMMARY OF DAY DATA.

VALUES PRESENTED BY INDIVIDUAL MONTH AND YEAR WITH ALL YEARS COMBINED.

SPEEDS PRESENTED IN KNOTS.

DIRECTIONS PRESENTED IN 16 COMPASS POINTS FROM BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968. COMMENCING JULY 1968 DIRECTIONS PRESENTED IN TENS OF DEGREES.

AN ASTERISK "*" IN THE TABLES INDICATES THAT THE VALUE IS BASED ON AN INCOMPLETE MONTH OF THREE OR MORE MISSING DAYS.

MEANS AND STANDARD DEVIATIONS PRESENTED DO NOT INCLUDE INCOMPLETE MONTHS. FOUR OR MORE MONTHS ARE NEEDED TO COMPUTE THESE STATISTICS AND INCOMPLETE MONTHS ARE NOT INCLUDED.

TABLES ALSO INCLUDE THE OBSERVATION COUNTS.

BIVARIATE PERCENTAGE FREQUENCY TABULATIONS OF SURFACE WINDS

DATA DERIVED FROM HOURLY DATA.

PRESENTED ARE THE PERCENTAGE FREQUENCY OF WIND DIRECTION TO 16 COMPASS POINTS, CALM AND VARIABLE VERSUS WIND SPEED IN KNOTS IN INCREMENTS OF BEAUFORT CLASSIFICATIONS.

PERCENTAGES ARE SHOWN BY BOTH DIRECTIONS AND SPEED, AND IN ADDITION THE MEAN WIND SPEED IN GIVEN FOR EACH DIRECTION.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED)..

A SEPARATE ANNUAL TABLE PRESENTS THE SAME BIVARIATE DISTRIBUTIONS WITH IMPOSED CEILING/VISIBILITY LIMITATIONS: WHEN VISIBILITIS EQUAL TO OR GREATER THAN 1/2 MILES, THE CEILINGS ARE 200 TO 1400 FEET AND/OR WHEN THE CEILING IS EQUAL TO OR GREATER THAN 200 FEET, THE VISIBILITIES ARE 1/2 THROUGH 2 1/2 MILES.

A PERCENTAGE VALUE OF ".0" IN THESE TABLES INDICATES ONE OR MORE OCCURRENCES AMOUNTING TO LESS THAN .05%.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 49-53, 56-58, 61-87

DAILY PEAK GUSTS IN KNOTS
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49			E 26	NW 18	ESE 23	W 36	W *17	WNW 24	E 24	E 62	E 41	NW *30	
50	NW 37	NNW 61	ESE 38	SE 40	ESE 30	SE 28	S 26	WNW 16	SSE*40	NNW*17	N 72	S 26	N 72
51	NNW*54	SE 52	NNW 42	E 35	E 31	W 26	S 29	S 30	N 30	SSE 37	NW 47	S 34	NNW*54
52	N 50	N 26	NNW 41	NW 30	NNE 35	SE 36	SE 28	SE 30	NW 28	ENE 43	ENE 39	NE 38	N 50
53	ENE 66	ESE 52	SSE 42	NNE 30	SSE 24	WNW 31	W 18	SSE 38	N 34	NE 42			
56					E 43	SE 27	WSW 20	SSW 18	S 42	SSE*25	ESE 59	N 17	
57	SSE 57	N 45	E 28	ESE 30	E 43	SSE 28	NW 30	NW 29	ESE 38	NNE 37	W 35	NNW 37	SSE 57
58	W 36	NNW 61	SSE 47	SE 28	SSE 49	SSE 35	WNW 33	SSE*37					
61			N 28	N 34	ESE 23	SSE 24	SE 27	S 26	S 28	S 33	SE 32	NNW 30	
62	SSE 31	SSW 23	NW 38	NE 29	WSW 24	SW 26	ENE 30	SSW 30	S 24	W 23	E 35	NE 39	NE 39
63	N 19	NE 49	NE 44	NNE 38	SSE 36	SSE*25	NNW*20	S 34	NNE*12	N *12		N *20	
64	N *31	S *33						SSW*34	S *22	SSW 40	S 39	ENE 48	
65	N 35	S 31	S 37	NNW 40	ESE 28	S 29	N 28	S 22	SSE 32	N 27	N *10	N *33	NNW 40
66	N 35	SSW 48	NE 34	SSE 18	SSW 28	SW 25	W 25	W 24	NE 34	N 43	N 28	NNE 44	SSW 48
67	NNE 60	NNE 30	SSW 39	N 40	S 25	S 28	SSW 34	SW 27	E 33	NNE 28	S 47	E 64	E 64
68	NE 53	SE 34	N 25	SSW 33	S 22	SW 24	23/ 20	7/ 20	31/ 25	21/ 39	36/ 31	21/ 40	NE 53
69	13/ 40	11* 42	19* 33	15/ 24	7/ 28	17/ 25	16/ 25	21/ 32	20/ 20	36/ 59	21/ 34	11/ 45	36/ 59
70	36/ 35	36/ 48	11/ 40	36/ 36	10/ 33	21/ 27	17/ 26	20/ 36	32/ 26	22/ 45	36/ 40	19/ 48	36/ 48
71	36/ 62	12/ 31	10/ 36	11/ 29	12/ 54	10/ 29	20/ 22	21/ 21	21/ 33	18/ 28	33/ 24	2/ 40	36/ 62
72	36/ 35	4/ 41	1/ 23	5/ 30	19/ 26	14/ 26	22/ 23	18/ 22	22/ 40	16/ 33	20/ 25	3/ 33	4/ 41
73	17/ 41	8/ 37	22/ 35	22/ 27	14/ 30	23/ 23	20/ 23	18/ 22	6/ 22	21/ 28	36/ 24	8/ 27	17/ 41
74	4/ 44	2/ 18	21/ 35	16/ 22	32/ 31	22/ 28	25/ 21	25/ 26	36/ 33	36/ 45	22/ 34	20/ 47	20/ 47
75	19/ 29	5/ 38	22/ 29	35/ 25	24/ 28	22/ 27	24/ 22	23/ 16	14/ 26	20/ 34	6/ 35	20/ 44	20/ 44
76	16/ 45	29/ 26	22/ 33	11/ 24	24/ 27	20/ 32	19/ 26	31/ 22	5/ 36	23/ 36	27/ 38	12/ 39	16/ 45
77	12/ 44	7/ 25	20/ 27	15/ 30	20/ 33	29/ 22	22/ 48	18/ 21	15/ 30	14/ 29	34/ 17	2/ 31	22/ 48
78	1/ 26	8/ 34	4/ 25	17/ 35	17/ 23	22/ 29	27/ 27	21/ 42	15/ 29	14/ 42	4/ 53	1/ 26	4/ 53
79	20/ 38	3/ 52	15/ 37	22/ 20	22/ 25	23/ 26	20/ 32	30/ 22	18/ 26	16/ 42	20/ 42	36/ 38	3/ 52
80	6/ 56	15/ 39	12/ 38	12/ 43	8/ 26	23/ 25	16/ 21	21/ 32	2/ 30	34/ 36	36/ 22	28/ 24	6/ 56
81	15/ 33	16/ 38	11/ 44	9/ 28	21/ 23	20/ 29	21/ 23	20/ 26	22/ 23	20/ 35	22/ 25	5/ 28	11/ 44
82	3/ 43	3/ 50	18/ 29	35/ 27	15/ 26	21/ 29	20/ 26	20/ 21	17/ 47	2/ 25	18/ 34	32/ 48	3/ 50

NOTES * (BASED ON LESS THAN FULL MONTHS)
$ (BASED ON LESS THAN FULL MONTHS AND *100 KNOTS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 49-53, 56-58, 61-87

DAILY PEAK GUSTS IN KNOTS
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
83	1/ 38	1/ 26	36/ 20	35/ 26	22/ 26	24/ 23	28/ 21	22/ 31	16/ 30	20/ 32	11/ 40	21/ 14	11/ 40
84	36/ 23	1/ 26	13/ 21	27/ 24	21/ 28	18/ 22	23/ 17	32/ 30	26/ 24	28/ 23	26/ 39	21/ 38	26/ 39
85	18/ 32	3/ 44	22/ 29	4/ 23	20/ 36	23/ 28	35/ 16	24/ 28	18/ 32	33/ 20	20/ 28	15/ 26	3/ 44
86	10/ 44	4/ 37	3/ 22	3/ 33	21/ 24	6/ 26	20/ 24	21/ 20	33/ 29	30/ 38	1/ 28	19/ 23	10/ 44
87	20/ 34	1/ 39	3/ 31	9/ 25	20/ 25	21/ 28	23/ 15						
MEAN	40.7	38.7	33.2	29.5	29.9	27.5	25.2	26.2	30.3	36.1	36.2	35.7	48.2
S.D.	11.526	11.384	7.452	6.345	7.643	3.545	6.327	6.317	6.164	9.612	11.467	10.830	6.967
TOTAL OBS	972	873	1007	989	1051	989	1030	1030	959	982	898	955	11735

NOTES * (BASED ON LESS THAN FULL MONTHS)
$ (BASED ON LESS THAN FULL MONTHS AND *100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.8	2.7	2.9	2.0	.5							11.0	7.4
NNE	5.5	6.1	3.9	1.4	.1	.3						17.3	5.7
NE	6.9	6.3	.6	.1	.2	.1	.3					14.6	4.7
ENE	7.7	4.9	.1	.1								12.9	3.3
E	4.0	1.8	.1									5.9	3.0
ESE	.5	.2										.8	2.6
SE	.5	.1										.6	3.0
SSE	.3	.4		.1								.9	4.5
S	.4	.3	.2	.1	.2							1.3	7.8
SSW	.5	1.3	1.0	.5	.4							3.8	8.3
SW	.3	.2	.5	.1								1.2	6.7
WSW	.2	.4	.1									.8	4.9
W	.4	.2	.2									.9	4.4
WNW	.4	.2	.1									.8	3.7
NW	.1	.3	.1	.3								.9	8.3
NNW	.4	1.0	.9	.3								2.6	6.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	24.0	//////
TOTALS	31.2	26.7	10.8	5.2	1.5	.4	.3					100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.7	2.4	4.5	1.7	.1							10.4	7.5
NNE	7.1	7.0	3.0	.6	.4	.2						18.4	5.3
NE	6.7	5.6	1.1	.2	.2		.1					13.9	4.3
ENE	8.3	3.7	.1									12.0	3.0
E	3.3	1.5	.1	.3								5.3	3.8
ESE	.2		.1									.3	4.7
SE	.3	.2										.5	3.0
SSE	.6	.2	.1									1.0	3.7
S	1.3	.6	.5	.2								2.7	5.0
SSW	.6	.3	.5	.5	.2							2.3	8.5
SW			.1									.1	10.0
WSW	.4	.2	.2									.9	4.3
W	.2	.6	.3									1.2	5.4
WNW	.1	.5	.1									.6	4.9
NW	.2	.3	.1									.6	4.5
NNW	.1	.9	.8	.3								2.0	7.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	27.6	//////
TOTALS	31.3	24.1	11.7	4.0	1.0	.2	.1					100.0	3.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.1	2.3	4.3	.9	.3	.1						8.9	7.8
NNE	5.7	6.4	3.6	.6	.3	.1	.2					16.9	5.7
NE	8.1	5.9	.9	.1		.1	.1					15.2	4.0
ENE	8.1	5.3	.4	.3								14.1	3.6
E	3.4	2.2	.2	.2								6.0	3.7
ESE	.5	.6										1.1	3.4
SE	.3	.1										.4	3.0
SSE	.4	.3	.1									.9	4.1
S	1.0	.5	.3	.1								1.9	4.3
SSW	.3	.3	.3	.3								1.3	7.8
SW	.3	.3	.4	.1								1.2	6.8
WSW	.4	.2	.1									.8	3.7
W	.4	.3	.4									1.2	5.2
WNW	.8	.3	.1									1.2	3.5
NW	.3		.2	.1								.6	6.2
NNW	.5	.6	.6	.6								2.5	7.6
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	25.8	//////
TOTALS	31.8	25.6	12.1	3.4	.6	.3	.3					100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0900-1100

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.0	2.8	4.9	.9	.1	.2						11.0	7.0
NNE	6.8	8.0	3.1	1.1	.1	.5	.1					19.7	5.7
NE	7.4	5.3	.6		.2	.2	.1					13.9	4.1
ENE	7.4	4.9	.6		.1							13.1	3.5
E	3.1	1.8	.4			.1						5.5	3.8
ESE	1.1		.3									1.4	3.6
SE	.5											.5	2.2
SSE	1.0		.2									1.2	3.1
S	.5	.2	.3									1.1	4.5
SSW	.6	.2	.5	.6	.1							2.2	8.2
SW	.3	.1	.3	.1								.9	5.9
WSW	.5	.3	.1									1.0	3.7
W	.5	.2	.2									1.0	4.2
WNW	.9	.8	.1	.2								1.9	4.8
NW		.1	.3	.1								.5	8.2
NNW	.5	.8	.6	.3								2.3	6.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	23.0	//////
TOTALS	33.3	25.5	12.9	3.3	.6	1.1	.2					100.0	3.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.2	3.7	3.7	1.1			.1					11.7	6.2
NNE	9.0	9.4	4.0	1.3	.2	.4						24.3	5.2
NE	5.9	3.9	.8	.3	.1	.3	.1					11.4	4.7
ENE	5.4	3.4	.9									9.7	3.6
E	3.7	1.7	.1									5.5	3.2
ESE	.6	.3	.1									1.1	3.4
SE	.1	.2										.3	3.3
SSE	.1	.3	.2									.6	6.0
S	.3	.1	.2		.1							.8	6.1
SSW	.3	.5	.6	.1								1.6	6.8
SW	.3	.6		.1	.1							1.2	5.9
WSW	.9	.4	.2									1.5	4.0
W	.6	.4	.5	.1	.1							1.8	5.9
WNW	.2		.2									.4	4.8
NW	.2	.3	.1	.2								.9	6.4
NNW	.5	.6	1.0	.4								2.6	6.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	24.6	//////
TOTALS	31.5	26.0	12.6	3.7	.6	.8	.2					100.0	3.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.3	3.2	3.5	1.5								10.5	6.8
NNE	7.5	6.8	4.0	1.6		.1						20.0	5.2
NE	8.6	5.5	.5	.3	.3	.2						15.5	4.0
ENE	5.2	3.1	.1	.1	.1							8.6	3.4
E	3.3	1.1	.1									4.5	2.8
ESE	.4		.2									.6	4.8
SE	.1	.1		.1								.3	7.0
SSE	.3			.1								.4	4.8
S	1.0	.5		.1								1.6	4.4
SSW	.5	.6	.1	.2	.3							1.8	7.7
SW	.2	.2	.4	.3								1.2	8.3
WSW	.8	.5	.3	.1								1.7	4.6
W	.8	.3	.6	.1								1.8	5.7
WNW	.5	.2										.8	3.0
NW	.4	.3	.1									.9	3.5
NNW	.8	.6	.5	.1								2.0	5.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	27.6	//////
TOTALS	32.7	23.2	10.6	4.7	.8	.3						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 79-87
MONTH: JAN HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.0	2.7	3.5	1.6	.1							10.0	7.
NNE	6.0	8.5	2.9	1.5	.4	.3						19.7	5.
NE	9.4	4.6	.6	.4	.1							15.2	3.
ENE	8.7	3.5		.1	.1							12.5	3.
E	3.1	1.3	.4	.2								5.1	3.
ESE	.2	.3		.1								.6	4.
SE	.4	.1										.5	2.
SSE	.2			.1								.3	6.
S	.2	.6	.1	.2								1.2	6.
SSW	.2	.3	.3	.5	.3	.1						1.8	11.
SW	.4	.1	.6	.2								1.4	6.
WSW	.3	.2		.2								.8	5.
W	.2	.8	.2	.1	.1							1.4	6.
WNW	.1	.2	.2									.5	6.
NW	.3	.4	.2									1.0	5.
NNW	.4	.5	.5	.1								1.6	5.
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	26.5	/////
TOTALS	32.4	24.3	9.8	5.5	1.2	.4						100.0	3.

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.1	3.3	3.9	1.7	.1							10.1	7.4
NNE	6.3	6.9	5.1	1.7	.5	.1	.1					20.8	6.1
NE	8.4	5.2	.9	.1	.2							14.7	3.6
ENE	8.4	4.4	.4	.1	.1	.1						13.5	3.6
E	2.9	1.1										4.0	2.7
ESE	.1	.1	.1									.3	4.7
SE	.1	.1										.2	4.5
SSE	.4	.2	.1									.8	3.9
S	.8	.5	.2	.2								1.7	5.4
SSW	.4	.4	.6	.6	.4							2.6	10.1
SW	.2	.8	.3	.1								1.4	6.4
WSW	.4	.5	.2		.1							1.3	5.8
W	.4	.4	.2									1.1	4.2
WNW	.4	.4	.3									1.2	4.8
NW	.1	.1	.1									.3	5.7
NNW	.5	.6	.5	.4								2.2	6.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	23.9	//////
TOTALS	31.1	25.2	13.0	5.1	1.5	.2	.1					100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.0	2.9	3.9	1.4	.2	.0	.0					10.5	7.1
NNE	6.7	7.4	3.7	1.2	.3	.3	.1					19.6	5.6
NE	7.7	5.3	.8	.2	.2	.1	.1					14.3	4.1
ENE	7.4	4.2	.3	.1	.1	.0						12.1	3.4
E	3.4	1.6	.2	.1		.0						5.2	3.4
ESE	.5	.2	.1	.0								.8	3.8
SE	.3	.1		.0								.4	3.3
SSE	.4	.2	.1	.0								.8	4.2
S	.7	.4	.2	.1	.0							1.5	5.3
SSW	.5	.5	.5	.4	.2	.0						2.2	8.7
SW	.3	.3	.3	.1	.0							1.1	6.7
WSW	.5	.4	.2	.0	.0							1.1	4.6
W	.5	.4	.3	.0	.0							1.3	5.4
WNW	.4	.3	.1	.0								.9	4.4
NW	.2	.2	.2	.1								.7	5.9
NNW	.5	.7	.7	.3								2.2	6.7
VARIABLE													
CALM	//////////											25.4	//////
TOTALS	31.9	25.1	11.7	4.4	1.0	.5	.2					100.0	3.6

TOTAL NUMBER OF OBSERVATIONS: 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.9	4.4	5.2	1.7	.1							13.2	7.2
NNE	4.4	7.9	3.9	.8	.4	.5						17.8	6.2
NE	8.9	4.6	.6	.4	.4	.6	.1					15.5	4.7
ENE	9.3	4.1	.1		.1							13.7	3.1
E	2.2	1.7	.1									4.0	3.3
ESE	.5	.2	.2									.9	4.9
SE	.1			.1								.2	7.0
SSE	.2	.5		.1								.8	5.3
S	1.1	.2	.1	.1								1.5	3.6
SSW	.4	.1	.1	.5	.2							1.3	10.5
SW	.2		.1	.1								.5	7.0
WSW	.2	.4	.2	.1								.9	6.9
W	.2		.1									.4	4.3
WNW	.4	.1	.2									.7	4.3
NW	.2	.4	.1									.7	4.7
NNW	.5	.8	.8	.2								2.4	6.7
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	25.3	//////
TOTALS	30.7	25.4	12.1	4.1	1.2	1.1	.1					100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.5	4.3	4.0	1.3	.2							11.3	7.0
NNE	5.4	6.5	3.2	.5	.2	.5						16.3	5.7
NE	10.9	5.8	.9	.2		.4	.1					18.3	4.1
ENE	8.9	3.9	.6	.1								13.5	3.[illegible]
E	3.4	.8	.2									4.5	2.9
ESE	.2											.2	2.0
SE	.4	.1										.5	2.5
SSE	.4	.1	.1									.6	3.4
S	.1	.1	.1	.2								.6	7.8
SSW	.5	.4	.4	.9	.1	.1						2.2	9.5
SW	.2	.2	.2	.1								.8	6.7
WSW	.1	.1										.2	3.0
W	.5	.6	.1									1.2	4.0
WNW	.2	.1										.4	3.0
NW	.2	.2										.5	3.3
NNW	.4	.7	.4	.2								1.7	6.2
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	27.2	//////
TOTALS	33.3	24.0	10.3	3.5	.6	.9	.1					100.0	3.6

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.7	4.0	4.0	1.9								11.6	7.3
NNE	5.9	7.6	1.8	1.1	.2	.6	.1					17.3	5.7
NE	8.3	4.1	.7	.6	.5	.5	.1					14.9	5.1
ENE	9.8	4.0	.5	.1								14.4	3.1
E	4.1	1.1	.1		.1							5.4	3.0
ESE			.1	.1								.2	11.0
SE	.1											.1	3.0
SSE	.2	.4		.1								.7	5.3
S	.6	.4	.1									1.1	3.6
SSW	.6	.4	.1	.1	.4							1.5	7.8
SW	.2	.2	.4	.4								1.2	8.3
WSW	.2	.4										.6	3.2
W		.4	.4	.2								.9	8.6
WNW	.1	.1	.4									.6	7.0
NW	.1	.2										.4	4.7
NNW	6	1.1	1.2									2.8	5.5
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	26.4	//////
TOTALS	32.6	24.2	9.7	4.6	1.2	1.1	.2					100.0	3.8

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.3	2.7	4.4	2.0	.5							10.9	8.2
NNE	5.8	7.1	4.3	1.2	1.2	.7	.1					20.3	7.1
NE	7.2	5.0	.2	.2		.1						12.8	3.6
ENE	6.3	3.2	.2	.1								9.8	3.1
E	2.6	1.5										4.1	3.1
ESE	.4	.1	.1	.1								.7	5.3
SE	.2	.2			.1							.6	6.0
SSE	.7	.5	.2	.1								1.5	5.2
S	.1	.5	.4	.2								1.2	7.1
SSW	.4	.6	.4	.6	.1							2.0	8.4
SW	.1	.1	.4									.6	6.2
WSW	.2	.5	.4	.1								1.2	6.2
W	.5	.4	.1	.1								1.1	4.9
WNW	.4	.4	.2									.9	4.3
NW	.1	.2	.1									.5	5.3
NNW	.2	.7	.8	.2								2.0	6.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	29.8	//////
TOTALS	26.5	23.6	12.2	5.1	1.9	.9	.1					100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.1	6.9	4.7	1.9	.5							18.1	6.6
NNE	6.5	9.3	4.1	.9	.8	.8	.2					22.8	6.7
NE	2.4	3.5	.9	.9	.1	.2		.1				8.3	6.7
ENE	2.0	1.7	.1	.1								3.9	3.7
E	1.5	.8	.4									2.7	3.8
ESE	.5	.4		.6								1.4	7.3
SE	.1	.2										.4	3.3
SSE	.5	.2	.2	.5	.1							1.5	8.2
S	1.2	.5	.6	.5								2.7	5.9
SSW	.1	.4	.9	.4								1.8	8.7
SW	.4	.5	.5	.4								1.7	7.5
WSW	.9	.2	.1	.4								1.7	5.2
W	.7	.5	.4									1.5	4.5
WNW	.5	.1	.4									.9	4.5
NW	.4		.1									.5	4.0
NNW	.8	1.3	.6	.1								2.8	5.2
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	27.3	//////
TOTALS	22.6	26.5	14.1	6.6	1.5	1.1	.2	.1				100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 1500-1700

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
	WIND SPEED IN KNOTS												
N	3.5	6.3	5.0	1.5	.4							16.7	6.4
NNE	6.0	9.9	4.0	1.2	1.5	.8	.1					23.6	7.0
NE	3.9	2.4	1.5	.2	.2	.4	.4	.1				9.1	6.9
ENE	3.2	1.7	.2	.1								5.2	3.4
E	1.2	.6	.2									2.0	3.8
ESE	.8		.4									1.2	4.4
SE	.7		.1									.8	2.7
SSE	.1	.5	.2									.8	5.7
S	.7	.8	.4	.2								2.1	5.2
SSW	.6	.4	.2	.4								1.5	6.4
SW	.6	.6	.4	.8								2.4	7.4
WSW	.7	.6	.1	.1								1.5	4.7
W	1.3	1.4	.2									3.0	3.7
WNW	1.1	.6	.2	.2								2.1	4.6
NW	.4	.1	.2									.7	4.0
NNW	.8	.9	.8	.6								3.2	6.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	24.0	//////
TOTALS	25.7	26.7	14.3	5.4	2.1	1.2	.5	.1				100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 946

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.8	4.4	4.1	1.7	.2							12.2	7.2
NNE	6.9	5.0	3.4	1.9	.6	.6	.8					19.1	7.5
NE	6.9	2.7	.2	.9	.6	.7						12.1	5.8
ENE	6.4	2.6	.4									9.3	2.9
E	2.0	1.1	.4									3.4	3.5
ESE	.7	.2	.1									1.1	3.8
SE	.1	.2		.2								.6	7.2
SSE	.5	.2		.4	.1							1.2	7.6
S	.4	.2	.4	.4								1.3	7.0
SSW	.5	.4	.1	.4	.2							1.5	8.2
SW	.5	.5	.2	.4								1.5	6.6
WSW	.5	.1	.2									.8	3.7
W	.7	.2	.5									1.4	4.9
WNW	.4	.9										1.3	4.0
NW	.2	.1										.4	3.7
NNW	1.9	.9	.6	.2								3.7	4.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	29.1	//////
TOTALS	30.1	19.9	10.6	6.4	1.8	1.3	.8					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 946

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.7	3.4	6.9	1.8	.2							13.9	7.6
NNE	4.7	5.3	3.1	1.5	1.3	.2						16.2	7.0
NE	9.5	4.5	.8	.7	.5	.5	.2					16.7	5.0
ENE	9.7	3.5	.2			.1						13.6	3.0
E	2.2	1.1	.2									3.5	3.5
ESE	.4	.5										.8	3.4
SE	.1	.2		.1								.5	5.3
SSE		.1										.1	6.0
S		.2	.6	.1								.9	8.3
SSW	.4	.4	.7	.4	.1							1.9	7.9
SW	.2	.5	.5	.1								1.3	6.6
WSW	.2	.4	.2	.1								.9	6.1
W	.6		.5	.1								1.2	5.8
WNW	.4	.1	.1									.6	3.8
NW	.2	.2	.2									.7	4.8
NNW	.8	.6	1.7	.1								3.0	6.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	24.1	//////
TOTALS	30.9	21.0	15.7	5.1	2.1	.9	.2					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.2	4.5	4.8	1.7	.3							13.5	7.1
NNE	5.7	7.3	3.5	1.1	.8	.6	.2					19.2	6.7
NE	7.2	4.1	.8	.5	.3	.4	.1	.0				13.4	5.0
ENE	6.9	3.1	.3	.1	.0	.0						10.4	3.2
E	2.4	1.1	.2		.0							3.7	3.3
ESE	.4	.2	.1	.1								.8	5.1
SE	.2	.1	.0	.1	.0							.5	4.6
SSE	.3	.3	.1	.1	.0							.9	6.2
S	.5	.4	.3	.2								1.4	5.8
SSW	.4	.4	.4	.4	.1	.0						1.7	8.4
SW	.3	.3	.3	.3								1.2	7.2
WSW	.4	.3	.2	.1								1.0	5.2
W	.6	.4	.3	.1								1.3	4.8
WNW	.4	.3	.2	.0								.9	4.5
NW	.2	.2	.1									.5	4.3
NNW	.7	.9	.9	.2								2.7	5.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	26.6	//////
TOTALS	29.0	23.9	12.4	5.1	1.6	1.0	.3	.0				100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.2	6.5	5.7	.8								16.1	6.1
NNE	5.8	7.0	3.2	.6								16.7	4.9
NE	8.2	3.7	1.0									12.8	3.2
ENE	7.8	1.5	.2									9.6	2.5
E	1.3	.1	.1									1.5	2.6
ESE	.2	.1	.1									.4	4.0
SE	.1			.1								.2	8.5
SSE	.4	.2		.2	.1							1.0	6.9
S	.4	.3	.6	.2								1.6	6.8
SSW		1.0	.6	.5								2.2	7.9
SW	.2	.3	.4	.1								1.1	6.4
WSW	.3	.4	.2									1.0	4.8
W	.4	1.0	.3									1.7	4.7
WNW	.1	.4		.1								.6	6.3
NW	.2	.2										.4	3.8
NNW	.5	1.0	.8	.1								2.4	6.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	30.8	//////
TOTALS	29.4	23.7	13.3	2.8	.1							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.7	5.1	6.1	.4								14.3	6.1
NNE	7.3	8.5	3.0	.3	.1							19.2	4.5
NE	9.0	3.7		.1								12.8	2.8
ENE	8.5	1.3	.1									9.9	2.5
E	1.8	1.1	.1									3.0	3.2
ESE	.9	.1										1.0	2.1
SE		.1										.1	4.0
SSE	.4	.2	.1	.2								1.0	5.7
S	.5	1.2	.6	.1								2.5	5.5
SSW	.8	.6	.4	.5								2.4	6.8
SW	.1			.1								.2	7.0
WSW	.3	.3	.1									.8	3.9
W	.2	.2	.2	.1								.8	6.4
WNW	.5	.1	.1									.8	3.7
NW	.4	.3										.8	3.1
NNW	.5	.4	.6									1.6	5.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	29.0	//////
TOTALS	34.1	23.2	11.6	1.9	.1							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.4	5.1	4.6	.9								14.0	6.0
NNE	6.7	7.5	2.3	.3								16.8	4.3
NE	10.8	3.8	.6		.1							15.3	3.0
ENE	9.6	2.5										12.0	2.5
E	2.2	.4										2.6	2.4
ESE	.2	.9										1.1	4.3
SE	.2		.1									.3	4.3
SSE	.2	.1		.4								.8	8.4
S	1.0	.2	.9	.2								2.3	5.9
SSW	.6	.8	.5	.4								2.4	6.4
SW	.4	.1	.1									.6	3.5
WSW	.3	.3										.6	3.2
W	.1	.2	.2									.5	5.4
WNW	.1	.4	.1									.6	4.7
NW	.1	.2										.3	3.0
NNW	.6	.6	.2									1.5	4.0
VARIABLE													
CALM	//////////											28.3	//////
TOTALS	36.6	23.1	9.7	2.3	.1							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.3	7.4	3.5	.5	.1							15.9	5.2
NNE	7.6	12.3	3.8	.2								23.9	4.6
NE	5.2	2.5	.5									8.2	3.3
ENE	3.7	1.5	.1									5.3	3.0
E	1.7	.3										2.0	2.2
ESE	.4	.4										.9	3.1
SE	.4	.2										.6	2.7
SSE	.4	.1		.1		.1						.8	6.9
S	1.6	.3	.8	.2	.1							3.0	5.5
SSW	1.0	.6	1.1	.3								3.0	6.0
SW	.1	.5	.6	.1								1.4	6.8
WSW	.4	.3	.1									.9	4.3
W	1.1	1.0	.2									2.3	3.8
WNW	.4	.3	.1									.9	3.9
NW	.3		.2									.5	4.6
NNW	.9	1.1	.4	.1								2.5	5.2
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	28.1	//////
TOTALS	29.6	28.9	11.5	1.6	.2	.1						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	5.9	10.3	4.5	.6								21.4	5.2
NNE	6.5	12.8	4.4	.3								24.0	4.9
NE	1.9	1.6	.5	.4								4.5	5.0
ENE	1.1	.6										1.7	3.1
E	.5	.2		.3								1.1	6.3
ESE	.8	.1										.9	2.1
SE		.1		.1								.2	8.5
SSE	.2	.2	.1	.2								.8	6.4
S	.9	1.0	.6	.3	.2							3.0	6.8
SSW	1.2	1.1	.9	.1	.1							3.3	5.3
SW	1.2	.4	.6	.2								2.5	5.1
WSW	.8	.6	.1	.1								1.6	4.5
W	2.5	1.6	.6	.2								4.9	4.2
WNW	.3	.6	.1									1.1	4.1
NW	.8	.8	.1									1.6	3.8
NNW	3.0	3.1	.6									6.8	3.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	20.6	//////
TOTALS	27.4	35.3	13.3	3.0	.3							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	6.1	8.4	3.3	.9	.1							18.8	5.1
NNE	5.9	12.5	3.3	1.2								22.9	5.1
NE	1.6	1.4	1.1	1.0								5.1	6.3
ENE	.5	.6	.2									1.4	4.5
E	.8	.1	.2	.2								1.3	4.8
ESE	.2	.1	.1									.4	5.0
SE	.1	.1										.2	4.0
SSE	.1	.3	.2	.1								.8	6.9
S	.9	.5	1.1	.4	.1							3.0	7.1
SSW	.9	.3	.5	.3								2.0	6.3
SW	.5	.3	.1									1.0	4.0
WSW	3.2	1.6	.4	.1								5.4	3.6
W	4.0	4.5	1.0									9.5	3.9
WNW	1.0	.6	.3									1.9	3.7
NW	1.4	.9	.2									2.5	3.5
NNW	2.7	2.6	.5	.1								5.9	4.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	18.0	//////
TOTALS	29.9	34.9	12.7	4.3	.2							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.2	5.4	3.8	.5								12.9	5.7
NNE	8.2	7.0	3.9	1.0								20.0	4.8
NE	4.9	1.7	.6	.5								7.8	3.9
ENE	2.3	1.1	.1	.1								3.5	3.3
E	.5	.1	.2									.9	4.0
ESE	.1	.1	.1			.1						.4	9.8
SE	.1											.1	3.0
SSE	.3	.1	.1									.5	4.4
S	.4	.4	.2	.3								1.4	6.2
SSW	.3	.5	.8	.4								2.0	8.2
SW	.2	.4	.2	.2								1.1	6.9
WSW	1.9	.4	.2									2.5	3.0
W	4.6	3.1	.9	.1								8.7	3.7
WNW	1.5	.9	.1									2.5	3.4
NW	1.0	.4	.2									1.6	3.7
NNW	1.7	1.5	.4									3.7	4.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	30.3	//////
TOTALS	31.3	23.2	11.8	3.2		.1						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.7	5.9	4.4	.4								13.4	5.7
NNE	4.9	5.3	3.5	.9								14.6	5.3
NE	7.7	4.9	.9	.2								13.7	3.5
ENE	4.9	1.2	.1									6.2	2.8
E	1.1	.2		.1								1.4	3.1
ESE	.3	.1										.4	3.1
SE	.2	.1										.3	2.7
SSE	.3	.1		.2								.6	6.5
S	.3	.6	.8	.1								1.8	6.5
SSW	.8	1.0	.8	.3								2.8	6.3
SW	.2	.4	.3	.1								1.1	6.3
WSW	.4	.3	.1	.1								1.0	4.9
W	.8	.1	.1	.1								1.1	3.7
WNW		.1										.1	4.0
NW	.3	.3	.3									1.0	5.3
NNW	1.1	.8	.8	.1								2.7	4.8
VARIABLE													
CALM	//////////											37.7	//////
TOTALS	26.1	21.4	12.0	2.7								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): ALL

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
	WIND SPEED IN KNOTS												
N	4.0	6.7	4.5	.6	.0							15.9	5.6
NNE	6.6	9.1	3.4	.6	.0							19.8	4.8
NE	6.2	2.9	.7	.3	.0							10.0	3.5
ENE	4.8	1.3	.1	.0								6.2	2.7
E	1.2	.3	.1	.1								1.7	3.3
ESE	.4	.2	.0			.0						.7	3.8
SE	.1	.1	.0	.0								.3	4.3
SSE	.3	.2	.1	.2	.0	.0						.8	6.6
S	.8	.6	.7	.2	.1							2.3	6.3
SSW	.7	.7	.7	.4	.0							2.5	6.5
SW	.4	.3	.3	.1								1.1	5.7
WSW	1.0	.6	.2	.0								1.7	3.8
W	1.7	1.5	.4	.1								3.7	4.0
WNW	.5	.4	.1	.0								1.[illegible]	4.0
NW	.6	.4	.1									1.1	3.8
NNW	1.4	1.4	.6	.1								3.4	4.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	27.8	//////
TOTALS	30.5	26.7	12.0	2.7	.1	.0						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.9	7.2	5.0	.8								15.9	6.0
NNE	5.7	4.9	1.1									11.6	3.9
NE	7.8	1.9	.2									9.9	2.7
ENE	3.4	1.3	.1	.1								5.0	3.1
E	.9	.1	.1	.1								1.2	3.8
ESE	.1			.1								.2	9.0
SE	.3			.2								.6	6.6
SSE	.2	.2		.1								.6	5.0
S	1.1	1.2	1.2	.1								3.7	5.3
SSW	.9	1.4	1.2	.1								3.7	5.6
SW	.9	.3	.2	.2								1.7	4.9
WSW	1.1	.6	.1	.1								1.9	3.9
W	.9	1.0	.3									2.2	4.1
WNW	.7	.1										.8	2.4
NW	.7	.2	.1									1.0	3.2
NNW	1.1	1.0	.9									3.0	4.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	37.2	//////
TOTALS	28.7	21.4	10.7	2.0								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.7	6.2	6.1	.4								16.4	5.8
NNE	6.0	4.7	2.0	.3		.1						13.1	4.5
NE	7.2	1.6	.1									8.9	2.5
ENE	5.1	1.1	.1									6.3	2.7
E	2.2	.3				.1						2.7	3.4
ESE	.2	.1										.3	2.7
SE	.2	.1										.3	3.3
SSE	.6	.2										.8	2.7
S	.6	2.2	.4									3.2	4.8
SSW	1.2	1.7	1.0	.2								4.1	5.4
SW	.3	.3		.1								.8	4.9
WSW	.7	.2	.2									1.1	3.9
W	1.0	.9										1.9	3.2
WNW	.1	.1										.2	2.5
NW	.3	.2										.6	3.6
NNW	1.1	1.6	.4	.2								3.3	4.9
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	35.9	//////
TOTALS	30.6	21.6	10.4	1.3		.2						100.0	2.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.3	5.8	5.1	1.3	.1							15.7	6.1
NNE	8.0	5.8	2.4	.1								16.3	4.1
NE	6.4	2.3	.4									9.2	3.0
ENE	4.9	1.1										6.0	2.6
E	1.4	.1										1.6	1.9
ESE	.1											.1	3.0
SE	.3											.3	1.7
SSE	.4											.4	2.0
S	.4	1.8	.9									3.1	5.2
SSW	1.0	1.3	.6									2.9	4.5
SW	.9	.4										1.3	3.2
WSW	.9	.3	.1									1.3	3.1
W	1.1	.4										1.6	2.7
WNW	.1											.1	2.0
NW	.4	.3	.1									.9	3.3
NNW	1.3	1.0	.9									3.2	4.4
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	35.9	//////
TOTALS	31.2	20.8	10.6	1.4	.1							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	8.8	12.1	3.3	.3								24.6	4.6
NNE	6.2	7.7	4.2	.9								19.0	5.1
NE	1.6	1.1	.4	.2								3.3	4.5
ENE	1.2	.3	.4	.2								2.2	4.9
E	.4	.3	.1									.9	4.0
ESE	.3	.1										.4	2.0
SE	.3	.1			.1							.6	6.0
SSE	.7	.2										.9	2.6
S	1.8	.4		.2								2.4	3.2
SSW	1.3	.7	.1	.7	.1							2.9	5.8
SW	1.3	.7	.4									2.4	4.1
WSW	1.4	.7	.3									2.4	3.6
W	2.4	2.6	1.0	.1								6.1	4.4
WNW	1.1	.7	.2	.1								2.1	4.1
NW	1.3	1.0	.2									2.6	3.7
NNW	2.6	3.8	1.6									7.9	4.6
VARIABLE													
CALM	//////////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	19.2	//////
TOTALS	32.9	32.4	12.4	2.8	.2							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	5.8	12.1	5.6	.9								24.3	5.4
NNE	4.2	4.1	3.3	1.4								13.1	5.8
NE	.1	.9	.9		.1							1.9	6.9
ENE	.7	.4	.1	.2								1.4	5.2
E	.1		.2									.3	6.7
ESE	.4		.1									.6	2.8
SE			.1									.1	8.0
SSE				.1								.1	12.0
S	.7	.2	1.1	.2								2.2	6.9
SSW	.8	.7	.6	.6								2.9	6.6
SW	.2	.6	.1	.1								1.0	5.1
WSW	1.9	3.4	2.0	.1								7.4	5.2
W	3.6	8.9	4.0	.2								16.7	5.3
WNW	1.4	3.6	1.1									6.1	4.7
NW	1.3	.9	.7									2.9	4.3
NNW	3.1	5.0	1.7									9.8	4.6
VARIABLE													
CALM	//////////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	9.2	//////
TOTALS	24.3	40.8	21.7	3.9	.1							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.8	5.8	3.7	.8								13.0	5.8
NNE	2.8	4.0	2.4	1.4	.1							10.9	6.2
NE	.7	1.0	.7	.4	.1							2.9	6.9
ENE	.6		.3									.9	4.9
E	.1	.3	.3	.3								1.1	7.2
ESE	.3	.1	.1	.2								.8	6.4
SE		.2	.1	.2								.6	8.4
SSE	.3	.3	.3	.1								1.1	6.2
S	.4	.6	1.0	.4								2.4	7.6
SSW	.1	.6	1.1	.2								2.0	7.9
SW	.2	.9	.1									1.2	4.5
WSW	1.8	3.8	2.1	.3								8.0	5.4
W	5.0	12.9	13.3	1.0								32.2	6.0
WNW	1.9	3.8	1.3									7.0	4.8
NW	.7	1.2	.4	.1								2.4	4.9
NNW	3.6	3.0	1.2	.2								8.0	4.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	5.6	//////
TOTALS	21.2	38.4	28.7	5.9	.2							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND SPEED
N	3.8	4.9	3.1	.7								12.4	[illegible]
NNE	1.7	2.4	2.1	1.2	.2							[illegible]	[illegible]
NE	1.1	.7	.9	.8	.1							[illegible]	[illegible]
ENE	.9	.6	.2									[illegible]	[illegible]
E	.2	.4	.3	.2								1.2	[illegible]
ESE	.3	.3	.2	.2								1.1	[illegible]
SE	.1	.1	.3									[illegible]	[illegible]
SSE	.2	.8	.7	.1								[illegible]	[illegible]
S	.9	.9	1.4	.3								[illegible]	[illegible]
SSW	.4	1.3	.6	.1								[illegible]	[illegible]
SW	1.1	.8	.7	.2								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	7.8	[illegible]	4.9	[illegible]								[illegible]	[illegible]
WNW	2.9	2.4	[illegible]									[illegible]	[illegible]
NW	1.4	.8	.2									[illegible]	[illegible]
NNW	[illegible]	1.9	[illegible]	[illegible]								[illegible]	[illegible]
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	[illegible]	//////
TOTALS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS: [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 2100-2300

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	[illegible]	5.9	4.1	.4								13.8	5.4
NNE	4.1	2.2	2.6	.2	.1							9.2	4.9
NE	3.6	1.4	.4	.3								5.8	3.7
ENE	2.1	.8	.2									3.1	3.5
E	1.1	.4										1.6	3.1
ESE	.4	.2										.7	2.8
SE	[illegible]		.1									.4	4.0
SSE	[illegible]	.1	.4									1.3	4.8
S	.6	.8	1.0									2.3	5.9
SSW	.9	.9	.8	.2								2.8	5.6
SW	[illegible]	.6	[illegible]	.3								2.6	4.8
WSW	[illegible]	1.4	.1	.1								3.0	4.0
W	[illegible]	1.4	.1									4.1	3.2
WNW	[illegible]	1.3										2.9	3.0
NW	[illegible]	.4										1.4	2.8
NNW	[illegible]	[illegible]	.4	[illegible]								4.7	5.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	40.3	//////
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	.1							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS: [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.7	7.5	4.5	.7	.0							17.0	5.5
NNE	4.8	4.5	2.5	.7	.1	.0						12.6	5.0
NE	3.6	1.4	.5	.2	.0							5.7	3.8
ENE	2.4	.7	.2	.1								3.3	3.3
E	.8	.3	.1	.1		.0						1.3	4.1
ESE	.3	.1	.1	.1								.5	4.7
SE	.2	.1	.1	.1	.0							.4	5.7
SSE	.4	.2	.2	.1								.9	5.0
S	.8	1.0	.9	.2								2.9	5.7
SSW	.8	1.1	.8	.3	.0							3.0	5.8
SW	.8	.6	.2	.1								1.7	4.6
WSW	1.4	1.7	.7	.1								4.0	4.6
W	3.0	5.1	3.0	.2								11.3	5.1
WNW	1.2	1.5	.4	.0								3.1	4.1
NW	.9	.6	.2	.0								1.8	3.8
NNW	2.1	2.4	1.1	.2								5.8	4.7
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	24.7	//////
TOTALS	28.0	28.8	15.4	3.0	.1	.0						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.1	3.5	1.0	.1								7.7	4.1
NNE	5.5	3.0	.5									9.0	3.3
NE	7.3	1.2	.3									8.8	2.6
ENE	4.0	2.0	.1									6.1	2.9
E	1.2	.8	.2									2.2	3.6
ESE	.3	.3	.2									.9	4.8
SE	.2	.1										.3	3.0
SSE	.8	.3	.1									1.2	3.7
S	1.9	4.3	1.6	.5								8.4	5.4
SSW	1.5	3.7	2.2	.4								7.7	5.6
SW	1.2	1.4	1.2	.3								4.1	5.7
WSW	1.1	1.2	.1	.3								2.7	5.0
W	1.9	1.0	.3	.1								3.3	3.7
WNW	1.0	.5										1.5	2.9
NW	.5	.4										1.0	3.4
NNW	1.7	1.4	.4									3.5	3.9
VARIABLE													
CALM	//////////											31.5	//////
TOTALS	33.2	25.2	8.3	1.8								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 79-87
MONTH: MAY HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.7	4.0	1.6									8.3	4.6
NNE	4.3	2.0	.6									7.0	3.3
NE	7.4	1.9	.5	.1								10.0	3.0
ENE	5.7	1.7										7.4	2.5
E	.9	.5	.1									1.5	3.2
ESE	.4											.4	1.3
SE	.5	.2										.8	2.6
SSE	1.0	.2		.1								1.3	3.3
S	2.9	2.2	.9									5.9	4.0
SSW	1.1	3.0	1.1	.3	.3							5.8	6.1
SW	.8	1.0	.2	.1								2.0	4.8
WSW	.5	.4	.2	.2								1.4	5.2
W	1.8	.9	.2									2.9	3.3
WNW	.2	.9										1.1	4.2
NW	.3	.1										.4	3.0
NNW	1.0	1.2	.3									2.5	4.0
VARIABLE													
CALM	//////////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	41.1	//////
TOTALS	31.5	20.2	5.8	.9	.3							100.0	2.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	5.4	3.8	1.7									10.9	3.8
NNE	4.7	4.5	.8	.1								10.1	3.9
NE	3.8	.5	.2	.3								4.8	3.3
ENE	4.1	1.5	.1									5.7	2.8
E	1.9	.2	.1									2.3	2.5
ESE	.4	.1	.1									.6	3.2
SE		.1	.1	.1								.3	9.7
SSE	.5		.1									.6	3.2
S	1.9	1.1	.1	.1								3.2	3.6
SSW	1.2	3.0	2.4	.1								6.7	6.0
SW	1.1	1.6	.4	.3	.1							3.5	5.8
WSW	1.3	1.0	.1									2.4	3.4
W	2.9	1.6										4.5	3.1
WNW	1.2	.9										2.0	3.9
NW	.5	.9	.1									1.5	4.1
NNW	2.2	.8	.3									3.2	3.0
VARIABLE													
CALM	////////	////////	////////	////////	////////	////////	////////	////////	////////	////////	////////	[illegible]	//////
TOTALS	36.6	21.5	6.7	1.1	.1							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	6.1	7.2	1.7									15.1	4.2
NNE	2.6	5.1	1.0									8.6	4.4
NE	.9	.9	.8									2.5	5.1
ENE	.9	.3	.3									1.5	4.1
E	.2	.4	.2									.9	4.8
ESE	.2											.2	2.0
SE	.1	.1	.2	.2								.6	8.0
SSE	.2		.1									.3	5.0
S	1.0	.6	.5	.1								2.3	5.0
SSW	1.0	1.2	1.3	.3								3.8	6.0
SW	1.6	1.7	.9	.2								4.0	4.9
WSW	4.0	2.8	1.0	.2								8.0	4.2
W	5.9	9.6	2.9	.5								18.3	4.5
WNW	2.3	2.7	.6	.1								5.7	4.3
NW	2.9	1.5	.1									4.5	3.2
NNW	5.9	6.2	.4									12.6	3.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	11.3	//////
TOTALS	35.7	49.9	11.6	1.9								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.8	5.3	1.8									9.9	4.8
NNE	.9	3.0	1.2									5.1	5.1
NE		.3	.4	.2								1.0	8.4
ENE	.4	.3	.1	.2								1.1	5.4
E	.5	.8	.2	.2								1.7	5.5
ESE		.1										.1	6.0
SE		.1	.3									.4	7.8
SSE	.8	.4	.9	.3								2.4	6.7
S	.3	.6	1.0	.6								2.6	7.7
SSW	.5	1.0	.6	.5		.1						2.8	7.5
SW	.6	.9	.6	.8	.1							3.0	7.1
WSW	2.2	8.5	2.9	.5								14.1	5.4
W	4.1	19.1	10.6	1.3								35.2	6.0
WNW	1.9	3.3	1.8									7.1	4.9
NW	.9	1.5	1.0									3.3	5.1
NNW	1.7	4.1	1.2	.1								7.1	4.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.2	//////
TOTALS	17.6	49.4	24.7	4.8	.1	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.8	3.7	1.3	.2								5.9	5.4
NNE	.5	1.7	1.2									3.4	5.6
NE	.3	.2	.8	.3								1.6	7.5
ENE	.3	.5	.4	.2								1.5	6.4
E		.1	.4									.5	7.0
ESE	.1	.2	.4	.1								.9	7.3
SE	.1	.8	.6									1.5	6.5
SSE	.2	.4	1.2	1.1	.1							3.0	9.2
S	.1	.9	1.7	2.0	.1							4.8	9.9
SSW	.2	.9	1.2	1.3	.1							3.7	10.0
SW	.4	1.0	.8	1.2								3.3	7.8
WSW	1.2	3.5	4.1	.3	.1							9.2	6.5
W	3.4	16.6	21.4	3.2								44.6	7.0
WNW	1.2	3.8	1.6	.1								6.7	5.5
NW	1.0	1.1	.3	.1								2.5	4.4
NNW	1.1	3.0	.4	.1								4.6	4.4
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	2.2	//////
TOTALS	11.0	38.3	37.8	10.3	.4							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.7	3.4	1.0									6.1	4.5
NNE	1.6	2.4	.9									4.8	4.7
NE	.6	1.2	.3									2.2	4.8
ENE	.4	.5	.6									1.6	5.7
E	.4	1.2	1.1									2.7	5.6
ESE	.2	.4	.5									1.2	6.5
SE	.1	.6	.3	.1								1.2	6.2
SSE	.6	.5	.9	.2								2.3	6.1
S	.5	1.3	4.0	2.0								7.8	8.9
SSW	.9	1.5	2.2	1.6								6.1	8.1
SW	.6	1.4	2.0	1.0								5.1	7.4
WSW	1.0	3.4	1.8	.4	.1							6.8	6.0
W	4.4	15.3	11.3	1.7								32.7	6.1
WNW	2.5	2.4	1.3	.1								6.2	4.6
NW	1.1	1.1	.4									2.6	4.3
NNW	1.4	2.9	.2									4.5	4.0
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	6.1	//////
TOTALS	18.2	39.6	28.8	7.2	.1							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.2	4.3	.4									8.0	3.7
NNE	3.8	2.6	.6									7.0	3.6
NE	2.7	.9	.1									3.7	2.7
ENE	1.5	.5	.2									2.3	3.4
E	1.3	1.6	.1									3.0	3.9
ESE	1.1	.9	.2									2.2	3.9
SE	.9	.2	.2									1.3	3.6
SSE	.9	.6	.1									1.6	4.0
S	2.0	2.2	1.3	.2								5.7	5.1
SSW	1.6	1.6	2.9	.6								6.8	6.6
SW	1.4	1.4	1.6	.2		.1						4.7	6.1
WSW	2.0	2.5	.6	.2								5.4	4.5
W	5.6	4.6	1.6	.2								12.0	4.2
WNW	2.3	.9	.3									3.4	3.2
NW	1.8	1.2	.1									3.1	3.6
NNW	2.9	1.6	.6									5.2	3.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	24.7	//////
TOTALS	34.9	27.5	11.2	1.5		.1						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.2	4.4	1.3	.0								9.0	4.7
NNE	3.0	3.0	.8	.0								6.9	4.1
NE	2.9	.9	.4	.1								4.3	3.5
ENE	2.2	.9	.2	.1								3.4	3.7
E	.8	.7	.3	.0								1.8	4.1
ESE	.3	.3	.2	.0								.8	4.6
SE	.2	.3	.2	.1								.8	5.6
SSE	.6	.3	.4	.2	.0							1.6	6.1
S	1.3	1.6	1.4	.7	.0							5.1	6.1
SSW	1.0	2.0	1.7	.7	.1	.0						5.4	6.8
SW	1.0	1.2	1.0	.5	.0	.0						3.7	6.3
WSW	1.7	2.9	1.4	.7	.0							6.7	5.3
W	3.7	8.6	6.0	.9								19.1	5.8
WNW	1.6	1.9	.7	.0								4.3	4.5
NW	1.1	1.0	.3	.0								2.4	4.2
NNW	2.2	2.6	.5	.0								5.4	3.9
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	19.8	//////
TOTALS	26.9	32.7	16.9	5.6	.1	.0						100.2	4.1

TOTAL NUMBER OF OBSERVATIONS: 7446

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.1	2.6	1.1									6.8	4.3
NNE	3.9	1.7	.1									5.7	2.8
NE	6.1	2.0	.1									8.4	2.8
ENE	2.7	1.1	.2									4.0	3.0
E	1.8	.7	.1	.1								2.7	4.0
ESE	1.0	.6	.1									1.7	3.3
SE	.7	.1										1.0	3.3
SSE	1.8	.4	.2	.1								2.6	3.6
S	3.4	3.1	1.3	.8								8.7	5.1
SSW	2.7	3.4	3.0	.7	.1							9.9	5.9
SW	1.1	2.2	.7									4.0	4.6
WSW	2.1	1.6	.6	.1								4.3	4.1
W	2.4	1.1	.7									4.2	3.8
WNW	.5	.7	.1	.1								1.8	3.8
NW	.4	.6	.1									1.1	3.8
NNW	1.1	1.7	.2									3.2	3.7
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	30.0	//////
TOTALS	35.4	28.7	8.9	1.9	.1							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

STATION NUMBER: [illegible] STATION NAME: [illegible]

DIRECTION (TOWARDS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+	MEAN SPEED (KNOTS)
N	[illegible]	[illegible]	[illegible]									
NNE	[illegible]	[illegible]	[illegible]									
NE	[illegible]	[illegible]	[illegible]									
ENE	[illegible]	[illegible]										
E	[illegible]	[illegible]	[illegible]									
ESE	[illegible]	[illegible]										
SE	[illegible]											
SSE	[illegible]	[illegible]	[illegible]									
S	[illegible]	[illegible]	[illegible]	[illegible]								
SSW	[illegible]	[illegible]	[illegible]	[illegible]								
SW	[illegible]	[illegible]	[illegible]	[illegible]								
WSW	[illegible]	[illegible]	[illegible]									
W	[illegible]	[illegible]	[illegible]									
WNW	[illegible]											
NW	[illegible]	[illegible]										
NNW	[illegible]	[illegible]	[illegible]									
VARIABLE												
CALM	[illegible]											
TOTALS	[illegible]	[illegible]	[illegible]	[illegible]								

TOTAL NUMBER OF OBSERVATIONS: [illegible]

[illegible] FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] NAME: [illegible] AFB, [illegible]

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 0001-1100

WIND DIR	WIND SPEED IN KNOTS								TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40		
[illegible]	2.8	7.8	1.7						11.9	4.7
[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
VARIABLE										
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	10.4	//////
TOTALS	59.1	26.2	14.1	1.5	.2				100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.3	4.2	1.1									8.7	4.2
NNE	1.1	1.7	.9									3.7	4.9
NE	.8	.7	.2									1.7	4.3
ENE	.6	.7										1.2	3.4
E	.8	.4										1.2	2.9
ESE	.1	.2	.1									.4	5.3
SE	.2	.2	.1	.1								.7	6.0
SSE	.1	1.0	.2	.1								1.4	6.2
S	.4	.9	.9	1.3								3.6	8.6
SSW	.1	.6	.3	.7	.3							2.0	11.0
SW	.7	.8	.3	.1								1.9	5.4
WSW	2.8	5.0	2.6	.2								10.6	5.3
W	5.1	18.6	14.6	.6								38.8	5.9
WNW	1.6	4.9	1.2									7.7	4.8
NW	.7	2.0	.7									3.3	5.1
NNW	2.4	3.6	1.0									7.0	4.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	6.2	//////
TOTALS	20.8	45.3	24.2	3.1	.3							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.4	3.8	1.4									7.7	4.4
NNE	1.7	2.1	.6									4.3	4.3
NE	.6	1.1	.1									1.8	4.1
ENE	.2	.2										.4	3.5
E	.1	.2	.1									.4	5.1
ESE	.2	.4	.3	.1								1.1	6.0
SE		.2	.4	.1								.8	7.7
SSE	.3	.3	1.6	.4								2.7	8.0
S	.3	.6	1.7	1.0	.2							3.8	9.4
SSW	.2	.4	1.6	1.1								3.3	9.1
SW	.2	1.3	1.1	1.1	.1							3.9	8.5
WSW	1.9	3.4	2.3	.4								8.1	5.7
W	3.3	17.2	20.2	2.7								43.4	6.8
WNW	1.3	4.8	2.2	.1								8.4	5.3
NW	1.0	.8	.3									2.1	4.1
NNW	1.2	2.3	.3									3.9	4.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.8	//////
TOTALS	15.1	39.3	34.3	7.1	.3							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.9	3.0	.6									6.4	4.1
NNE	1.7	1.8	.1									3.7	3.8
NE	.1	.8	.1									1.0	6.4
ENE	.6	.3										.9	3.1
E	.4	.4	.6	.1								1.6	5.4
ESE	.3	.2	.2									.7	5.1
SE	.3	.2										.6	3.8
SSE	.6	.4	1.2									2.2	5.4
S	.9	1.1	1.7	.9								4.6	7.1
SSW	.9	1.8	4.1	1.9	.2							8.9	8.1
SW	.2	1.9	1.0	1.4	.2							4.8	9.1
WSW	1.7	2.1	2.8	.7	.1							7.5	6.6
W	6.1	15.8	16.1	2.0								40.1	7.1
WNW	2.7	3.1	1.4									7.2	4.6
NW	1.2	.7	.2									2.1	3.9
NNW	1.2	1.7	.1									3.1	3.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	5.1	//////
TOTALS	21.8	35.3	30.2	7.0	.6							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 7[illegible] STATION NAME: CLEMENDORF AFB AK PERIOD OF RECORD: 70-87
MONTH: JUN HOURS(LST): 1300-2300

DIRECTION (TOWARDS)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.5	1.1	.2									[illegible]	[illegible]
NNE	5.1	1.4	.1									[illegible]	[illegible]
NE	1.1	.4										1.7	[illegible]
ENE	[illegible]	1.1										[illegible]	[illegible]
E	.5	.4	.1									[illegible]	[illegible]
ESE	.1	1.1										1.1	[illegible]
SE	1.1	.4		.1								[illegible]	[illegible]
SSE	1.4	.2	.4	.1								[illegible]	[illegible]
S	1.4	1.9	1.1	.4	.1							[illegible]	[illegible]
SSW	1.7	3.4	2.7	1.1								[illegible]	[illegible]
SW	1.4	2.7	1.4	.1								[illegible]	[illegible]
WSW	1.4	.1	.4	.4								[illegible]	[illegible]
W	2.7	2.1	1.4	.7								[illegible]	[illegible]
WNW	3.7	1.4	.7									[illegible]	[illegible]
NW	1.4	.4	.1									[illegible]	[illegible]
NNW	.1	1.1	.7									[illegible]	[illegible]
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	[illegible]	//////
TOTALS	32.4	28.6	12.1	.7	.1							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS: [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): ALL

DIRECTION (FROM)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.7	3.5	.9									7.7	4.1
NNE	2.7	2.0	.4									5.1	3.6
NE	2.6	1.7	.1									4.1	3.1
ENE	1.7	.6	.2									2.5	3.0
E	.9	.4	.2	.1								1.6	3.7
ESE	.5	.8	.1	.0								1.4	3.7
SE	.4	.2	.1	.1								.8	4.5
SSE	.8	.6	.5	.2								1.9	5.1
S	1.1	1.6	1.1	.6	.0							4.7	6.2
SSW	1.4	2.1	2.2	1.2	.1							6.9	6.9
SW	1.1	1.8	1.0	.4	.0							4.4	6.0
WSW	2.1	2.1	1.1	.2	.0							6.3	5.0
W	4.1	9.6	7.1	.7								22.1	5.7
WNW	2.1	2.6	.6	.1								5.4	4.3
NW	1.2	.9	.2									2.1	3.8
NNW	1.9	2.1	.7									4.7	4.1
VARIABLE													
CALM	//////////											18.7	//////
TOTAL*	28.1	36.8	16.8	7.1	.2							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.5	2.2	1.3	.1								4.8	5.7
NNE	3.0	.9	.1									4.0	2.7
NE	4.8	1.8										6.7	2.7
ENE	3.3	.5	.1									4.0	2.6
E	1.9	.4										2.4	2.5
ESE	.6	.2										.9	2.5
SE	.8	.4										1.2	3.1
SSE	.6	.2	.2									1.1	3.4
S	1.7	2.3	1.7	.3								6.0	5.4
SSW	2.8	4.3	2.4	.9								10.3	5.6
SW	1.4	3.2	2.2	.4								7.2	5.7
WSW	1.6	1.6	.6									3.9	4.4
W	2.4	2.9	.4									5.7	3.9
WNW	.9	.8										1.6	3.5
NW	.9	.5										1.4	3.0
NNW	.8	1.2	.8									2.7	4.9
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	36.2	//////
TOTALS	28.8	23.4	9.8	1.7								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.7	2.6	1.0									5.3	4.6
NNE	4.0	1.4	.4									5.8	3.1
NE	7.2	1.6	.1									8.9	2.7
ENE	3.4	1.5	.1									5.1	2.8
E	1.4	.6										2.0	2.7
ESE	.5											.5	2.0
SE	.8											.8	2.0
SSE	.6	.3		.2								1.2	4.2
S	2.2	2.9	.4	.2								5.7	4.2
SSW	1.9	4.5	2.5	.4								9.4	5.6
SW	2.0	2.5	1.1	.1								5.7	4.8
WSW	2.4	1.2	.2									3.8	3.3
W	2.0	1.3	.1									3.4	3.4
WNW	.6	.4	.2									1.3	3.8
NW	.3	.1										.4	2.0
NNW	.6	.3	.5									1.5	4.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	39.2	//////
TOTALS	31.8	21.3	6.7	1.0								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.9	2.6	1.8									8.3	4.2
NNE	5.2	2.6	.2									8.0	3.0
NE	4.6	1.3										5.9	2.6
ENE	3.8	.8	.1									4.6	2.6
E	1.2	.3										1.5	2.5
ESE	.8	.1										.9	2.3
SE	.4	.1										.5	2.6
SSE	.9	.6	.1									1.6	3.3
S	1.7	2.0	1.0	.3								5.1	5.0
SSW	2.0	3.9	1.9	.4								8.3	5.4
SW	1.9	2.5	1.6	.2								6.2	4.9
WSW	2.8	1.4	.6									4.8	3.6
W	3.1	2.5	.6									6.2	3.7
WNW	.6	1.0										1.6	3.7
NW	.6	.5	.2									1.4	3.4
NNW	1.9	.6	.4									3.0	3.5
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	32.7	//////
TOTALS	35.5	22.9	8.7	1.0								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	6.9	7.5	1.3									15.7	3.5
NNE	3.3	2.2	.4									5.9	3.3
NE	1.2	.3										1.5	2.6
ENE	1.6	.6										2.3	2.8
E	.3	.2										.5	2.8
ESE	.2											.2	1.5
SE	.2											.2	1.5
SSE	.5	.1										.6	2.2
S	.5	.5	.2									1.3	4.1
SSW	1.3	1.8	1.9	.8								5.8	6.7
SW	1.4	1.9	1.7	.9								5.9	6.4
WSW	2.3	4.0	1.6	.1								8.0	4.7
W	7.7	9.8	2.2	.1								19.8	4.2
WNW	4.2	2.0	.2	.1								6.6	3.2
NW	2.5	1.3										3.8	3.0
NNW	3.7	2.8	.6									7.1	3.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	14.8	//////
TOTALS	37.8	35.2	10.2	1.9								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

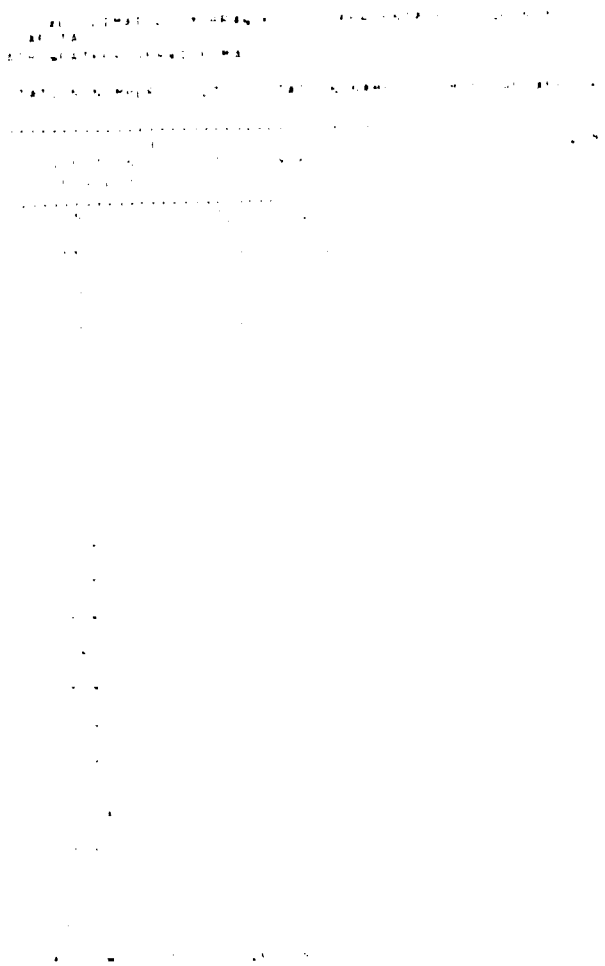
PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

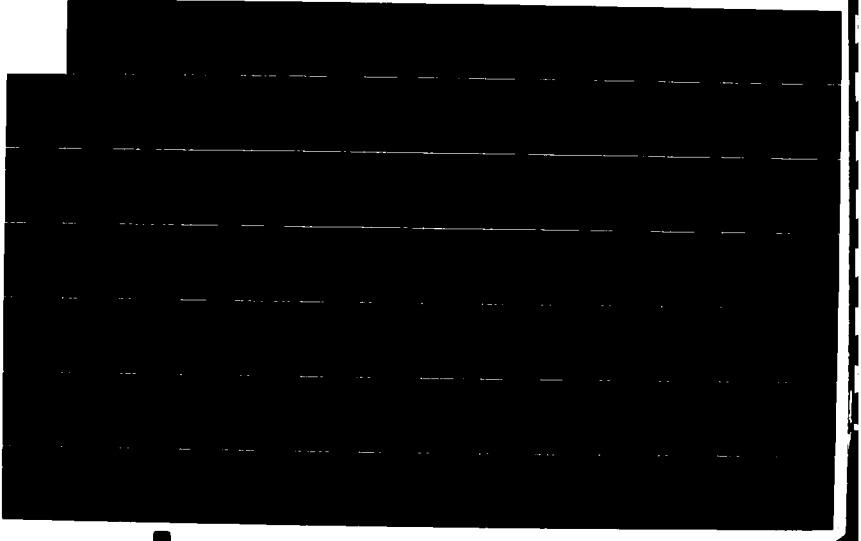
PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 12[illegible]-14[illegible]

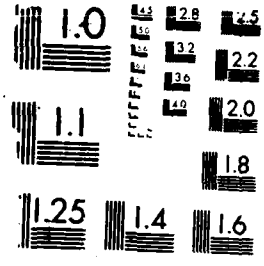
DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND SPEED
N	4.0	4.5	1.7									[illegible]	[illegible]
NNE	3.3	3.9	.3									[illegible]	[illegible]
NE	1.0	.9	.1									[illegible]	[illegible]
ENE	.5	.3	.1	.1								[illegible]	[illegible]
E	.1	.3	.1									[illegible]	[illegible]
ESE	.2	.2										[illegible]	[illegible]
SE	.3	.1										[illegible]	[illegible]
SSE	.3	.1										[illegible]	[illegible]
S	.6	.4	.9	.1								[illegible]	[illegible]
SSW	.2	1.5	.6	.9	.1							[illegible]	[illegible]
SW	.5	1.1	1.2	.5								[illegible]	[illegible]
WSW	3.3	4.6	1.7	.1								[illegible]	[illegible]
W	4.4	17.6	8.0	.4								[illegible]	[illegible]
WNW	3.0	6.6	1.6	.1								[illegible]	[illegible]
NW	1.3	1.0	.2									[illegible]	[illegible]
NNW	4.3	3.0	.8									[illegible]	[illegible]
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	[illegible]	//////
TOTALS	27.5	46.1	17.3	2.3	.1							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS: 930



AD-A187 847 ELMENDORF AFB ALASKA REVISED UNIFORM SUMMARY OF SURFACE 2/4
WEATHER OBSERVATIONS PARTS A-F(U) AIR FORCE
ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A..
UNCLASSIFIED NOV 87 USAFETAC/DS-87/072 F/G 4/2 NL





M[illegible]COPY RESOLUTION TEST CHART

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.5	2.6	1.3									7.3	4.1
NNE	2.3	1.7	.5									4.5	3.8
NE	1.4	1.0	.2									2.6	3.7
ENE	.6	.4										1.1	3.1
E	.5		.2									.8	4.0
ESE	.4		.3									.8	4.7
SE	.2	.2										.4	3.0
SSE	.3	.2	.1									.6	3.8
S	.3	.4	1.5	.5								2.8	8.0
SSW	.2	.8	1.0	1.1	.1							3.1	9.2
SW	.6	1.1	.9	.1								2.7	5.6
WSW	1.6	2.9	1.4									5.9	4.8
W	8.5	21.3	12.7	.8	.2							43.5	5.5
WNW	3.0	3.8	1.2									8.0	4.1
NW	2.2	1.5	.3									4.0	3.7
NNW	1.9	1.5	.1									3.6	3.2
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	8.3	//////
TOTALS	27.7	39.4	21.8	2.5	.3							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 2100-2300

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEA WIN
N	3.1	1.9	.6	.1								5.8	3
NNE	3.3	1.2										4.5	2
NE	1.1	.8										1.8	3
ENE	.8	.4	.1									1.3	3
E	.8	.4	.1									1.3	3
ESE	.5	.2	.1									.9	3
SE	.5	.3										.9	2
SSE	.2	.5										.8	4
S	1.4	1.1	2.6	.1								5.2	6
SSW	1.2	2.0	2.0	.9								6.1	6
SW	1.0	1.5	1.1	.3								3.9	5
WSW	2.3	1.5	.9	.1								4.7	4
W	8.7	9.0	2.2	.1								20.0	3
WNW	3.5	2.0	.3									5.8	3
NW	1.7	.9	.1									2.7	3
NNW	1.6	1.2	.9									3.7	4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	30.6	////
TOTALS	31.7	25.0	11.0	1.6								100.0	2

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.5	3.5	1.3	.0								8.3	4.
NNE	3.4	2.1	.3									5.8	3.
NE	2.8	1.1	.1									3.9	2.
ENE	1.9	.7	.1	.0								2.6	2.
E	.8	.3	.1									1.2	3.
ESE	.4	.1	.1									.6	3.
SE	.4	.2	.0									.6	2.
SSE	.5	.3	.1	.0								.9	3.
S	1.1	1.3	1.1	.2								3.7	5.
SSW	1.3	2.5	1.6	.7	.0							6.1	6.
SW	1.1	1.8	1.3	.4		.0						4.6	5.
WSW	2.2	2.7	1.2	.1								6.1	4.
W	5.1	10.6	5.2	.4	.0							21.4	5.
WNW	2.3	2.7	.5	.0								5.6	4.
NW	1.3	.9	.2									2.4	3.
NNW	2.0	1.7	.6									4.3	4.
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	21.7	/////
TOTALS	30.3	32.3	13.8	1.9	.1	.0						100.0	3.

TOTAL NUMBER OF OBSERVATIONS: 7431

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.5	3.4	1.3									7.2	4.8
NNE	5.6	2.4	.9									8.8	3.3
NE	8.3	2.9	.2									11.4	2.8
ENE	4.9	1.3	.1									6.3	2.9
E	1.5	.3										1.8	2.4
ESE	.1	.2										.3	3.3
SE	.3	.2										.5	3.2
SSE	.5	.5	.1									1.2	3.6
S	1.7	2.3	1.3	.4								5.7	5.6
SSW	.3	1.5	2.6	1.0								5.4	7.8
SW	.9	.6	1.8	.4								3.8	7.0
WSW	1.0	.5	.4	.1								2.0	4.7
W	.5	1.1		.1								1.7	4.4
WNW	.9	.1	.1									1.1	3.2
NW	.2	.1		.1								.4	5.5
NNW	1.3	.8	.4	.1								2.6	4.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	39.7	//////
TOTALS	30.5	18.3	9.2	2.3								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0300-0500

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
	WIND SPEED IN KNOTS												
N	3.5	3.9	.9	.1								8.4	4.1
NNE	5.9	2.0	.8									8.7	3.3
NE	8.C	4.3	.1									12.4	3.C
ENE	5.3	1.6	.1									7.0	2.8
E	1.6	.5										2.2	3.C
ESE	.3	.1										.4	2.8
SE	.4											.4	1.8
SSE	.6	.3										1.0	2.9
S	1.0	2.4	1.1	.1		.1						4.6	5.6
SSW	1.1	1.1	1.8	.5	.1	.1						4.7	7.5
SW	1.3	1.1	1.2	.2	.1							3.9	5.9
WSW	.6	.9	.6	.1								2.3	5.3
W	.6	.3	.2	.1								1.3	4.3
WNW	.5	.2										.8	3.C
NW	.4	.2										.6	3.2
NNW	.8	1.0	.2									1.9	3.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	39.5	//////
TOTALS	32.C	19.9	7.C	1.2	.2	.2						100.0	2.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.7	2.8	1.6									7.1	4.6
NNE	4.6	3.4	.5									8.6	3.5
NE	7.4	2.7	.2	.1								10.4	3.0
ENE	6.8	1.9	.1									8.8	2.8
E	2.4	.8	.1									3.2	2.7
ESE	.3											.3	1.7
SE	.1	.1										.2	3.5
SSE	.5	.2	.2									1.0	3.8
S	1.2	2.3	.6	.2								4.3	5.0
SSW	1.1	1.0	1.1	1.1		.2	.1					4.5	8.4
SW	.6	1.0	1.0	.5	.1							3.2	7.8
WSW	.5	.8	.2	.1								1.6	5.3
W	1.5	1.2	.3									3.0	3.5
WNW	.3	.4										.8	3.6
NW	.5			.1								.6	3.5
NNW	1.6	1.2	.1									2.9	3.7
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	39.4	//////
TOTALS	32.3	19.7	6.1	2.2	.1	.2	.1					100.0	2.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	7.8	10.2	2.4	.2								20.6	4.2
NNE	4.4	3.7	.8									8.8	3.8
NE	1.8	1.3	.1									3.2	3.2
ENE	1.1	.9										1.9	3.2
E	.6	.2										.9	3.3
ESE	.3											.3	3.0
SE	.2	.1										.3	3.0
SSE	.4	.1										.5	2.4
S	1.6	.6	.4		.2							2.9	4.9
SSW	.9	1.9	.6	1.5	.2	.1						5.3	8.2
SW	.5	1.5	.8	1.2	.1							4.1	8.4
WSW	2.0	2.0	.5	.2								4.8	4.5
W	4.0	3.2	1.0	.1								8.3	4.0
WNW	2.6	1.2	.3	.1								4.2	3.4
NW	2.7	1.2	.3									4.2	3.3
NNW	3.7	3.3	.5									7.5	3.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	22.0	//////
TOTALS	34.7	31.5	7.7	3.3	.5	.1						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	7.2	10.9	2.4	.4								20.9	4.5
NNE	3.7	5.2	1.5	.3								10.6	4.6
NE	1.1	.9	.5									2.5	4.4
ENE	.9	.8	.1									1.7	3.3
E	.5	.3										.9	3.0
ESE	.1	.1										.2	3.5
SE		.1										.1	4.0
SSE	.3	.3	.1									.8	3.9
S	.6	.2	.4	.3	.1							1.7	6.9
SSW	.5	.3	.8	.5	.1							2.3	7.7
SW	.2	.4	1.4	.9	.2							3.1	9.4
WSW	2.2	4.0	1.4	.2								7.7	5.0
W	5.9	9.5	4.2	.3								19.8	4.9
WNW	2.6	2.8	.9									6.2	4.2
NW	2.0	1.2	.4									3.7	3.6
NNW	2.6	4.8	.3	.2								8.0	4.3
VARIABLE													
CALM	//////////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	9.9	//////
TOTALS	30.3	41.7	14.4	2.2	.4							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.3	7.7	2.2	.3								14.5	4.8
NNE	2.3	4.8	.8	.1								8.0	4.6
NE	.6	1.3	.3									2.3	4.5
ENE	.2	.5										.8	3.9
E	.6	.3	.1									1.1	3.3
ESE	.6	.2	.1									1.0	3.3
SE	.1	.2	.1									.4	6.3
SSE	.3	.5	.2									1.1	4.6
S	.6	1.0	.9	.2								2.7	6.2
SSW	.4	.3	.8	1.0	.2							2.7	9.2
SW	.5	1.1	.6	.5	.1							2.9	7.0
WSW	1.2	2.8	1.4	.1								5.5	5.5
W	7.6	16.3	10.1	.2								34.3	5.3
WNW	1.4	3.5	.9									5.8	4.6
NW	2.2	1.2	.2									3.5	3.5
NNW	2.5	2.9	.8	.1	.1							6.2	4.8
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	7.3	//////
TOTALS	25.6	44.7	19.4	2.6	.4							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1900-2000

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
	WIND SPEED IN KNOTS												
N	4.5	3.2	1.1	.2								9.0	4.0
NNE	2.4	2.4	.3									5.1	3.7
NE	.8	.8										1.6	3.4
ENE	.9	.6										1.5	3.2
E	.4	.9	.4									1.7	4.6
ESE	.4	.1										.5	2.6
SE	.2	.2	.1									.5	4.0
SSE	.2	.8	.3	.1								1.4	6.2
S	.9	2.0	1.5	.2								4.6	5.8
SSW	.4	1.7	1.5	1.0								4.6	7.6
SW	1.2	.5	1.0	.9								3.4	6.8
WSW	2.0	1.5	.9	.1								4.5	4.4
W	9.5	15.5	5.8	.2								31.0	4.7
WNW	3.3	2.4	.6									6.3	3.7
NW	1.5	1.8	.1									3.4	3.4
NNW	2.9	2.3	.5									5.7	3.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	15.1	//////
TOTALS	31.5	36.7	14.2	2.6								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 2100-2300

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.7	2.8	1.5									7.0	4.5
NNE	4.4	2.2	.1									6.7	2.9
NE	5.5	1.9	.1									7.5	2.8
ENE	2.0	1.0										3.0	2.7
E	1.7	.8										2.5	2.7
ESE	.4	.2	.1									.8	3.7
SE	.4	.4										.9	3.8
SSE	1.0	1.1	.1									2.2	3.8
S	1.7	1.9	1.3	.4								5.4	5.5
SSW	.9	1.8	2.2	.8								5.6	6.9
SW	1.2	.9	1.0	.2								3.2	5.4
WSW	.8	.2	.4	.2								1.6	5.7
W	4.1	3.0	.1	.1								7.3	3.4
WNW	1.3	.6										1.9	2.9
NW	1.1	.5										1.6	3.1
NNW	1.3	.8	.5	.1								2.7	4.2
VARIABLE													
CALM	/////	/////	/////	/////	/////	/////	/////	/////	/////	/////	/////	40.2	//////
TOTALS	30.4	20.1	7.4	1.8								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.4	5.6	1.7	.2								11.8	4.4
NNE	4.2	3.3	.7	.1								8.2	3.7
NE	4.2	2.0	.2	.0								6.4	3.1
ENE	2.8	1.1	.1									3.9	2.9
E	1.2	.5	.1									1.8	3.0
ESE	.3	.1	.0									.5	3.1
SE	.2	.2	.0									.4	3.7
SSE	.5	.5	.1	.0								1.1	4.1
S	1.2	1.6	.9	.2	.0	.0						4.0	5.6
SSW	.7	1.2	1.4	.9	.1	.1	.0					4.4	7.8
SW	.8	.9	1.1	.6	.1							3.5	7.2
WSW	1.3	1.6	.7	.1								3.8	5.0
W	4.7	6.3	2.7	.1								13.3	4.8
WNW	1.8	1.4	.3	.0								3.4	3.8
NW	1.3	.8	.1	.0								2.3	3.4
NNW	2.1	2.1	.4	.1	.0							4.7	4.1
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	26.6	//////
TOTALS	30.9	29.1	10.7	2.4	.2	.1	.0					100.0	3.3

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0000-0200

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
	WIND SPEED IN KNOTS												
N	2.9	3.8	2.4	1.6								10.7	6.1
NNE	5.3	2.9	.7									8.9	3.3
NE	11.6	5.4	.7									17.7	3.1
ENE	5.7	1.7	.3									7.7	2.9
E	1.0	.4	.2	.1								1.8	4.0
ESE	.7	.1										.8	2.3
SE	.1	.6										.7	4.3
SSE	.8	.6										1.3	3.4
S	1.3	2.3	1.4	.3								5.4	5.8
SSW	.6	1.1	1.6	.7								3.9	7.6
SW	.3	.7	.1	.4								1.6	6.6
WSW	.1	.2	.1									.4	5.5
W	.3	.4		.1								.9	5.0
WNW	.2	.1										.3	3.0
NW	.1	.3	.1	.1								.7	6.3
NNW	.7	1.7	1.3	.2								3.9	6.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	33.4	//////
TOTALS	31.7	22.3	9.0	3.6								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.8	4.8	3.9	1.0								12.4	6.0
NNE	4.9	2.8	.7									8.3	3.4
NE	9.8	4.1	.3	.2								14.4	3.1
ENE	4.9	2.8	.3									8.0	3.2
E	2.2	.2		.1								2.6	2.5
ESE	.3	.1										.4	2.5
SE	.1		.1									.2	6.0
SSE	.4	.1										.6	2.2
S	1.4	2.1	2.0	.3								5.9	6.0
SSW	.6	1.3	.7	.6	.1							3.2	7.2
SW	.4	.4	.6		.1							1.6	6.5
WSW	.6	.1										.7	2.5
W	.3	.1										.4	2.8
WNW	.3	.3	.1	.1								.9	5.4
NW	.4	.1	.2									.8	4.9
NNW	1.3	1.1	1.4	.1								4.0	5.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	35.6	//////
TOTALS	30.9	20.6	10.3	2.4	.2							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.3	4.0	3.4	1.1								11.9	5.9
NNE	5.8	3.1	.7									9.6	3.3
NE	6.6	4.0	.2	.1								10.9	3.1
ENE	7.3	2.9	.1									10.3	2.7
E	3.4	.9										4.3	2.7
ESE	.7											.7	2.2
SE	.2	.2										.4	3.8
SSE	.4	.3	.3									1.1	5.3
S	1.2	1.7	.6	.2	.1							3.8	5.4
SSW	.3	1.8	.7	.4	.2							3.4	7.1
SW	.3	.4	.2	.2								1.2	5.9
WSW	.6	.1										.7	2.7
W	.6	.2										.8	2.7
WNW	.3	.2										.6	2.6
NW	.3	.2	.2									.8	5.0
NNW	.9	1.3	.7	.3								3.1	5.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	36.4	//////
TOTALS	32.2	21.4	7.1	2.4	.3							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	8.0	7.8	3.9	.2								19.9	4.5
NNE	5.9	6.8	1.1									13.8	4.0
NE	3.4	2.8	.2									6.4	3.6
ENE	3.1	1.1	.2									4.4	3.0
E	2.1	.3										2.4	2.3
ESE	.8	.1										.9	2.5
SE	.1											.1	2.0
SSE	.9	.1	.2	.3								1.6	5.7
S	2.2	1.1	1.1	.8								5.2	5.8
SSW	1.0	1.1	1.3	.3	.1							3.9	6.5
SW	1.1	.6	1.1									2.8	5.5
WSW	.9	.4	.1									1.4	3.3
W	1.8	1.4	.2									3.4	3.7
WNW	.6	.4	.1									1.1	3.8
NW	1.0	1.2	.3									2.6	4.3
NNW	3.1	2.9	1.2	.1								7.3	4.3
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	22.7	//////
TOTALS	36.0	28.2	11.2	1.8	.1							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	8.1	9.1	4.1	.7								22.0	4.8
NNE	5.1	5.9	1.8	.3								13.1	4.4
NE	2.0	1.9	.8	.2								4.9	4.6
ENE	1.7	.6	.3									2.6	3.3
E	1.0	.6	.1									1.7	3.5
ESE	.3		.1			.1						.6	7.6
SE	.1											.1	2.0
SSE	.8	.2	.1	.3								1.4	5.1
S	.8	1.0	1.1	.6								3.4	6.9
SSW	.9	1.1	1.6	.8								4.3	7.5
SW	1.4	1.1	.7	.6	.1							3.9	6.3
WSW	1.7	2.0	.7	.2								4.6	4.7
W	3.4	3.8	.9	.3								8.4	4.6
WNW	1.7	1.6	.3									3.6	3.9
NW	2.1	.9	1.1									4.1	4.4
NNW	4.2	4.4	2.2	.1								11.0	4.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	10.3	//////
TOTALS	35.3	34.1	15.9	4.1	.1	.1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	5.8	6.2	4.8	1.0								17.8	5.4
NNE	4.8	3.6	1.8	.3	.1							10.6	4.7
NE	1.3	1.3	.6									3.2	4.1
ENE	.9	.9	.2	.1								2.1	4.4
E	.9	.6	.4									1.9	4.6
ESE	.6	.4	.1									1.1	4.0
SE	.6											.6	2.2
SSE	.6	.2	.4	.1								1.3	5.9
S	.8	.9	2.2	.7		.1						4.7	7.6
SSW	.6	.9	1.1	.8	.1							3.4	8.2
SW	.2	.9		.6								1.7	7.5
WSW	2.8	2.6	.2	.1								5.7	3.8
W	6.6	10.1	1.6	.3	.1							18.7	4.5
WNW	2.6	2.3	.1	.1								5.1	3.7
NW	.6	1.4	1.1	.1								3.2	5.8
NNW	3.9	3.1	2.3	.3								9.7	4.8
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	9.3	//////
TOTALS	33.2	35.4	17.0	4.6	.3	.1						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.8	4.1	2.3	1.2								12.4	5.3
NNE	5.4	3.7	.8	.1								10.0	3.6
NE	2.0	2.0	.8	.1								4.9	4.2
ENE	1.9	.9	.2									3.0	3.4
E	1.0	.4										1.4	2.8
ESE	.2	.2	.1									.6	4.6
SE	.2	.2	.3	.1								.9	6.6
SSE	.1	.3	.4									.9	6.3
S	.9	2.6	1.1	.4								5.0	5.7
SSW	.8	.7	2.1	1.0	.2							4.8	8.3
SW	1.1	.3	.7	.1								2.2	5.3
WSW	.9	1.3	.3									2.6	4.2
W	6.3	6.3	1.1	.1								13.9	4.1
WNW	3.3	1.6	.4									5.3	3.3
NW	1.2	1.1	.3	.2								2.9	4.7
NNW	1.7	2.0	.8									4.4	4.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	24.8	//////
TOTALS	31.9	27.8	11.9	3.4	.2							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.6	3.3	2.9	1.2								11.0	5.8
NNE	4.6	3.4	1.6	.1								9.7	4.1
NE	9.7	4.4	.1	.3								14.6	3.1
ENE	4.8	2.7		.1								7.6	3.1
E	1.3	.3										1.7	2.7
ESE	.3	.3										.7	2.8
SE	.4	.6	.1									1.1	3.6
SSE	1.1	.4	.2	.1								1.9	3.8
S	.8	1.8	.8	.7	.1							4.1	7.0
SSW	.9	.9	1.8	1.2	.1							4.9	7.9
SW	.4	.6	.6	.1								1.7	6.1
WSW	.4	.4	.2									1.1	4.5
W		.6	.1									.7	5.8
WNW	.9	.7		.1								1.7	3.9
NW	.6	.4	.3									1.3	4.6
NNW	1.1	1.2	1.3	.1								3.8	5.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	32.7	//////
TOTALS	30.9	22.1	10.0	4.1	.2							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.9	5.4	3.5	1.0								14.8	5.4
NNE	5.2	4.0	1.1	.1	.0							10.5	3.9
NE	5.8	3.2	.5	.1								9.6	3.3
ENE	3.8	1.7	.2	.0								5.7	3.1
E	1.6	.5	.1	.0								2.2	3.1
ESE	.5	.2	.0			.0						.7	3.5
SE	.2	.2	.1	.0								.5	4.2
SSE	.6	.3	.2	.1								1.3	4.8
S	1.2	1.7	1.3	.5	.0	.0						4.7	6.2
SSW	.7	1.1	1.3	.7	.1							4.0	7.6
SW	.7	.6	.5	.2	.0							2.1	6.1
WSW	1.0	.9	.2	.0								2.1	4.1
W	2.4	2.9	.5	.1	.0							5.9	4.3
WNW	1.2	.9	.1	.0								2.3	3.7
NW	.8	.7	.5	.1								2.0	4.9
NNW	2.1	2.2	1.4	.2								5.9	5.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	25.7	//////
TOTALS	32.8	26.5	11.6	3.3	.2	.0						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.8	4.0	4.4	1.5								12.7	6.5
NNE	6.7	6.6	2.0	.3								15.6	4.2
NE	7.6	4.6	.2	.1								12.6	3.2
ENE	6.8	3.5	.3									10.6	3.0
E	1.9	.8										2.7	2.6
ESE	.6	.2										.9	3.0
SE	.3	.3				.1						.8	6.3
SSE	.5	.4			.1							1.1	4.8
S	.6	1.9	1.3	.3	.1							4.1	6.4
SSW	.6	.4	.8	1.0	.1							2.9	8.5
SW	.2	.2	.1									.5	4.4
WSW	.1	.3	.1									.5	4.8
W	.4	.3										.8	3.0
WNW	.1	.1	.1									.3	5.7
NW	.6	.2	.1	.1								1.1	4.3
NNW	.4	1.5	1.0	.2								3.1	6.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	29.8	//////
TOTALS	30.5	25.5	10.2	3.5	.3	.1						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.3	4.6	5.5	1.3								13.7	6.5
NNE	5.4	8.0	2.2	.4	.2							16.1	4.9
NE	7.3	3.5	.5									11.4	3.1
ENE	7.0	3.0										10.0	2.8
E	1.8	.3										2.2	2.4
ESE	.4	.6										1.1	4.0
SE	.2	.2										.4	3.3
SSE	.3	.6	.1									1.1	4.7
S	.9	1.4	.9		.2							3.3	5.7
SSW	.8	.9	.5	1.1	.2							3.4	8.3
SW		.3	.1	.2	.1							.8	10.1
WSW	.3	.1										.4	3.3
W	.9	.3										1.2	3.0
WNW	.2	.1	.2									.5	6.0
NW	.2	.3	.1									.6	5.0
NNW	.8	.9	.9	.2								2.7	6.0
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	31.1	//////
TOTALS	28.7	25.3	11.0	3.2	.8							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.8	4.4	2.6	1.4								11.2	6.1
NNE	7.4	6.5	1.7	.1								15.7	4.0
NE	6.3	4.8	.4	.1								11.7	3.5
ENE	7.4	3.5	.2									11.2	3.1
E	3.2	1.5	.2									4.9	2.8
ESE	.4	.3	.1	.1								1.0	4.9
SE		.2		.1								.3	7.3
SSE	.3	.2										.5	2.8
S	1.4	1.3	.6	.1	.1							3.5	5.1
SSW	.4	.6	.9	1.2	.1	.1						3.3	9.3
SW	.2	.2	.5	.2								1.2	7.9
WSW	.2		.2	.2								.6	8.3
W	.3	.6										1.0	3.8
WNW	.3	.2										.5	3.2
NW	.1	.2	.2	.1								.6	7.2
NNW	.6	.3	.5	.1		.1						1.7	6.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	30.9	//////
TOTALS	31.6	25.1	8.3	3.8	.2	.2						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.6	5.7	4.7	.4								15.5	5.5
NNE	6.5	10.0	2.6	.2								19.7	4.4
NE	5.7	3.0	.3									9.0	3.2
ENE	3.9	2.3	.1	.1								6.3	3.3
E	2.6	.5		.1								3.2	2.9
ESE	.1			.1								.2	9.0
SE	.1	.1	.1									.3	4.7
SSE	.8	.3	.1	.1			.1					1.4	6.3
S	.6	.9	.9	.3		.1						2.8	6.9
SSW	.5	1.1	.6	1.0	.3	.1						3.7	9.1
SW		.5	.9									1.4	7.3
WSW	.4	.5		.2								1.2	5.0
W	.5	.4										1.0	3.0
WNW	.3	.2	.3	.1								1.0	6.1
NW	.1	.1										.2	3.0
NNW	.6	.9	1.3	.2								3.0	6.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	30.1	//////
TOTALS	27.8	26.6	11.9	2.9	.3	.2	.1					100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	5.9	9.8	5.4	1.4	.1							22.6	5.5
NNE	7.2	11.3	2.8	.3								21.6	4.6
NE	2.6	3.0	1.2									6.8	4.3
ENE	1.6	1.0	.2	.2								3.0	4.1
E	1.3	.4										1.7	2.8
ESE	.6											.6	1.5
SE	.2	.3										.5	3.6
SSE	.5	.2	.2	.1								1.1	4.7
S	.8	1.0	1.0	.5	.1							3.3	7.3
SSW	.5	1.4	1.1	1.2	.3							4.5	9.0
SW	.8	.9	.5	.1	.1							2.3	6.0
WSW	1.2	.4	.2	.1								1.9	3.8
W	.8	.2	.4									1.4	4.6
WNW	.9	.5		.3								1.7	5.1
NW	.6	.3	.3									1.3	4.1
NNW	1.8	2.2	.3	.2								4.5	4.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	21.1	//////
TOTALS	27.3	32.9	13.7	4.5	.6							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1500-1700

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
	WIND SPEED IN KNOTS												
N	5.9	8.2	5.3	1.5	.1							21.0	5.7
NNE	8.1	9.8	2.8	.3								21.0	4.4
NE	3.2	4.1	.3									7.6	3.8
ENE	2.8	1.5	.1									4.4	3.1
E	1.8	.4										2.3	2.2
ESE	.3											.3	2.3
SE	.5											.5	2.0
SSE	1.3	.5	.2									2.0	3.4
S	.9	.5	1.2	.8	.1							3.4	7.6
SSW	.8	1.1	1.7	.9	.3							4.7	8.3
SW	.8	.4	.8	.1								2.0	5.7
WSW	.4	.3	.6									1.4	5.8
W	1.2	1.2	.2	.1								2.7	4.3
WNW	.9	.1	.2									1.1	4.0
NW	.8	.4										1.2	3.2
NNW	1.5	1.1	.5	.3	.1							3.5	5.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	20.8	//////
TOTALS	31.0	29.7	14.0	4.0	.6							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.4	6.7	5.9	1.0	.2							17.2	6.
NNE	5.5	7.1	2.7	.1								15.4	4.
NE	6.5	3.2	.2									9.9	3.
ENE	4.1	1.9	.2	.1								6.3	3.
E	.9	.8	.1									1.7	3.
ESE	.3											.3	1.
SE	.4	.2										.6	3.
SSE	.8	.6	.1	.1								1.6	4.
S	.4	1.5	1.1	.3	.1							3.4	6.
SSW	.5	.9	1.4	.6	.1							3.5	7.
SW	.3	.3	.3	.3								1.3	6.
WSW		.1										.1	6.
W	.9	.4										1.3	3.
WNW	.8	.2	.1	.1								1.2	4.
NW	.5	.4	.1	.1								1.2	4.
NNW	1.5	1.4	1.6									4.5	5.
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	30.3	//////
TOTALS	26.8	25.8	13.9	2.8	.4							100.0	3.

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.0	5.3	5.2	2.0								14.5	6.7
NNE	6.0	7.2	2.5	.5								16.2	4.7
NE	7.6	4.0	.4									12.0	3.1
ENE	7.0	2.7	.2									9.9	2.9
E	1.3	.3			.1							1.7	3.4
ESE	.9	.1										1.0	2.1
SE	.1				.1							.2	9.5
SSE		.5	.1									.6	5.0
S	.9	1.3	1.1	.4								3.7	6.2
SSW	.4	.3	1.0	.5								2.3	7.6
SW		.3	.1	.1								.5	7.0
WSW	.3	.2										.5	2.6
W	1.1	.4	.1	.1								1.7	4.3
WNW	.2	.4										.6	3.5
NW	.3	.3										.6	3.5
NNW	.9	2.0	.5	.1								3.5	5.2
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	30.2	//////
TOTALS	29.0	25.5	11.2	3.9	.2							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.7	6.1	4.9	1.3	.1							16.0	6.1
NNE	6.6	8.3	2.4	.3	.0							17.7	4.5
NE	5.9	3.8	.5	.0								10.1	3.3
ENE	5.1	2.4	.2	.1								7.7	3.1
E	1.9	.6	.0	.0	.0							2.6	2.8
ESE	.5	.2	.0	.0								.7	3.3
SE	.2	.2	.0	.0	.0	.0						.5	4.5
SSE	.6	.4	.1	.0	.0		.0					1.2	4.5
S	.8	1.2	1.0	.3	.1	.0						3.5	6.5
SSW	.6	.8	1.0	.9	.2	.0						3.5	8.5
SW	.3	.4	.4	.1	.0							1.2	6.7
WSW	.4	.3	.1	.1								.8	4.8
W	.8	.5	.1	.0								1.4	3.8
WNW	.4	.2	.1	.1								.9	4.7
NW	.4	.3	.1	.0								.9	4.4
NNW	1.0	1.3	.8	.2	.0	.0						3.3	5.4
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	28.0	//////
TOTALS	29.1	27.0	11.8	3.6	.4	.1	.0					100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.0	3.6	4.2	.9	.1							10.8	6.4
NNE	7.2	7.0	2.8	.4	.1							17.6	4.6
NE	7.3	5.2	.6	.1	.1	.1	.1					13.6	4.0
ENE	9.2	4.1	.2	.2	.1	.1						14.0	3.3
E	4.9	.9	.2	.1								6.1	3.0
ESE	.3	.1										.4	2.5
SE													
SSE	.4	.2	.2	.1								1.0	5.9
S	.8	.7	.2	.7	.1	.1						2.6	8.3
SSW	.1	.4	.4	.6								1.6	8.9
SW	.2	.1	.1									.4	4.8
WSW	.2	.1										.3	3.3
W	.1	.3	.1	.1								.7	5.7
WNW	.3	.2										.6	3.2
NW	.1	.2	.3									.7	6.3
NNW	.6	.8	.4	.1	.1							2.0	6.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	27.8	//////
TOTALS	33.9	24.0	9.9	3.3	.7	.3	.1					100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0000-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.9	2.2	3.4	1.8								9.3	7.3
NNE	5.3	5.4	2.4	.4								13.7	4.7
NE	9.1	6.0	.8	.2		.1	.2					16.4	4.0
ENE	8.6	3.4	.3	.1								12.4	3.1
E	3.4	2.3	.2		.1							6.1	3.6
ESE	.4	.1	.1									.7	3.5
SE	.3	.2										.6	3.2
SSE	.7	.3	.1									1.1	3.6
S	.2	.8	.4	.2	.1							1.8	8.1
SSW	.1	.4	.3	1.0	.2	.1						2.2	11.5
SW	.3		.1	.1								.6	5.6
WSW	.3	.4				.1						.9	6.1
W	.8	.2	.1									1.1	3.5
WNW	.4	.2										.7	3.5
NW	.1	.1										.2	3.0
NNW	.2	.9	.8	.2								2.1	6.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	30.1	//////
TOTALS	32.3	23.2	9.2	4.1	.4	.3	.2					100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.0	2.4	2.9	1.9	.1							10.3	6.7
NNE	5.9	6.6	2.0	.2	.1							14.8	4.5
NE	7.9	3.8	.7	.1		.1	.2					12.9	3.9
ENE	10.3	3.9	.1									14.3	2.8
E	3.7	2.8	.1									6.6	3.2
ESE	.2											.2	2.5
SE	.3	.1										.4	2.3
SSE	.4	.1	.3									.9	4.9
S	.2	.7	.2		.1							1.2	6.1
SSW	.3	.2	.3	.3	.8							2.0	12.4
SW	.3	.1	.1	.2								.8	6.3
WSW	.1	.2	.1									.4	5.5
W	.1	.4	.2	.1								.9	6.9
WNW	.2	.2	.1		.1							.7	6.2
NW	.1	.1	.2									.4	5.8
NNW	.4	1.0	1.1	.6								3.1	6.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	30.0	//////
TOTALS	33.7	22.7	8.6	3.4	1.2	.1	.2					100.0	3.3

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.1	3.0	3.3	1.4	.2							10.1	7.0
NNE	5.8	7.4	2.9	.1	.2	.1						16.6	4.7
NE	8.6	4.2	.4				.1					13.3	3.3
ENE	7.8	3.6	.1									11.4	3.0
E	4.4	1.6	.3									6.3	3.0
ESE	.7											.7	2.2
SE		.1										.1	4.0
SSE	.2	.3	.1									.7	4.2
S	.7	.8	.7	.6	.1							2.8	7.3
SSW	.2	.1	.4	.8	.4							2.0	12.4
SW	.3	.2		.2								.8	6.4
WSW	.3	.6										.9	3.5
W	.3	.3	.1									.8	4.1
WNW	.3	.2		.1								.7	5.3
NW	.4	.4	.2									1.1	4.5
NNW	.4	.3	1.0	.3								2.1	7.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	29.7	//////
TOTALS	32.7	23.2	9.7	3.6	1.0	.1	.1					100.0	3.3

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.4	3.1	4.0	1.7	.1							12.3	6.5
NNE	6.8	6.9	2.8	.2	.1							16.8	4.6
NE	5.7	4.6	.6	.1	.1	.2						11.2	4.1
ENE	4.1	3.9	.3									8.3	3.5
E	3.3	1.1										4.4	2.8
ESE	.3	.1										.4	2.3
SE	.3											.3	2.0
SSE	.2	.1	.4	.2								1.0	7.6
S	.9	.7	.6	.3	.2							2.7	6.8
SSW	.8	.8	.3	1.1	.1							3.1	8.4
SW	.2	.4	.1	.2								1.0	6.7
WSW	.4	.3	.1									.9	4.3
W	.8	.6	.1									1.4	3.5
WNW	.3		.2									.6	4.2
NW	.2	.2	.2									.7	5.2
NNW	.4	.6	.9	.7								2.6	7.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	32.2	//////
TOTALS	28.1	23.3	10.7	4.6	.7	.2						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.4	4.4	3.3	1.1	.2							12.6	6.2
NNE	6.3	4.8	2.8	.3	.1							14.3	4.7
NE	7.3	6.2	.4	.2								14.2	3.5
ENE	5.6	3.1	.1	.1								8.9	3.0
E	2.3	1.2										3.6	2.8
ESE	.7	.2	.1	.1								1.1	4.2
SE	.1	.2	.1									.4	5.8
SSE	.8	.3	.2		.2							1.6	6.1
S	.7	.4	.2	.2								1.6	5.8
SSW	1.0	.8	.8	.8								3.3	7.1
SW	.6	.4	.1									1.1	3.9
WSW	.2	.3										.6	3.8
W	.7	.4	.1									1.2	3.6
WNW	.4	.2										.7	3.3
NW	.2		.1	.1								.4	6.5
NNW	.9	.1	.7	.1								1.8	5.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	32.7	//////
TOTALS	31.2	23.3	9.1	3.1	.6							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.8	4.1	5.1	1.2	.2							13.4	6.6
NNE	6.0	5.3	2.8	.3								14.4	4.6
NE	10.3	4.4	.4	.1								15.3	3.0
ENE	6.9	4.2	.2									11.3	3.2
E	2.6	1.2			.1							3.9	3.2
ESE	.6											.6	1.4
SE	.2	.1		.2								.6	6.6
SSE	.3	.1	.3									.8	5.9
S	.7	.9	.6	.3								2.4	5.7
SSW	.3	.2	.4	.1								1.1	6.5
SW	.1	.1	.2	.3								.8	8.9
WSW	.4	.3			.1							.9	5.6
W	.3	.1										.4	2.5
WNW	.1	.1	.1									.3	5.0
NW	.1	.3	.2									.7	5.5
NNW	.4	.1	.6	.1								1.2	5.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	31.8	//////
TOTALS	32.2	21.8	11.0	2.8	.4							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.7	3.6	4.3	1.3								11.9	6.5
NNE	6.4	6.4	2.8	.3								16.0	4.5
NE	7.4	4.8	.7									12.9	3.3
ENE	7.4	4.7	.1									12.2	3.1
E	3.2	1.4										4.7	2.8
ESE	.2	.2		.1								.6	5.2
SE	.1	.3	.1									.6	4.6
SSE	.2	.2	.1	.1								.7	6.2
S	.3	.6	.8	.6								2.2	7.9
SSW	.3	.6	.6	.1								1.6	6.1
SW	.1	.1										.2	4.5
WSW	.1	.1										.2	4.0
W	.1		.1	.1								.3	8.3
WNW	.3	.1										.4	2.5
NW	.3	.1		.2								.7	6.8
NNW	.6	.8	.8	.2								2.3	6.2
VARIABLE													
CALM	//////////											32.6	//////
TOTALS	30.0	24.0	10.3	3.1								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.7	3.3	3.8	1.4	.1							11.3	6.6
NNE	6.2	6.2	2.7	.3	.1	.0						15.5	4.6
NE	8.0	4.9	.6	.1	.0	.1	.1					13.7	3.6
ENE	7.5	3.9	.2	.1	.0	.0						11.6	3.1
E	3.5	1.6	.1	.0	.0							5.2	3.1
ESE	.4	.1	.0	.0								.6	3.2
SE	.2	.1	.0	.0								.4	4.2
SSE	.4	.2	.2	.1	.0							1.0	5.6
S	.6	.7	.5	.4	.1	.0						2.2	7.1
SSW	.4	.4	.5	.6	.2	.0						2.1	9.2
SW	.3	.2	.1	.1								.7	6.0
WSW	.3	.3	.0		.0	.0						.6	4.7
W	.4	.3	.1	.0								.9	4.4
WNW	.2	.2	.1	.0	.0							.6	4.2
NW	.2	.2	.2	.0								.6	5.5
NNW	.5	.6	.8	.3	.0							2.2	6.6
VARIABLE													
CALM	//////////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	30.9	//////
TOTALS	31.8	23.2	9.8	3.5	.6	.1	.1					100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 7149

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.6	2.9	3.2	1.7	.6							11.1	7.4
NNE	4.7	7.8	1.8	.3	.2							14.9	4.8
NE	7.1	6.7	1.0	.1								14.8	3.7
ENE	8.0	5.8	.4									14.2	3.3
E	3.3	1.7		.1								5.2	3.0
ESE	.5	.2		.1								.9	4.1
SE	.2	.2										.4	3.0
SSE	.5	.1	.1	.1								.9	4.8
S	.9	.5	.3	.2								1.9	5.4
SSW	.3	.4	1.0	.1	.1							1.9	7.7
SW			.1	.2	.1							.4	13.5
WSW	.3	.4										.8	3.4
W	.3	.3										.6	3.3
WNW	.2	.1										.3	2.7
NW		.1										.1	6.0
NNW	.6	.5	.6	.1								1.9	5.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	29.6	//////
TOTALS	29.7	28.0	8.6	3.1	1.1							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.6	2.8	2.0	2.5	.6	.1						9.7	8.4
NNE	5.9	7.0	2.5	.3								15.7	4.5
NE	8.3	6.3	.8									15.4	3.4
ENE	8.5	6.5	.3	.2								15.5	3.4
E	3.1	2.0	.1	.4								5.7	3.8
ESE	.4											.4	2.0
SE	.2											.2	2.0
SSE	.5	.2	.1									.9	3.9
S	.5	.5		.3	.2							1.6	7.4
SSW	.1	.3	1.0	.3	.1							1.8	9.0
SW		.2										.2	6.0
WSW	.3		.1									.4	3.5
W		.2										.2	4.5
WNW	.3	.1	.1									.5	3.6
NW	.2	.1			.1							.4	7.5
NNW	.9	.9	.3	.1								2.2	4.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	29.1	//////
TOTALS	31.0	27.2	7.3	4.2	1.1	.1						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.0	2.8	3.5	1.4	.3	.1						10.2	7.5
NNE	5.2	5.3	1.8	.3	.1							12.7	4.6
NE	8.0	8.2	.6	.1		.1						17.0	3.8
ENE	8.2	4.3	.8									13.2	3.2
E	2.9	1.8	.1									4.8	3.3
ESE	.2	.5										.8	4.3
SE	.1											.1	2.0
SSE	.5	.2	.1	.1								1.0	5.1
S	.2	.9	.3	.1								1.5	5.7
SSW	.5	.3	.2	.4								1.5	7.0
SW	.1	.1										.2	2.5
WSW	.1		.1	.1								.3	7.3
W	.4	.9										1.3	4.2
WNW	.3	.1										.4	3.0
NW	.2	.3	.2	.1								.9	6.1
NNW	.9	.2	.5	.1								1.7	5.2
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	32.4	//////
TOTALS	29.9	25.9	8.4	2.8	.4	.2						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.9	3.1	2.0	2.2	.1							10.3	6.5
NNE	5.7	6.3	2.3	.5	.2							15.1	4.8
NE	8.8	6.6	.6									16.0	3.4
ENE	8.8	3.9	.6									13.3	3.1
E	3.2	2.5	.2									5.9	3.4
ESE	.4	.1										.5	2.6
SE													
SSE	.9	.2										1.1	2.2
S	.4	.2	.4	.2								1.3	6.6
SSW		.2	.5	.4								1.2	9.5
SW	.2		.1									.3	4.3
WSW	.2	.1		.1								.4	5.0
W	.5	.1	.3									1.0	4.4
WNW	.1	.3	.3									.8	6.3
NW	.1	.2	.1									.4	5.0
NNW	.2	.6	.5	.1								1.5	6.0
VARIABLE													
CALM	//////////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	30.9	//////
TOTALS	32.6	24.5	8.2	3.5	.3							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.3	2.6	2.9	.9		.1						9.8	6.C
NNE	6.9	6.7	1.6	.1	.1	.2						15.6	4.6
NE	9.C	6.1	.6	.3								16.1	3.6
ENE	7.3	5.7	.4	.1								13.5	3.4
E	3.3	1.4	.1									4.8	2.9
ESE		.2		.1								.3	8.7
SE	.2			.1								.3	5.7
SSE		.3	.2	.1								.6	8.3
S	.4	.6	.8	.2								2.0	6.8
SSW	.3	.2	.5			.1						1.2	7.7
SW	.1	.2	.2			.1						.6	8.7
WSW	.5		.2	.1								.9	5.C
W	.2	.1										.3	2.7
WNW	.2	.3										.5	4.C
NW	.5	.1	.1									.8	3.4
NNW	.3	1.0	.4	.2								1.9	6.4
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	30.5	//////
TOTALS	32.8	25.6	8.2	2.3	.1	.5						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.3	4.3	2.3	2.3	.2							11.3	6.9
NNE	7.4	5.7	1.9	.4	.2							15.7	4.4
NE	8.0	6.2	1.1									15.3	3.6
ENE	6.3	5.1	.2									11.6	3.2
E	2.9	1.3	.1									4.3	3.1
ESE	.4	.1	.1									.6	3.7
SE		.3		.1								.4	5.8
SSE	.4	.1	.2	.1								.9	5.9
S	.6	.4	.4	.1	.1							1.7	6.3
SSW	.2	.4	.2	.1								1.0	6.0
SW	.1	.2	.4									.8	6.4
WSW	.5	.4										1.0	3.2
W	.6	.3	.3									1.3	4.1
WNW	.1	.2	.2	.1								.6	7.2
NW	.4	.3	.1			.1						1.0	6.4
NNW	1.1	.6	.6	.5								2.9	6.1
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	29.7	//////
TOTALS	31.5	26.1	8.3	3.8	.5	.1						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.8	1.7	3.7	1.4	.2							9.8	6.9
NNE	4.3	5.9	2.3	.3	.2							13.0	4.9
NE	9.0	7.0	.6	.2	.2							17.1	3.8
ENE	9.6	5.1	.3	.1								15.1	3.2
E	2.8	1.2	.1									4.1	2.9
ESE	.8	.2										1.0	2.7
SE	.2	.1										.3	2.7
SSE	.8	.1	.1									1.0	3.1
S	.4	.2	.9	.2								1.7	6.8
SSW	.4	.1	.9	.5	.1	.1						2.2	9.7
SW	.2	.3	.2	.1								.9	6.3
WSW	.5	.2	.1									.9	4.0
W	.8	.8	.1									1.6	3.9
WNW	.1	.1										.2	4.0
NW		.1	.1									.2	6.0
NNW	.2	.5	.5	.3								1.6	7.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	29.5	//////
TOTALS	32.9	23.7	9.9	3.2	.8	.1						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.3	4.1	2.4	1.3	.5							10.5	6.9
NNE	5.6	5.5	1.5	.4	.2							13.2	4.6
NE	7.4	5.3	.8	.1								13.5	3.6
ENE	9.2	6.3	.2									15.8	3.2
E	2.5	2.0	.1	.1								4.7	3.5
ESE	1.1	.1	.1									1.3	2.9
SE	.1	.2										.3	4.3
SSE	.4	.2										.6	3.2
S	.6	.5	.2	.1								1.5	4.7
SSW	.1	.3	1.2	.2								1.8	7.6
SW		.2	.3									.5	7.0
WSW	.3	.2										.5	3.4
W	.6	.3										1.0	3.0
WNW	.2	.5										.8	3.9
NW	.4	.1										.5	2.6
NNW	.7	.9	.9	.4								3.0	6.1
VARIABLE													
CALM	//////////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	30.2	//////
TOTALS	31.8	26.9	7.6	2.7	.8							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.5	3.0	2.8	1.7	.3	.0						10.3	7.1
NNE	5.7	6.3	2.0	.3	.2	.0						14.5	4.6
NE	8.2	6.5	.8	.1	.0	.0						15.7	3.6
ENE	8.2	5.3	.4	.1								14.0	3.2
E	3.0	1.7	.1	.1								4.9	3.3
ESE	.5	.2	.0	.0								.7	3.5
SE	.1	.1		.0								.3	4.0
SSE	.5	.2	.1	.1								.9	4.4
S	.5	.5	.4	.2	.0							1.7	6.2
SSW	.3	.3	.7	.3	.0	.0						1.6	8.2
SW	.1	.2	.2	.0	.0	.0						.5	7.2
WSW	.4	.2	.1	.0								.6	4.1
W	.4	.4	.1									.9	3.9
WNW	.2	.2	.1	.0								.5	4.6
NW	.2	.2	.1	.0	.0	.0						.5	5.3
NNW	.6	.7	.6	.2								2.1	5.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	30.2	//////
TOTALS	31.5	26.0	8.3	3.2	.6	.1						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.4	4.7	3.1	.8	.1	.0	.0					12.2	5.7
NNE	5.1	5.3	2.0	.4	.1	.1	.0					12.9	4.8
NE	5.4	3.1	.5	.1	.0	.0	.0	.0				9.3	3.7
ENE	4.5	2.2	.2	.0	.0	.0						6.9	3.1
E	1.8	.8	.1	.0	.0	.0						2.8	3.3
ESE	.4	.2	.1	.0		.0						.7	3.8
SE	.2	.2	.0	.0	.0	.0						.5	4.3
SSE	.5	.3	.2	.1	.0	.0	.0					1.1	5.1
S	.9	1.1	.8	.3	.0	.0						3.1	6.1
SSW	.7	1.1	1.1	.6	.1	.0	.0					3.6	7.1
SW	.6	.7	.6	.3	.0	.0						2.2	6.2
WSW	1.1	1.2	.5	.1	.0	.0						2.9	4.8
W	2.3	3.9	2.2	.2	.0							8.6	5.2
WNW	1.0	1.1	.3	.0	.0							2.4	4.2
NW	.7	.5	.2	.0	.0	.0						1.4	4.1
NNW	1.4	1.6	.7	.1	.0	.0						3.9	4.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	25.5	//////
TOTALS	30.1	27.9	12.6	3.3	.4	.2	.0	.0				100.0	3.6

TOTAL NUMBER OF OBSERVATIONS: 87637

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(LST): ALL

CEILINGS 200 TO 1400 FEET WITH VISIBILTIES 1/2 MILE OR MORE
AND/OR
CEILINGS 200 FEET OR MORE WITH VISIBILTIES 1/2 TO 2-1/2 MILES

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.1	5.1	4.1	1.1								14.5	5.8
NNE	6.1	5.9	2.2	.2	.0							14.4	4.7
NE	4.7	2.9	.4	.0								8.0	3.3
ENE	4.3	1.8	.2									6.2	2.9
E	1.7	.8	.1									2.5	3.1
ESE	.3	.1		.0								.5	3.1
SE	.4	.1										.4	2.2
SSE	.4	.2	.1									.7	3.4
S	1.3	1.7	1.5	.3	.0							4.8	5.7
SSW	.9	1.7	1.4	.4	.1							4.4	6.5
SW	.8	1.1	.7	.2								2.7	5.8
WSW	.8	1.0	.5	.1								2.3	4.8
W	1.2	1.6	.7	.0								3.5	4.7
WNW	.5	.5	.1									1.0	3.7
NW	.5	.2	.0									.7	3.0
NNW	1.0	.7	.2	.1	.0							2.1	4.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	31.0	//////
TOTALS	29.0	25.3	12.1	2.5	.1							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 5746

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PPPPPPPP        AAAAAA      RRRRRRRR        TTTTTTTTTT          OOOOOOOO
PPPPPPPPP      AAAAAAAA     RRRRRRRRR       TTTTTTTTTT          OOOOOOOOOO
PP      PP    AA      AA    RR      RR          TT              OO      OO
PP      PP    AA      AA    RR      RR          TT              OO      OO
PPPPPPPPP     AA      AA    RRRRRRRRR           TT              OO      OO
PPPPPPPP      AAAAAAAAAA    RRRRRRRR            TT              OO      OO
PP            AAAAAAAAAA    RR    RR            TT              OO      OO
PP            AA      AA    RR     RR           TT              OO      OO
PP            AA      AA    RR      RR          TT              OOOOOOOOO
PP            AA      AA    RR       RR         TT              OOOOOOOOO
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CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VERSUS VISIBILITY SUMMARY

THIS SUMMARY IS A BIVARIATE FREQUENCY DISTRIBUTION BY CLASSES OF CEILING FROM "0" THROUGH EQUAL TO OR GREATER THAN 20,000 FEET AND AS A SEPARATE CLASS "NO CEILING", VERSUS VISIBILITY IN 16 CLASSES FROM ZERO THROUGH EQUAL TO OR GREATER THAN 10 MILES.

DATA DERIVED FROM HOURLY OBSERVATIONS.

FREQUENCY DISTRIBUTION PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

NOTES:

BEGINNING IN 1968, METAR STATIONS REPORTED VISIBILITIES TO 6 MILES AND GREATER THAN 6 MILES. THEREFORE THE COLUMN FOR VISIBILITIES EQUAL TO OR GREATER THAN 10 MILES APPEAR BLANK.

AS A RULE, AIRWAYS STATIONS NORMALLY REPORT VISIBILITIES TO 6 MILES AND 7 OR GREATER, HOWEVER SOME STATIONS REPORT HIGHER VALUES. THEREFORE, THE 10 MILE VISIBILITY COLUMN SOMETIMES CONTAIN SMALL PERCENTAGE VALUES. HOWEVER, THESE VALUES ARE OF LITTLE MEANING AND SHOULD BE DISREGARDED.

FOR METAR CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS ABOVE 5000 FEET WERE SUPPESSED TO 5000 FEET. THEREFORE, NO PERCENT VALUES APPEAR ABOVE 5000 FEET.

SKY COVER SUMMARY

PRESENTS PERCENTAGES OF SKY COVER IN EITHER 10THS OF COVERAGE OR "AIRWAYS CLASSIFICATIONS".

DATA SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

ALSO PRESENTED ARE MEAN SKY COVERS.

FOR AIRWAY STATIONS, THE CONVERSION FROM THE AIRWAYS DESIGNATIONS TO 10THS FOR PRESENTATION ARE:

CLEAR	-	0/10
SCATTERED	-	3/10
BROKEN	-	9/10
OVERCAST	-	10/10
OBSCURED	-	10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	30.4	31.5	31.6	31.7	31.8	31.8	31.9	31.9	32.0	32.3	32.4	32.5	32.7	33.0	33.8	34.5
GE 20000	31.4	32.5	32.6	32.7	32.8	32.8	32.9	32.9	33.0	33.2	33.3	33.4	33.7	34.0	34.7	35.5
GE 18000	33.2	34.3	34.4	34.5	34.6	34.6	34.7	34.7	34.8	35.1	35.2	35.3	35.5	35.8	36.6	37.3
GE 16000	33.2	34.3	34.4	34.5	34.6	34.6	34.7	34.7	34.8	35.1	35.2	35.3	35.5	35.8	36.6	37.3
GE 14000	34.1	35.2	35.3	35.4	35.5	35.5	35.6	35.6	35.7	35.9	36.0	36.1	36.3	36.7	37.4	38.2
GE 12000	38.0	39.0	39.1	39.2	39.4	39.4	39.5	39.5	39.6	39.8	39.9	40.0	40.2	40.5	41.3	42.0
GE 10000	43.0	44.1	44.2	44.3	44.4	44.4	44.5	44.5	44.6	44.8	44.9	45.1	45.3	45.6	46.3	47.1
GE 9000	47.5	48.6	48.7	48.8	48.9	48.9	49.0	49.0	49.1	49.4	49.5	49.6	49.8	50.1	50.9	51.6
GE 8000	52.6	53.8	53.9	54.0	54.1	54.1	54.2	54.2	54.3	54.5	54.6	54.7	54.9	55.3	56.0	56.8
GE 7000	59.5	60.6	60.8	60.9	61.0	61.0	61.1	61.1	61.2	61.4	61.5	61.6	61.8	62.2	62.9	63.7
GE 6000	64.1	65.4	65.5	65.6	65.7	65.7	66.1	66.1	66.2	66.5	66.6	66.7	66.9	67.2	68.0	68.7
GE 5000	69.4	70.8	70.9	71.0	71.1	71.1	71.5	71.5	71.6	71.8	72.0	72.4	72.6	72.9	73.7	74.4
GE 4500	72.4	74.4	74.8	74.9	75.1	75.1	75.5	75.5	75.6	75.8	76.0	76.3	76.6	76.9	77.6	78.4
GE 4000	77.0	79.2	79.7	79.8	79.9	79.9	80.3	80.3	80.4	80.6	81.0	81.3	81.5	81.8	82.6	83.3
GE 3500	79.7	81.3	81.9	82.0	82.2	82.2	82.6	82.6	82.7	82.9	83.2	83.5	83.8	84.1	84.8	85.6
GE 3000	79.9	82.7	83.7	83.8	84.3	84.3	84.8	84.8	85.1	85.3	85.6	85.9	86.1	86.5	87.2	88.0
GE 2500	80.9	83.7	84.7	84.8	85.4	85.4	85.9	85.9	86.1	86.3	86.7	87.0	87.2	87.5	88.3	89.0
GE 2000	81.2	84.3	85.4	85.5	86.0	86.0	86.7	86.7	86.9	87.1	87.4	87.7	88.0	88.3	89.0	89.8
GE 1600	81.3	84.4	85.5	85.6	86.1	86.1	86.8	86.8	87.0	87.2	87.5	87.8	88.1	88.4	89.1	89.9
GE 1500	82.5	85.9	87.0	87.1	87.6	87.6	88.3	88.4	88.6	88.8	89.1	89.5	89.7	90.0	90.8	91.5
GE 1200	82.7	86.5	87.5	87.6	88.2	88.2	88.8	88.9	89.1	89.4	89.7	90.0	90.2	90.5	91.3	92.0
GE 1000	83.3	87.4	88.5	88.6	89.1	89.1	89.8	90.1	90.3	90.5	90.9	91.2	91.4	91.7	92.5	93.2
GE 900	83.4	87.5	88.7	88.8	89.9	90.0	90.6	91.0	91.2	91.5	91.8	92.2	92.4	92.7	93.4	94.2
GE 800	83.9	88.0	89.1	89.2	90.3	90.5	91.3	91.6	91.8	92.2	92.5	92.8	93.1	93.4	94.2	94.9
GE 700	84.0	88.1	89.2	89.4	90.4	90.6	91.4	91.7	91.9	92.3	92.6	92.9	93.3	93.7	94.4	95.4
GE 600	84.2	88.6	89.8	90.2	91.3	91.5	92.3	92.6	92.8	93.2	93.5	93.9	94.3	94.7	95.5	96.5
GE 500	84.2	88.6	90.0	90.4	91.5	91.7	92.5	92.8	93.0	93.5	93.9	94.2	94.7	95.2	95.9	96.9
GE 450	84.3	88.9	90.3	90.8	91.8	92.0	92.8	93.3	93.5	94.1	94.4	94.9	95.5	95.9	97.1	98.1
GE 300	84.4	89.4	90.8	91.2	92.3	92.5	93.2	93.8	94.1	94.7	95.3	95.8	96.3	96.8	98.2	99.1
GE 200	84.5	89.5	91.0	91.4	92.5	92.7	93.5	94.1	94.4	95.1	95.6	96.1	96.7	97.1	98.7	99.7
GE 100	84.5	89.6	91.1	91.5	92.6	92.8	93.7	94.2	94.5	95.2	95.7	96.2	96.8	97.2	98.8	99.9
GE 0	84.5	89.6	91.1	91.5	92.6	92.8	93.7	94.2	94.5	95.2	95.7	96.2	96.8	97.2	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	30.2	31.8	32.4	32.5	32.7	32.8	32.8	32.9	33.0	33.1	33.3	33.4	34.2	34.5	34.6	35.2
GE 20000	31.3	32.9	33.4	33.5	33.8	33.9	33.9	34.0	34.1	34.2	34.4	34.5	35.3	35.6	35.7	36.2
GE 18000	32.5	34.1	34.6	34.7	34.9	35.1	35.1	35.2	35.3	35.4	35.6	35.7	36.5	36.8	36.9	37.4
GE 16000	32.5	34.1	34.6	34.7	34.9	35.1	35.1	35.2	35.3	35.4	35.6	35.7	36.5	36.8	36.9	37.4
GE 14000	33.5	35.2	35.7	35.8	36.0	36.1	36.1	36.2	36.3	36.5	36.7	36.8	37.5	37.8	38.0	38.5
GE 12000	36.3	38.0	38.5	38.6	38.8	38.9	38.9	39.0	39.1	39.2	39.5	39.6	40.3	40.6	40.8	41.3
GE 10000	42.9	42.5	43.0	43.1	43.3	43.4	43.4	43.5	43.7	43.8	44.0	44.1	44.8	45.2	45.3	45.8
GE 9000	45.1	46.7	47.2	47.3	47.5	47.6	47.6	47.7	47.8	48.0	48.2	48.3	49.0	49.4	49.5	50.0
GE 8000	52.0	53.7	54.2	54.3	54.5	54.6	54.6	54.7	54.8	54.9	55.2	55.3	56.0	56.3	56.5	57.0
GE 7000	57.6	59.4	59.9	60.0	60.3	60.4	60.4	60.5	60.6	60.8	61.0	61.1	61.8	62.2	62.3	62.8
GE 6000	61.6	63.3	63.9	64.0	64.3	64.4	64.4	64.5	64.6	64.7	64.9	65.1	65.9	66.1	66.2	66.8
GE 5000	65.8	67.6	68.2	68.3	68.6	68.7	68.7	68.8	68.9	69.1	69.4	69.6	70.3	70.6	70.8	71.3
GE 4500	70.4	72.4	72.9	73.0	73.3	73.4	73.4	73.5	73.7	73.9	74.1	74.3	75.1	75.4	75.5	76.0
GE 4000	75.3	77.7	78.3	78.5	78.8	78.9	78.9	79.0	79.1	79.4	79.6	79.8	80.5	80.9	81.0	81.5
GE 3500	76.5	79.5	80.3	80.6	81.0	81.1	81.1	81.2	81.3	81.5	81.7	81.9	82.7	83.0	83.1	83.7
GE 3000	77.6	81.1	82.4	82.7	83.1	83.2	83.2	83.3	83.4	83.7	83.9	84.1	84.8	85.3	85.4	85.9
GE 2500	78.4	82.3	83.5	83.9	84.3	84.4	84.4	84.5	84.6	84.9	85.2	85.4	86.1	86.6	86.7	87.2
GE 2200	79.7	83.8	85.1	85.6	86.0	86.1	86.2	86.5	86.6	87.0	87.3	87.5	88.3	88.7	88.8	89.4
GE 2000	79.9	84.0	85.3	85.8	86.2	86.3	86.5	86.7	86.8	87.2	87.5	87.7	88.5	88.9	89.0	89.6
GE 1800	80.1	84.2	85.6	86.1	86.6	86.7	86.8	87.0	87.1	87.5	87.8	88.1	88.8	89.2	89.4	89.9
GE 1200	80.2	84.4	85.8	86.3	87.0	87.1	87.2	87.4	87.5	88.0	88.3	88.5	89.2	89.7	89.8	90.3
GE 1000	80.4	84.7	86.2	86.8	87.6	87.7	87.8	88.1	88.2	88.6	88.9	89.1	89.9	90.3	90.4	91.0
GE 900	80.5	84.9	86.5	87.0	87.8	88.0	88.1	88.3	88.4	88.8	89.2	89.5	90.3	90.8	90.9	91.4
GE 800	80.6	85.1	86.7	87.2	88.1	88.2	88.6	88.8	88.9	89.4	90.0	90.2	91.1	91.5	91.6	92.2
GE 700	80.8	85.4	87.0	87.5	88.5	88.6	89.1	89.5	89.6	90.0	90.8	91.0	91.8	92.3	92.5	93.1
GE 600	81.2	86.2	87.8	88.5	89.6	89.7	90.2	90.8	90.9	91.3	92.0	92.4	93.2	93.7	93.9	94.5
GE 500	81.6	87.0	88.8	89.5	90.5	90.6	91.2	91.8	91.9	92.7	93.5	93.9	94.7	95.2	95.5	96.2
GE 400	81.7	87.1	88.9	89.7	90.9	91.0	91.5	92.2	92.3	93.1	94.1	94.4	95.4	95.8	96.2	97.1
GE 300	82.0	87.6	89.7	90.4	91.8	92.0	92.7	93.3	93.4	94.3	95.4	95.7	96.8	97.3	98.0	98.8
GE 200	82.0	87.6	89.7	90.4	91.8	92.0	92.7	93.3	93.4	94.4	95.5	95.8	97.0	97.5	98.2	99.1
GE 100	82.0	87.6	89.8	90.5	91.9	92.2	92.8	93.4	93.5	94.6	95.7	96.0	97.2	97.7	98.5	99.7
GE 0	82.0	87.6	89.8	90.5	91.9	92.2	92.8	93.4	93.5	94.6	95.7	96.0	97.2	97.7	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 7[illegible]2C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.9	29.8	30.0	30.0	30.1	30.2	30.6	30.6	30.6	31.0	31.2	31.2	31.4	31.7	31.9	32.0
GE 20000	32.5	31.4	31.6	31.6	31.7	31.8	32.3	32.3	32.3	32.6	32.8	32.8	33.0	33.3	33.5	33.7
GE 18000	32.3	33.2	33.4	33.4	33.5	33.7	34.1	34.1	34.1	34.4	34.6	34.6	34.8	35.2	35.4	35.5
GE 16000	32.3	33.2	33.4	33.4	33.5	33.7	34.1	34.1	34.1	34.4	34.6	34.6	34.8	35.2	35.4	35.5
GE 14000	33.7	34.6	34.8	34.8	34.9	35.1	35.5	35.5	35.5	35.8	36.0	36.0	36.2	36.6	36.8	36.9
GE 12000	37.5	38.5	38.7	38.7	38.8	38.9	39.4	39.4	39.4	39.7	39.9	39.9	40.1	40.4	40.6	40.8
GE 10000	40.3	41.4	41.6	41.6	41.7	41.8	42.3	42.3	42.3	42.6	42.8	42.8	43.0	43.3	43.5	43.7
GE 9000	43.2	44.3	44.5	44.5	44.6	44.7	45.2	45.2	45.2	45.5	45.7	45.7	45.9	46.2	46.5	46.6
GE 8000	50.3	51.5	51.7	51.7	51.9	52.0	52.5	52.5	52.5	52.8	53.0	53.0	53.2	53.5	53.8	53.9
GE 7000	58.1	59.4	59.6	59.6	59.8	59.9	60.3	60.3	60.3	60.6	60.9	60.9	61.1	61.4	61.6	61.7
GE 6000	63.2	64.5	64.7	64.7	64.9	65.1	65.5	65.5	65.5	65.8	66.0	66.0	66.2	66.6	66.8	66.9
GE 5000	66.1	67.5	67.7	67.7	68.0	68.1	68.5	68.5	68.5	68.8	69.0	69.0	69.2	69.6	69.8	69.9
GE 4500	69.9	71.3	71.6	71.6	71.8	71.9	72.4	72.4	72.4	72.7	72.9	72.9	73.1	73.4	73.7	73.8
GE 4000	75.1	76.9	77.4	77.4	77.6	77.8	78.3	78.3	78.3	78.6	78.8	78.8	79.0	79.4	79.6	79.7
GE 3500	76.6	78.7	79.4	79.4	79.7	80.0	80.6	80.6	80.6	81.0	81.2	81.2	81.4	81.7	81.9	82.0
GE 3000	78.6	81.4	82.2	82.3	82.6	82.9	83.5	83.5	83.5	83.9	84.1	84.1	84.3	84.6	84.8	84.9
GE 2500	79.0	82.6	83.3	83.4	83.9	84.2	84.8	84.8	84.9	85.3	85.5	85.5	85.7	86.0	86.2	86.3
GE 2000	79.9	83.9	84.7	84.8	85.4	85.7	86.3	86.3	86.5	86.8	87.0	87.0	87.2	87.5	87.7	87.8
GE 1800	80.3	84.4	85.3	85.4	85.9	86.2	86.9	86.9	87.0	87.3	87.5	87.5	87.7	88.1	88.3	88.4
GE 1500	80.4	85.2	86.0	86.5	87.0	87.3	88.0	88.1	88.2	88.5	88.7	88.7	88.9	89.2	89.5	89.6
GE 1200	80.4	85.2	86.0	86.5	87.0	87.3	88.0	88.1	88.2	88.5	88.7	88.7	88.9	89.2	89.5	89.6
GE 1000	80.4	85.6	86.5	86.9	87.4	87.7	88.4	88.5	88.6	88.9	89.1	89.1	89.4	89.7	89.9	90.0
GE 900	80.4	85.6	86.5	86.9	87.4	87.7	88.4	88.5	88.6	88.9	89.1	89.1	89.4	89.7	89.9	90.0
GE 800	80.4	85.7	86.7	87.1	87.7	88.1	88.8	88.9	89.2	89.8	90.0	90.0	90.2	90.5	90.8	90.9
GE 700	80.5	85.9	87.0	87.4	88.3	88.6	89.6	89.7	90.0	90.5	90.9	90.9	91.1	91.4	91.6	91.7
GE 600	80.6	86.3	87.4	87.8	88.9	89.2	90.4	90.5	90.9	91.5	91.8	91.8	92.2	92.6	92.8	92.9
GE 500	81.1	87.0	88.3	88.7	90.1	90.4	91.6	91.6	92.2	92.8	93.1	93.1	93.5	94.0	94.4	94.7
GE 400	81.2	87.2	88.7	89.1	90.6	91.0	92.2	92.5	92.8	93.4	93.8	93.8	94.3	94.8	95.3	95.6
GE 300	81.4	87.5	89.1	89.6	91.1	91.4	92.7	93.0	93.5	94.4	95.3	95.3	96.2	96.8	97.5	97.8
GE 200	81.4	87.5	89.1	89.6	91.2	91.5	92.9	93.2	93.8	94.6	95.5	95.5	96.7	97.7	98.7	99.1
GE 100	81.4	87.5	89.1	89.6	91.3	91.6	93.0	93.4	94.0	94.9	95.8	95.8	97.1	98.3	99.2	99.7
GE 0	81.4	87.5	89.1	89.6	91.3	91.6	93.0	93.4	94.0	94.9	95.8	95.8	97.1	98.3	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0
NO CEIL	26.7	27.3	27.4	27.5	27.7	27.7	27.8	28.0	28.0	28.3	28.4	28.4	28.6	28.9	29.1	29.6
GE 20000	29.1	28.7	28.6	28.9	29.1	29.1	29.2	29.4	29.4	29.7	29.8	29.8	30.0	30.3	30.5	31.0
GE 18000	30.1	30.6	30.9	31.1	31.3	31.3	31.4	31.5	31.5	31.8	31.9	31.9	32.2	32.5	32.7	33.1
GE 16000	30.2	30.9	31.0	31.2	31.4	31.4	31.5	31.6	31.6	31.9	32.0	32.0	32.3	32.6	32.8	33.2
GE 14000	32.5	33.1	33.2	33.4	33.7	33.7	33.8	33.9	33.9	34.2	34.3	34.3	34.5	34.8	35.1	35.5
GE 12000	35.3	35.9	36.0	36.2	36.5	36.5	36.6	36.7	36.7	37.1	37.2	37.2	37.4	37.7	38.0	38.4
GE 10000	40.9	41.5	41.7	41.9	42.2	42.2	42.3	42.4	42.4	42.8	42.9	42.9	43.1	43.4	43.7	44.1
GE 9000	44.3	44.9	45.2	45.4	45.6	45.6	45.7	45.9	45.9	46.3	46.5	46.5	46.8	47.1	47.3	47.7
GE 8000	51.4	52.2	52.5	52.7	52.9	52.9	53.0	53.2	53.2	53.7	53.8	53.8	54.1	54.4	54.6	55.1
GE 7000	59.5	60.2	60.5	60.8	61.0	61.0	61.1	61.3	61.3	61.7	61.8	61.8	62.2	62.5	62.7	63.1
GE 6000	64.1	64.9	65.3	65.5	65.7	65.7	65.8	66.1	66.1	66.6	66.7	66.7	67.1	67.4	67.6	68.1
GE 5000	68.9	69.8	70.1	70.3	70.5	70.5	70.6	71.0	71.0	71.4	71.5	71.5	71.9	72.3	72.5	72.9
GE 4500	74.2	75.4	75.7	75.9	76.1	76.1	76.2	76.6	76.6	77.0	77.1	77.1	77.5	77.8	78.1	78.5
GE 4000	77.6	78.8	79.1	79.4	79.6	79.6	79.7	80.0	80.0	80.4	80.5	80.5	81.0	81.3	81.5	81.9
GE 3500	79.1	80.6	81.1	81.3	81.5	81.5	81.6	81.9	81.9	82.4	82.5	82.5	82.9	83.2	83.4	83.9
GE 3000	81.1	82.9	83.4	83.7	83.9	83.9	84.0	84.3	84.3	84.7	84.8	84.8	85.3	85.6	85.8	86.2
GE 2500	82.3	84.2	84.8	85.1	85.4	85.4	85.5	85.8	85.8	86.2	86.3	86.3	86.8	87.1	87.3	87.7
GE 2000	82.9	85.1	85.8	86.1	86.8	86.8	86.9	87.2	87.2	87.6	87.7	87.7	88.2	88.5	88.7	89.1
GE 1800	83.9	85.3	86.0	86.3	87.0	87.0	87.1	87.4	87.4	87.8	88.0	88.0	88.4	88.7	88.9	89.4
GE 1500	83.2	86.0	86.9	87.3	88.1	88.3	88.4	88.8	88.8	89.4	89.6	89.6	90.0	90.3	90.5	91.0
GE 1200	83.3	86.1	87.0	87.4	88.2	88.4	88.5	88.9	88.9	89.5	89.7	89.7	90.1	90.4	90.6	91.1
GE 1000	83.4	86.2	87.1	87.5	88.3	88.5	88.6	89.1	89.1	89.7	90.0	90.0	90.4	90.8	91.0	91.4
GE 900	83.4	86.2	87.1	87.5	88.3	88.5	88.6	89.2	89.2	89.8	90.1	90.1	90.5	90.9	91.1	91.5
GE 800	83.4	86.2	87.1	87.6	88.4	88.7	88.8	89.6	89.7	90.2	90.5	90.5	91.0	91.3	91.5	91.9
GE 700	83.4	86.3	87.3	87.8	88.7	89.0	89.1	90.0	90.1	90.6	91.0	91.0	91.4	91.7	91.9	92.4
GE 600	83.4	86.5	87.6	88.2	89.0	89.4	89.5	90.4	90.6	91.3	91.7	91.7	92.3	92.6	92.8	93.2
GE 500	83.5	86.8	88.2	88.8	89.8	90.1	90.2	91.2	91.4	92.0	92.7	92.7	93.4	93.9	94.1	94.5
GE 400	83.7	87.3	88.9	89.6	90.6	91.1	91.3	92.4	92.7	93.3	94.1	94.2	95.3	95.7	95.9	96.3
GE 300	83.8	87.4	89.0	89.7	90.8	91.2	91.4	92.6	93.0	93.9	94.6	94.9	96.0	96.6	97.1	98.0
GE 200	83.8	87.5	89.1	89.8	90.9	91.3	91.5	93.0	93.4	94.4	95.4	95.7	96.9	97.4	98.4	99.6
GE 100	83.8	87.5	89.1	89.8	91.0	91.4	91.6	93.2	93.8	94.7	95.7	96.1	97.3	97.8	98.8	100.0
GE 0	83.8	87.5	89.1	89.8	91.0	91.4	91.6	93.2	93.8	94.7	95.7	96.1	97.3	97.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.8	29.6	29.6	29.7	29.8	30.0	30.1	30.2	30.2	30.6	30.8	30.8	31.4	31.6	31.8	32.3
GE 20000	31.8	32.6	32.6	32.7	32.8	33.0	33.1	33.2	33.2	33.7	33.8	33.8	34.4	34.6	34.9	35.6
GE 18000	34.4	35.2	35.2	35.3	35.4	35.6	35.7	35.8	35.8	36.2	36.3	36.3	37.0	37.2	37.5	38.3
GE 16000	35.2	35.9	35.9	36.0	36.1	36.3	36.5	36.6	36.6	37.0	37.1	37.1	37.7	38.0	38.3	39.0
GE 14000	35.9	36.7	36.7	36.6	37.0	37.2	37.3	37.4	37.4	37.8	38.0	38.0	38.6	38.8	39.1	39.9
GE 12000	39.6	40.3	40.3	40.4	40.6	40.9	41.0	41.1	41.1	41.5	41.6	41.6	42.3	42.5	42.8	43.5
GE 10000	45.1	45.8	45.8	45.9	46.1	46.3	46.5	46.6	46.6	47.0	47.1	47.1	47.7	48.0	48.3	49.0
GE 9000	50.4	51.2	51.2	51.3	51.5	51.7	51.8	51.9	51.9	52.4	52.5	52.5	53.1	53.3	53.7	54.4
GE 8000	57.3	58.2	58.4	58.5	58.7	58.9	59.0	59.1	59.1	59.6	59.7	59.7	60.3	60.5	60.9	61.6
GE 7000	64.4	65.4	65.7	65.8	66.0	66.2	66.3	66.5	66.5	66.9	67.0	67.0	67.6	67.8	68.2	68.9
GE 6000	68.9	70.3	70.6	70.8	71.0	71.2	71.3	71.4	71.4	71.8	72.0	72.0	72.7	72.9	73.2	74.0
GE 5000	73.8	75.3	75.6	75.7	75.9	76.1	76.2	76.3	76.3	76.8	77.0	77.0	77.6	77.8	78.2	78.9
GE 4500	77.0	78.5	78.8	78.9	79.1	79.4	79.5	79.6	79.6	80.0	80.2	80.2	80.9	81.1	81.4	82.2
GE 4000	79.4	81.2	81.7	81.8	82.2	82.4	82.5	82.6	82.6	83.0	83.2	83.2	83.9	84.1	84.4	85.2
GE 3500	80.9	82.8	83.3	83.4	83.8	84.0	84.1	84.2	84.2	84.6	84.8	84.8	85.5	85.7	86.0	86.8
GE 3000	82.3	84.6	85.2	85.3	85.6	85.8	85.9	86.0	86.0	86.5	86.7	86.7	87.3	87.5	87.8	88.6
GE 2500	83.1	85.7	86.3	86.5	86.8	87.0	87.1	87.2	87.2	87.6	87.8	87.8	88.5	88.7	89.1	89.9
GE 2200	83.7	86.3	87.1	87.2	87.5	87.8	88.0	88.1	88.1	88.5	88.7	88.7	89.4	89.6	90.0	90.8
GE 2000	83.8	86.5	87.2	87.4	87.7	88.2	88.3	88.4	88.5	88.9	89.1	89.1	89.8	90.0	90.4	91.2
GE 1800	84.0	86.8	87.6	88.0	88.3	88.7	89.0	89.4	89.5	90.1	90.4	90.4	91.1	91.3	91.8	92.6
GE 1600	84.2	87.0	87.8	88.3	88.6	89.0	89.4	89.7	89.8	90.4	90.8	90.9	91.5	91.7	92.3	93.0
GE 1400	84.2	87.0	87.8	88.3	88.8	89.2	89.7	90.0	90.2	90.9	91.3	91.4	92.0	92.3	92.8	93.5
GE 1200	84.2	87.0	87.8	88.5	88.8	89.2	89.7	90.0	90.2	90.9	91.3	91.4	92.0	92.3	92.8	93.5
GE 1000	84.3	87.1	88.0	88.4	89.0	89.5	90.0	90.3	90.6	91.3	91.7	91.8	92.5	92.7	93.2	94.0
GE 900	84.3	87.2	88.1	88.5	89.1	89.6	90.1	90.4	90.8	91.4	91.8	91.9	92.6	92.8	93.5	94.3
GE 800	84.4	87.4	88.3	88.7	89.4	89.9	90.5	90.9	91.2	91.9	92.4	92.5	93.1	93.3	94.1	94.8
GE 700	84.5	87.8	88.8	89.2	90.1	90.6	91.3	91.7	92.0	92.9	93.5	93.7	94.4	94.6	95.4	96.2
GE 600	84.5	87.8	88.8	89.2	90.1	90.8	91.5	92.4	92.7	93.5	94.3	94.5	95.4	95.6	96.5	97.3
GE 500	84.5	88.1	89.1	89.7	90.5	91.2	91.9	93.0	93.3	94.2	95.3	95.5	96.8	97.0	97.8	99.1
GE 200	84.6	88.2	89.2	89.8	90.6	91.3	92.0	93.4	93.9	94.7	95.9	96.1	97.4	97.6	98.5	100.0
GE 100	84.6	88.2	89.2	89.8	90.6	91.3	92.0	93.4	93.9	94.7	95.9	96.1	97.4	97.6	98.5	100.0
GE 0	84.6	88.2	89.2	89.8	90.6	91.3	92.0	93.4	93.9	94.7	95.9	96.1	97.4	97.6	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.4	30.0	30.1	30.2	30.3	30.3	30.3	30.3	30.3	30.3	30.5	30.5	30.8	30.8	31.3	31.4
GE 20000	32.4	33.0	33.1	33.3	33.3	33.3	33.3	33.3	33.3	33.4	33.7	33.7	33.9	34.0	34.6	34.7
GE 18000	35.5	36.1	36.2	36.5	36.5	36.5	36.5	36.5	36.5	36.6	36.8	36.8	37.0	37.1	37.7	38.0
GE 16000	36.1	36.8	36.9	37.1	37.1	37.1	37.1	37.1	37.1	37.2	37.4	37.4	37.6	37.7	38.4	38.6
GE 14000	38.0	38.8	38.9	39.1	39.2	39.2	39.2	39.2	39.2	39.4	39.6	39.6	39.8	39.9	40.5	40.8
GE 12000	40.2	41.1	41.2	41.4	41.6	41.6	41.6	41.6	41.6	41.7	41.9	41.9	42.2	42.3	42.9	43.1
GE 10000	45.1	46.0	46.1	46.3	46.6	46.6	46.6	46.6	46.6	46.7	46.9	46.9	47.1	47.2	47.8	48.1
GE 9000	49.5	50.4	50.5	50.8	51.0	51.0	51.0	51.0	51.0	51.1	51.3	51.3	51.5	51.6	52.3	52.5
GE 8000	59.2	60.2	60.4	60.6	61.0	61.0	61.0	61.0	61.0	61.1	61.3	61.3	61.5	61.6	62.3	62.5
GE 7000	65.2	66.1	66.3	66.6	66.9	66.9	66.9	66.9	66.9	67.0	67.2	67.2	67.4	67.5	68.2	68.4
GE 6000	70.0	71.2	71.4	71.6	71.9	71.9	71.9	71.9	71.9	72.0	72.3	72.3	72.5	72.6	73.2	73.4
GE 5000	76.3	77.6	77.8	78.1	78.5	78.6	78.6	78.6	78.6	78.7	78.9	78.9	79.1	79.2	79.9	80.1
GE 4500	79.5	80.8	81.0	81.5	81.9	82.0	82.0	82.0	82.0	82.2	82.4	82.4	82.6	82.7	83.3	83.5
GE 4000	82.0	83.4	83.7	84.2	84.8	84.9	84.9	84.9	84.9	85.1	85.3	85.3	85.5	85.6	86.2	86.5
GE 3500	82.9	84.5	84.7	85.3	86.0	86.1	86.1	86.1	86.1	86.2	86.5	86.5	86.7	86.8	87.4	87.6
GE 3000	84.0	85.8	86.1	86.7	87.4	87.5	87.5	87.5	87.6	87.7	88.0	88.0	88.2	88.3	88.9	89.1
GE 2500	84.8	87.0	87.5	88.1	88.8	88.9	88.9	88.9	89.0	89.1	89.4	89.4	89.6	89.7	90.3	90.5
GE 2000	85.3	87.7	88.4	89.0	90.2	90.4	90.4	90.8	90.9	91.0	91.2	91.2	91.4	91.5	92.2	92.4
GE 1800	85.3	87.7	88.4	89.0	90.2	90.4	90.4	90.8	90.9	91.0	91.2	91.2	91.4	91.5	92.2	92.4
GE 1500	85.4	88.0	88.7	89.4	90.6	90.9	91.1	91.4	91.5	91.6	91.8	91.8	92.0	92.2	92.8	93.0
GE 1200	85.7	88.3	89.0	89.7	91.0	91.2	91.4	91.7	91.8	91.9	92.2	92.2	92.4	92.5	93.1	93.3
GE 1000	85.7	88.4	89.1	89.9	91.2	91.4	91.7	92.0	92.2	92.5	92.8	92.8	93.0	93.1	93.8	94.0
GE 900	85.9	88.6	89.4	90.1	91.4	91.6	91.9	92.3	92.4	92.7	93.0	93.0	93.2	93.3	94.0	94.2
GE 800	85.9	88.6	89.5	90.2	91.6	91.8	92.3	92.6	92.7	93.0	93.4	93.4	93.7	93.8	94.4	94.6
GE 700	86.1	88.8	89.7	90.4	91.8	92.0	92.5	92.8	92.9	93.3	94.0	94.0	94.2	94.3	94.9	95.2
GE 600	86.2	88.9	89.8	90.5	91.9	92.2	92.6	92.9	93.0	93.5	94.3	94.3	94.5	94.6	95.3	95.5
GE 500	86.8	89.5	90.3	91.1	92.5	92.7	93.1	93.5	93.7	94.2	95.2	95.3	95.5	95.6	96.2	96.5
GE 400	87.1	89.9	90.8	91.6	93.0	93.2	93.7	94.1	94.2	94.9	95.9	96.0	96.2	96.5	97.1	97.5
GE 300	87.1	89.9	90.8	91.6	93.2	93.4	93.9	94.5	94.6	95.5	96.5	96.6	96.8	97.1	98.0	98.5
GE 200	87.1	89.9	90.8	91.6	93.2	93.4	93.9	94.6	95.1	95.9	97.0	97.2	97.4	97.7	98.7	99.4
GE 100	87.1	89.9	90.8	91.6	93.2	93.4	93.9	94.6	95.1	95.9	97.1	97.4	97.7	98.1	99.0	99.7
GE 0	87.1	89.9	90.8	91.6	93.2	93.4	93.9	94.6	95.1	95.9	97.1	97.4	97.7	98.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 9/16	GE 1/4	GE 0
NO CEIL	28.4	29.6	29.8	30.0	30.3	30.3	30.3	30.4	30.4	30.6	30.8	30.8	31.2	31.3	31.9	32.3
GE 20000	29.9	31.1	31.3	31.5	31.8	31.9	31.9	32.0	32.3	32.5	32.6	32.6	33.0	33.1	33.8	34.1
GE 18000	31.0	32.4	32.6	32.8	33.1	33.2	33.2	33.3	33.5	33.8	33.9	33.9	34.3	34.4	35.1	35.5
GE 16000	31.5	32.9	33.1	33.3	33.7	33.8	33.8	33.9	34.1	34.3	34.4	34.4	34.8	34.9	35.6	36.0
GE 14000	32.8	34.2	34.4	34.6	34.9	35.1	35.1	35.2	35.4	35.6	35.7	35.7	36.1	36.2	36.9	37.3
GE 12000	36.1	37.5	37.7	38.0	38.3	38.4	38.4	38.5	38.7	38.9	39.0	39.0	39.5	39.6	40.2	40.6
GE 10000	40.3	41.7	41.9	42.2	42.5	42.6	42.7	42.8	43.0	43.2	43.3	43.3	43.8	43.9	44.5	44.9
GE 9000	44.7	46.1	46.3	46.6	46.9	47.0	47.1	47.2	47.4	47.6	47.7	47.7	48.2	48.3	48.9	49.4
GE 8000	53.1	54.6	54.8	55.1	55.4	55.5	55.6	55.8	56.0	56.2	56.3	56.3	56.8	56.9	57.5	58.0
GE 7000	58.5	60.1	60.3	60.5	61.0	61.1	61.2	61.4	61.6	61.8	61.9	61.9	62.4	62.5	63.1	63.5
GE 6000	63.3	64.9	65.2	65.4	65.8	65.9	66.0	66.2	66.5	66.7	66.9	67.1	67.5	67.6	68.3	68.7
GE 5000	69.9	71.5	71.7	71.9	72.4	72.5	72.6	72.8	73.0	73.2	73.4	73.7	74.1	74.2	74.8	75.3
GE 4500	74.0	75.7	75.9	76.1	76.6	76.7	76.8	77.0	77.2	77.4	77.6	77.8	78.3	78.4	79.0	79.5
GE 4000	79.1	80.2	80.4	80.6	81.1	81.2	81.3	81.5	81.7	81.9	82.2	82.4	82.8	82.9	83.5	84.0
GE 3500	79.7	82.2	82.4	82.6	83.0	83.1	83.2	83.4	83.7	83.9	84.1	84.3	84.7	84.8	85.5	85.9
GE 3000	81.1	83.8	84.1	84.4	84.9	85.1	85.2	85.5	85.7	85.9	86.2	86.5	86.9	87.0	87.6	88.1
GE 2500	81.9	84.9	85.3	85.7	86.2	86.3	86.5	86.8	87.0	87.2	87.5	87.7	88.2	88.3	88.9	89.4
GE 2000	82.5	85.7	86.5	86.9	87.7	88.0	88.2	88.7	88.9	89.1	89.5	89.7	90.1	90.2	90.9	91.3
GE 1800	82.6	85.8	86.7	87.1	88.1	88.3	88.5	89.0	89.2	89.5	89.8	90.0	90.4	90.5	91.2	91.6
GE 1500	83.0	86.3	87.2	87.6	88.6	88.8	89.0	89.6	89.8	90.0	90.3	90.5	91.0	91.1	91.7	92.2
GE 1200	83.0	86.3	87.3	87.7	88.7	89.0	89.2	89.8	90.0	90.2	90.5	90.8	91.2	91.3	91.9	92.4
GE 1000	83.2	86.7	87.7	88.2	89.1	89.5	89.7	90.4	90.6	90.9	91.2	91.4	91.8	91.9	92.6	93.0
GE 900	83.3	86.9	88.0	88.4	89.4	89.7	89.9	90.9	91.1	91.3	91.6	91.8	92.3	92.4	93.0	93.4
GE 800	83.3	86.9	88.0	88.4	89.6	89.9	90.1	91.3	91.5	91.7	92.0	92.3	92.7	92.8	93.4	93.9
GE 700	83.4	87.1	88.2	88.6	89.8	90.1	90.4	91.6	92.0	92.4	92.8	93.0	93.4	93.5	94.2	94.6
GE 600	83.8	87.8	88.9	89.4	90.5	91.0	91.3	92.7	92.9	93.2	94.0	94.2	94.6	94.7	95.4	95.8
GE 500	84.2	88.6	89.7	90.2	91.4	91.8	92.3	93.7	93.9	94.2	94.9	95.2	95.6	95.7	96.3	96.8
GE 400	84.4	89.1	90.3	90.9	92.0	92.5	93.1	94.5	94.7	95.1	95.8	96.0	96.5	96.6	97.2	97.6
GE 300	84.5	89.5	90.6	91.3	92.6	93.0	93.8	95.4	95.6	95.9	96.7	96.9	97.3	97.4	98.1	98.6
GE 200	84.5	89.5	90.6	91.4	92.7	93.1	93.9	95.6	95.8	96.3	97.2	97.4	98.1	98.2	98.8	99.5
GE 100	84.5	89.5	90.6	91.4	92.7	93.1	94.1	95.8	96.0	96.6	97.4	97.6	98.4	98.5	99.2	99.9
GE 0	84.5	89.5	90.6	91.4	92.7	93.1	94.1	95.8	96.0	96.6	97.4	97.6	98.4	98.5	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.7	31.4	31.6	31.8	31.9	31.9	32.3	32.5	32.6	32.7	33.0	33.0	33.4	33.4	33.7	33.9
GE 20000	30.3	32.0	32.3	32.5	32.6	32.6	32.9	33.1	33.2	33.3	33.7	33.7	34.1	34.1	34.3	34.5
GE 18000	31.6	33.4	33.7	33.9	34.0	34.0	34.3	34.5	34.6	34.7	35.1	35.1	35.5	35.5	35.7	36.0
GE 16000	31.9	33.8	34.0	34.2	34.3	34.3	34.6	34.8	34.9	35.1	35.4	35.4	35.8	35.8	36.0	36.3
GE 14000	33.3	35.2	35.4	35.6	35.7	35.7	36.0	36.2	36.3	36.5	36.8	36.8	37.2	37.2	37.4	37.7
GE 12000	36.2	38.1	38.3	38.5	38.6	38.6	38.9	39.1	39.2	39.4	39.7	39.7	40.1	40.1	40.3	40.6
GE 10000	40.4	42.3	42.5	42.7	42.8	42.8	43.1	43.3	43.4	43.5	43.9	43.9	44.3	44.3	44.5	44.8
GE 9000	44.0	45.8	46.0	46.2	46.3	46.3	46.7	46.9	47.0	47.1	47.4	47.4	47.8	47.8	48.1	48.4
GE 8000	50.4	52.5	52.7	52.9	53.0	53.0	53.3	53.5	53.7	53.8	54.1	54.1	54.6	54.6	54.8	55.2
GE 7000	56.0	58.2	58.4	58.6	58.7	58.7	59.0	59.2	59.4	59.5	59.8	59.8	60.3	60.3	60.5	60.9
GE 6000	61.2	63.4	63.7	63.9	64.0	64.0	64.3	64.5	64.6	64.7	65.1	65.1	65.6	65.6	65.8	66.1
GE 5000	69.6	71.2	71.4	71.6	71.7	71.7	72.3	72.5	72.6	72.7	73.0	73.0	73.5	73.5	73.8	74.1
GE 4500	72.5	75.3	75.5	75.7	75.8	75.8	76.3	76.6	76.7	76.8	77.1	77.1	77.6	77.6	77.8	78.2
GE 4000	75.6	78.5	78.7	78.9	79.0	79.0	79.6	79.8	79.9	80.0	80.3	80.3	80.9	80.9	81.1	81.4
GE 3500	77.7	80.8	81.0	81.2	81.3	81.3	81.8	82.0	82.2	82.3	82.6	82.6	83.1	83.1	83.3	83.7
GE 3000	79.5	83.2	83.7	84.0	84.2	84.2	84.8	85.1	85.2	85.3	85.7	85.7	86.2	86.2	86.5	86.8
GE 2500	80.3	84.5	84.9	85.3	85.5	85.5	86.1	86.3	86.5	86.6	87.0	87.0	87.5	87.5	87.7	88.1
GE 2000	81.1	85.5	86.1	86.5	86.7	86.7	87.4	87.7	87.8	88.0	88.4	88.4	88.9	88.9	89.1	89.5
GE 1900	81.1	85.6	86.2	86.7	86.9	86.9	87.6	88.0	88.1	88.2	88.6	88.6	89.1	89.1	89.4	89.7
GE 1500	82.0	87.4	88.1	88.5	88.8	88.8	89.6	89.9	90.0	90.1	90.5	90.5	91.1	91.1	91.3	91.6
GE 1000	82.3	87.8	88.5	88.9	89.2	89.2	90.0	90.4	90.5	90.6	91.1	91.1	91.6	91.6	91.8	92.2
GE 1000	82.5	88.2	88.8	89.2	89.6	89.6	90.3	90.9	91.0	91.1	91.5	91.5	92.0	92.0	92.3	92.6
GE 900	82.7	88.7	89.5	89.9	90.2	90.2	91.0	91.5	91.7	91.8	92.3	92.3	92.9	92.9	93.1	93.4
GE 800	82.7	88.7	89.5	89.9	90.5	90.6	91.4	92.0	92.3	92.4	92.8	92.8	93.4	93.4	93.7	94.0
GE 700	82.8	88.9	89.7	90.1	90.9	91.0	91.7	92.5	92.7	92.8	93.2	93.2	93.9	93.9	94.1	94.4
GE 600	82.8	89.1	89.9	90.3	91.2	91.3	92.0	92.8	93.0	93.3	93.8	93.8	94.4	94.4	94.6	94.9
GE 500	82.8	89.4	90.1	90.5	91.4	91.5	92.3	93.0	93.2	93.9	94.3	94.3	94.9	94.9	95.2	95.5
GE 400	83.0	90.0	90.9	91.3	92.2	92.3	93.1	93.9	94.1	94.7	95.2	95.2	95.8	95.8	96.0	96.6
GE 300	83.2	90.2	91.5	91.9	93.0	93.1	94.0	95.1	95.3	95.9	96.6	96.6	97.2	97.2	97.4	98.1
GE 200	83.2	90.3	91.7	92.2	93.3	93.4	94.5	95.6	95.8	96.8	97.4	97.4	98.5	98.5	98.8	99.4
GE 100	83.2	90.5	91.9	92.4	93.5	93.7	94.7	95.8	96.0	97.0	97.6	97.6	98.7	98.7	99.2	99.9
GE 0	83.2	90.5	91.9	92.4	93.5	93.7	94.7	95.8	96.0	97.0	97.6	97.6	98.8	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.1	30.1	30.3	30.4	30.6	30.6	30.8	30.9	30.9	31.1	31.3	31.3	31.7	31.9	32.3	32.6
GE 20000	30.7	31.6	32.0	32.1	32.2	32.3	32.4	32.5	32.6	32.8	33.0	33.0	33.4	33.6	34.0	34.4
GE 18000	32.6	33.7	33.9	34.0	34.2	34.2	34.4	34.4	34.5	34.7	34.9	34.9	35.3	35.6	35.9	36.4
GE 16000	32.9	34.0	34.2	34.3	34.5	34.5	34.7	34.7	34.8	35.0	35.2	35.2	35.6	35.8	36.2	36.7
GE 14000	34.2	35.4	35.6	35.7	35.9	35.9	36.1	36.2	36.2	36.5	36.6	36.7	37.0	37.3	37.6	38.1
GE 12000	37.4	38.5	38.7	38.9	39.1	39.1	39.3	39.4	39.4	39.7	39.8	39.9	40.3	40.5	40.9	41.3
GE 10000	42.0	43.2	43.4	43.5	43.7	43.8	43.9	44.0	44.1	44.3	44.5	44.5	44.9	45.1	45.5	45.9
GE 9000	46.1	47.3	47.5	47.6	47.8	47.9	48.0	48.1	48.2	48.4	48.6	48.6	49.0	49.2	49.6	50.1
GE 8000	53.3	54.6	54.8	55.0	55.2	55.3	55.4	55.5	55.6	55.8	56.0	56.0	56.4	56.7	57.0	57.5
GE 7000	59.8	61.2	61.4	61.6	61.8	61.9	62.0	62.2	62.2	62.5	62.6	62.7	63.1	63.3	63.7	64.1
GE 6000	64.6	66.0	66.3	66.4	66.7	66.7	66.9	67.0	67.1	67.4	67.6	67.6	68.0	68.3	68.6	69.1
GE 5000	69.9	71.4	71.7	71.8	72.1	72.2	72.4	72.5	72.6	72.8	73.0	73.1	73.6	73.8	74.2	74.6
GE 4500	73.7	75.5	75.8	76.0	76.2	76.3	76.5	76.6	76.7	77.0	77.2	77.3	77.7	77.9	78.3	78.8
GE 4000	77.5	79.5	79.9	80.1	80.4	80.5	80.7	80.8	80.9	81.1	81.4	81.5	81.9	82.1	82.5	82.9
GE 3500	79.0	81.3	81.8	82.0	82.3	82.4	82.6	82.8	82.8	83.1	83.3	83.4	83.8	84.1	84.4	84.9
GE 3000	80.5	83.2	83.8	84.1	84.5	84.6	84.9	85.0	85.1	85.4	85.6	85.7	86.1	86.4	86.8	87.2
GE 2500	81.3	84.4	85.1	85.3	85.8	85.9	86.2	86.3	86.4	86.7	86.9	87.0	87.4	87.7	88.1	88.5
GE 2000	82.0	85.3	86.1	86.5	87.0	87.2	87.5	87.7	87.8	88.1	88.4	88.5	88.9	89.2	89.6	90.0
GE 1800	82.1	85.5	86.3	86.7	87.3	87.4	87.8	88.0	88.1	88.4	88.7	88.8	89.2	89.4	89.8	90.3
GE 1500	82.6	86.2	87.1	87.6	88.2	88.4	88.8	89.1	89.2	89.5	89.8	89.9	90.3	90.6	91.0	91.4
GE 1200	82.7	86.5	87.4	87.8	88.5	88.7	89.1	89.4	89.5	89.8	90.1	90.2	90.6	90.9	91.3	91.7
GE 1000	82.9	86.8	87.7	88.2	88.9	89.1	89.5	89.9	90.0	90.4	90.7	90.8	91.3	91.5	91.9	92.3
GE 900	83.0	86.9	87.9	88.4	89.2	89.4	89.8	90.2	90.3	90.7	91.1	91.2	91.6	91.9	92.3	92.7
GE 800	83.1	87.0	88.1	88.5	89.4	89.7	90.2	90.6	90.8	91.2	91.6	91.7	92.2	92.4	92.8	93.3
GE 700	83.2	87.2	88.3	88.7	89.7	89.9	90.5	91.0	91.3	91.7	92.1	92.2	92.7	92.9	93.4	93.9
GE 600	83.3	87.6	88.7	89.2	90.2	90.5	91.1	91.7	91.9	92.4	92.9	93.1	93.6	93.8	94.3	94.8
GE 500	83.6	88.1	89.3	89.8	90.9	91.2	91.8	92.4	92.7	93.3	93.9	94.0	94.6	94.9	95.4	95.9
GE 400	83.7	88.4	89.7	90.3	91.4	91.7	92.4	93.1	93.4	94.0	94.7	94.9	95.5	95.8	96.4	97.0
GE 300	83.9	88.7	90.1	90.7	91.9	92.2	92.9	93.8	94.1	94.9	95.7	95.9	96.7	97.0	97.8	98.5
GE 200	83.9	88.8	90.2	90.8	92.0	92.4	93.1	94.1	94.4	95.3	96.2	96.4	97.3	97.7	98.6	99.5
GE 100	83.9	88.8	90.2	90.8	92.1	92.4	93.2	94.2	94.6	95.5	96.4	96.6	97.6	98.0	98.9	99.8
GE 0	83.9	88.8	90.2	90.8	92.1	92.4	93.2	94.2	94.6	95.5	96.4	96.6	97.6	98.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
Air WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	45.2	45.6	46.0	46.1	46.2	46.2	46.2	46.3	46.3	46.6	46.6	46.6	46.8	46.8	47.2	48.1
GE 20000	45.4	46.0	46.3	46.5	46.6	46.6	46.6	46.7	46.7	46.9	46.9	46.9	47.2	47.2	47.5	48.5
GE 18000	47.3	47.9	48.2	48.3	48.5	48.5	48.5	48.6	48.6	48.8	48.8	48.8	49.1	49.1	49.4	50.4
GE 16000	47.4	48.0	48.3	48.5	48.6	48.6	48.6	48.7	48.7	48.9	48.9	48.9	49.2	49.2	49.5	50.5
GE 14000	48.6	49.2	49.5	49.6	49.8	49.8	49.8	49.9	49.9	50.1	50.1	50.1	50.4	50.4	50.7	51.7
GE 12000	50.9	51.5	51.9	52.0	52.1	52.1	52.1	52.2	52.2	52.5	52.5	52.5	52.7	52.7	53.1	54.0
GE 10000	55.8	56.5	56.9	57.0	57.1	57.1	57.1	57.2	57.2	57.4	57.4	57.4	57.7	57.7	58.0	59.0
GE 9000	58.3	59.1	59.5	59.6	59.7	59.7	59.7	59.8	59.8	60.0	60.0	60.0	60.4	60.4	60.8	61.7
GE 8000	64.2	65.4	65.7	65.8	66.0	66.0	66.0	66.1	66.1	66.3	66.3	66.3	66.7	66.7	67.0	68.0
GE 7000	68.6	69.7	70.1	70.2	70.3	70.3	70.3	70.4	70.4	70.7	70.7	70.7	71.0	71.0	71.4	72.3
GE 6000	70.2	71.4	71.7	71.9	72.0	72.0	72.0	72.1	72.1	72.3	72.3	72.3	72.7	72.7	73.0	74.0
GE 5000	74.5	75.8	76.1	76.2	76.4	76.4	76.4	76.5	76.5	76.7	76.7	76.7	77.1	77.1	77.4	78.4
GE 4500	75.7	77.2	77.5	77.7	77.8	77.8	77.8	77.9	77.9	78.1	78.1	78.1	78.5	78.5	78.8	79.8
GE 4000	77.7	79.8	80.4	80.6	80.7	80.7	80.7	80.9	80.9	81.1	81.1	81.1	81.4	81.4	81.8	82.7
GE 3500	79.6	81.1	81.8	82.0	82.2	82.2	82.2	82.3	82.3	82.5	82.5	82.5	82.9	82.9	83.2	84.2
GE 3000	80.4	83.3	84.0	84.3	84.6	84.6	84.6	84.9	84.9	85.1	85.1	85.1	85.5	85.5	85.8	86.8
GE 2500	81.1	84.5	85.3	85.6	86.3	86.4	86.4	86.6	86.6	86.9	86.9	86.9	87.2	87.2	87.6	88.5
GE 2000	81.4	85.8	86.6	86.9	87.6	87.7	87.7	87.9	87.9	88.3	88.3	88.3	88.9	88.9	89.2	90.2
GE 1800	81.6	85.9	86.9	87.1	87.8	87.9	87.9	88.2	88.2	88.5	88.5	88.5	89.1	89.1	89.5	90.4
GE 1500	81.6	86.3	87.5	87.7	88.8	88.9	88.9	89.1	89.1	89.5	89.5	89.6	90.2	90.2	90.5	91.5
GE 1200	81.6	86.4	87.6	87.8	88.9	89.0	89.0	89.2	89.2	89.6	89.7	90.0	90.7	90.7	91.0	92.0
GE 1000	81.9	87.0	88.2	88.5	90.0	90.2	90.3	90.8	90.8	91.1	91.5	91.7	92.6	92.6	92.9	93.9
GE 900	81.9	87.1	88.3	88.7	90.1	90.3	90.4	90.9	91.0	91.5	91.8	92.1	92.9	92.9	93.3	94.2
GE 800	81.9	87.1	88.3	88.8	90.3	90.5	90.8	91.4	91.5	92.0	92.3	92.6	93.4	93.4	93.7	94.7
GE 700	81.9	87.1	88.3	88.8	90.4	90.7	91.0	91.7	92.0	92.6	92.9	93.1	94.0	94.0	94.3	95.3
GE 600	81.9	87.1	88.3	88.8	90.4	90.7	91.0	91.8	92.1	92.7	93.1	93.4	94.3	94.3	94.7	95.6
GE 500	82.0	87.2	88.4	88.9	90.5	90.8	91.1	92.0	92.3	92.9	93.4	93.6	94.6	94.6	95.0	96.0
GE 400	82.3	87.5	88.7	89.1	90.8	91.1	91.5	92.6	92.9	93.5	94.0	94.2	95.4	95.6	96.1	97.2
GE 300	82.4	87.6	88.8	89.2	90.9	91.3	91.6	93.0	93.4	94.0	94.6	95.0	96.5	96.7	97.2	98.2
GE 200	82.4	87.6	88.9	89.4	91.0	91.4	91.7	93.1	93.6	94.2	94.9	95.4	97.0	97.3	98.0	99.4
GE 100	82.4	87.6	88.9	89.4	91.0	91.4	91.7	93.1	93.6	94.2	94.9	95.4	97.0	97.3	98.0	99.5
GE 0	82.4	87.6	88.9	89.4	91.0	91.4	91.7	93.1	93.6	94.2	94.9	95.4	97.2	97.4	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	40.9	42.3	42.8	42.8	42.9	42.9	42.9	43.4	43.4	43.6	43.6	43.7	43.9	43.9	44.3	44.8
GE 20000	41.7	43.5	44.0	44.0	44.1	44.1	44.1	44.6	44.6	44.8	44.8	44.9	45.0	45.0	45.5	46.0
GE 18000	43.5	45.3	45.7	45.7	45.9	45.9	45.9	46.3	46.3	46.6	46.6	46.7	46.8	46.8	47.3	47.8
GE 16000	43.6	45.4	45.9	45.9	46.0	46.0	46.0	46.5	46.5	46.7	46.7	46.8	46.9	46.9	47.4	47.9
GE 14000	44.6	46.3	46.8	46.8	46.9	46.9	46.9	47.4	47.4	47.6	47.6	47.8	47.9	47.9	48.3	48.8
GE 12000	46.3	48.3	48.8	48.8	48.9	48.9	48.9	49.4	49.4	49.6	49.6	49.8	49.9	49.9	50.4	50.8
GE 10000	51.4	53.5	54.0	54.0	54.1	54.1	54.1	54.6	54.6	54.8	54.8	55.0	55.1	55.1	55.6	56.0
GE 9000	53.1	55.2	55.7	55.7	55.8	55.8	55.8	56.3	56.3	56.5	56.5	56.6	56.7	56.7	57.2	57.7
GE 8000	59.5	61.7	62.2	62.2	62.4	62.4	62.4	62.9	62.9	63.1	63.1	63.2	63.4	63.4	63.8	64.3
GE 7000	64.3	66.5	67.0	67.0	67.4	67.4	67.4	67.8	67.8	68.1	68.1	68.2	68.3	68.3	68.8	69.3
GE 6000	66.2	68.4	68.9	68.9	69.3	69.3	69.3	69.7	69.7	70.0	70.0	70.1	70.2	70.2	70.7	71.2
GE 5000	69.7	72.1	72.8	72.9	73.4	73.4	73.4	73.9	73.9	74.1	74.1	74.2	74.3	74.3	74.9	75.4
GE 4500	72.3	74.7	75.4	75.5	76.0	76.0	76.0	76.5	76.5	76.7	76.7	76.8	77.0	77.0	77.5	78.0
GE 4000	75.1	77.7	78.6	78.7	79.2	79.2	79.2	79.7	79.7	79.9	79.9	80.0	80.1	80.1	80.7	81.2
GE 3500	76.5	78.7	79.7	80.0	80.5	80.6	80.6	81.1	81.1	81.3	81.3	81.4	81.6	81.6	82.2	82.6
GE 3000	77.8	81.3	82.4	82.9	83.6	83.7	83.7	84.2	84.2	84.4	84.4	84.5	84.6	84.6	85.2	85.7
GE 2500	78.3	82.4	83.7	84.3	85.0	85.2	85.2	85.8	85.8	86.1	86.1	86.2	86.3	86.3	86.9	87.4
GE 2000	79.7	83.1	84.4	85.0	85.8	86.1	86.2	86.8	86.8	87.0	87.0	87.1	87.2	87.2	87.8	88.3
GE 1800	78.7	83.1	84.5	85.1	85.9	86.2	86.3	86.9	86.9	87.1	87.1	87.2	87.4	87.4	87.9	88.4
GE 1500	78.7	83.3	84.8	85.3	86.2	86.4	86.8	87.4	87.4	87.6	87.6	87.7	87.8	87.8	88.4	88.9
GE 1200	79.0	83.7	85.1	85.7	86.5	86.8	87.2	87.6	87.8	88.2	88.2	88.3	88.4	88.4	89.0	89.5
GE 1000	79.1	84.0	85.7	86.3	87.4	87.6	88.3	89.1	89.5	90.0	90.0	90.1	90.3	90.3	90.9	91.4
GE 900	79.1	84.2	85.8	86.4	87.5	87.7	88.4	89.2	89.6	90.1	90.1	90.2	90.4	90.4	91.0	91.5
GE 800	79.2	84.4	86.1	86.8	87.8	88.1	88.9	89.8	90.2	90.7	90.7	90.8	91.0	91.0	91.6	92.1
GE 700	79.2	84.8	86.4	87.1	88.2	88.4	89.2	90.2	90.5	91.3	91.7	91.8	92.1	92.1	92.7	93.1
GE 600	79.6	85.1	86.8	87.5	88.5	88.8	89.6	90.5	90.9	91.8	92.7	92.8	93.0	93.0	93.6	94.1
GE 500	79.7	85.6	87.2	87.9	89.1	89.4	90.3	91.3	91.6	92.7	93.5	93.7	94.0	94.0	94.6	95.2
GE 400	79.8	86.1	88.1	88.9	90.1	90.3	91.3	92.3	92.8	93.9	94.9	95.2	95.4	95.5	96.2	97.0
GE 300	79.8	86.2	88.4	89.2	90.4	90.7	91.6	92.9	93.4	94.6	96.0	96.2	96.6	96.7	97.5	98.5
GE 200	79.8	86.2	88.4	89.2	90.4	90.7	91.6	93.0	93.5	94.7	96.3	96.6	96.9	97.0	98.2	99.3
GE 100	79.8	86.2	88.4	89.4	90.5	90.8	91.7	93.1	93.6	94.8	96.5	96.7	97.0	97.2	98.5	99.8
GE 0	79.8	86.2	88.4	89.4	90.5	90.8	91.7	93.1	93.6	94.8	96.5	96.7	97.0	97.2	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	37.6	39.1	39.2	39.2	39.7	39.7	39.7	39.8	39.8	40.3	40.5	40.7	40.8	40.8	41.3	41.7
GE 20000	39.2	41.0	41.1	41.1	41.6	41.6	41.6	41.7	41.7	42.2	42.4	42.6	42.7	42.7	43.1	43.6
GE 18000	41.1	42.9	43.0	43.0	43.5	43.5	43.5	43.6	43.6	44.1	44.3	44.4	44.6	44.6	45.0	45.5
GE 16000	41.1	42.9	43.0	43.0	43.5	43.5	43.5	43.6	43.6	44.1	44.3	44.4	44.6	44.6	45.0	45.5
GE 14000	42.2	44.0	44.1	44.1	44.6	44.6	44.6	44.7	44.7	45.2	45.4	45.5	45.6	45.6	46.1	46.6
GE 12000	44.0	46.0	46.1	46.1	46.7	46.7	46.7	46.8	46.8	47.3	47.5	47.6	47.8	47.8	48.2	48.7
GE 10000	48.2	50.4	50.5	50.5	51.1	51.1	51.1	51.2	51.2	51.7	51.9	52.0	52.1	52.1	52.6	53.1
GE 9000	51.1	53.3	53.4	53.4	54.0	54.0	54.0	54.1	54.1	54.6	54.8	55.0	55.1	55.1	55.6	56.0
GE 8000	55.0	57.3	57.4	57.4	58.0	58.0	58.0	58.2	58.2	58.6	58.9	59.0	59.1	59.1	59.6	60.0
GE 7000	59.7	62.1	62.2	62.2	62.8	62.8	62.8	62.9	62.9	63.4	63.6	63.7	63.8	63.8	64.3	64.8
GE 6000	64.2	66.5	66.7	66.7	67.3	67.3	67.3	67.4	67.4	67.8	68.1	68.2	68.3	68.3	68.8	69.3
GE 5000	69.0	71.5	71.6	71.7	72.5	72.5	72.5	72.6	72.6	73.0	73.3	73.4	73.5	73.5	74.0	74.5
GE 4500	70.9	73.4	73.5	73.6	74.3	74.3	74.3	74.5	74.5	74.9	75.2	75.3	75.4	75.4	75.9	76.4
GE 4000	73.9	77.1	77.3	77.4	78.1	78.1	78.1	78.3	78.3	78.7	79.0	79.1	79.2	79.2	79.7	80.1
GE 3500	75.3	79.2	79.7	79.8	80.5	80.5	80.5	80.6	80.6	81.1	81.3	81.4	81.6	81.6	82.0	82.5
GE 3000	76.8	81.4	81.9	82.3	83.1	83.1	83.1	83.2	83.2	83.7	83.9	84.0	84.2	84.2	84.6	85.1
GE 2500	78.5	83.2	84.3	84.6	85.5	85.5	85.5	85.6	85.6	86.1	86.3	86.4	86.5	86.5	87.0	87.5
GE 2000	79.8	83.7	84.8	85.1	86.1	86.1	86.1	86.2	86.2	86.6	87.0	87.1	87.2	87.2	87.7	88.2
GE 1800	79.0	83.6	84.9	85.3	86.3	86.3	86.3	86.4	86.4	86.9	87.2	87.4	87.5	87.5	87.9	88.4
GE 1500	79.4	84.3	85.3	86.1	87.0	87.1	87.2	87.5	87.5	88.1	88.4	88.5	88.7	88.7	89.1	89.6
GE 1200	79.6	84.6	85.7	86.4	87.5	87.6	87.8	88.4	88.4	89.0	89.4	89.5	89.6	89.6	90.1	90.5
GE 1000	79.6	84.6	85.8	86.5	88.3	88.4	88.7	89.4	89.4	90.0	90.3	90.4	90.5	90.5	91.0	91.5
GE 900	79.6	84.8	85.9	86.6	88.5	88.7	88.9	89.8	89.8	90.4	90.8	90.9	91.0	91.0	91.5	92.0
GE 800	79.6	84.9	86.3	87.0	88.9	89.0	89.4	90.5	90.7	91.3	91.7	91.8	92.0	92.0	92.4	92.9
GE 700	79.7	85.0	86.6	87.4	89.2	89.5	89.8	91.1	91.3	92.0	92.7	92.8	92.9	92.9	93.4	93.9
GE 600	79.9	85.5	87.1	87.8	89.7	90.0	90.3	91.6	91.8	92.6	93.3	93.4	93.6	93.6	94.1	94.6
GE 500	80.0	85.8	87.5	88.2	90.4	90.7	91.0	92.3	92.6	93.3	94.1	94.2	94.4	94.4	94.9	95.4
GE 400	80.0	85.9	87.6	88.3	90.8	91.0	91.5	92.9	93.1	93.9	94.8	94.9	95.4	95.5	96.2	96.7
GE 300	80.0	86.1	87.9	88.7	91.3	91.5	92.2	93.9	94.1	94.8	95.7	95.9	96.6	96.7	97.4	98.2
GE 200	80.0	86.1	87.9	88.8	91.4	91.6	92.4	94.1	94.3	95.2	96.2	96.3	97.0	97.2	98.0	99.3
GE 100	80.0	86.1	88.1	88.9	91.5	91.7	92.6	94.2	94.4	95.3	96.3	96.5	97.4	97.5	98.6	99.9
GE 0	80.0	86.1	88.1	88.9	91.5	91.7	92.6	94.2	94.4	95.3	96.3	96.5	97.4	97.5	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	39.0	39.5	40.0	40.1	40.1	40.1	40.2	40.8	40.9	41.0	41.1	41.3	41.5	41.6	41.9	42.3
GE 20000	41.5	41.0	41.5	41.6	41.6	41.6	41.7	42.3	42.4	42.6	42.7	42.8	43.0	43.1	43.4	43.9
GE 18000	41.6	42.1	42.6	42.7	42.7	42.7	42.8	43.4	43.5	43.6	43.7	43.9	44.1	44.2	44.6	45.0
GE 16000	41.7	42.2	42.7	42.8	42.8	42.8	42.9	43.5	43.6	43.7	43.9	44.0	44.2	44.3	44.7	45.2
GE 14000	43.5	44.0	44.4	44.6	44.7	44.7	44.8	45.4	45.5	45.6	45.7	45.9	46.1	46.2	46.6	47.0
GE 12000	45.3	45.7	46.2	46.3	46.5	46.5	46.6	47.2	47.3	47.4	47.5	47.6	47.9	48.0	48.3	48.8
GE 10000	51.3	51.8	52.2	52.4	52.5	52.5	52.6	53.2	53.3	53.4	53.5	53.7	53.9	54.0	54.4	54.8
GE 9000	53.4	53.9	54.4	54.5	54.6	54.6	54.7	55.3	55.4	55.6	55.7	55.8	56.0	56.1	56.5	57.0
GE 8000	58.9	59.6	60.0	60.2	60.4	60.5	60.6	61.2	61.3	61.5	61.6	61.7	61.9	62.1	62.4	62.9
GE 7000	64.3	65.0	65.5	65.6	65.8	66.0	66.1	66.7	66.8	66.9	67.0	67.1	67.4	67.5	67.8	68.3
GE 6000	67.4	68.1	68.6	68.7	68.9	69.0	69.1	69.7	69.9	70.0	70.1	70.2	70.4	70.6	70.9	71.4
GE 5000	72.0	72.8	73.3	73.4	73.6	73.8	73.9	74.5	74.6	74.7	74.8	74.9	75.3	75.4	75.8	76.2
GE 4500	74.1	75.1	75.5	75.7	75.9	76.0	76.1	76.7	76.8	77.0	77.1	77.2	77.5	77.7	78.0	78.5
GE 4000	75.8	77.2	77.7	77.8	78.0	78.1	78.4	79.2	79.3	79.4	79.6	79.7	80.0	80.1	80.5	81.0
GE 3500	77.4	79.0	79.6	79.8	80.0	80.1	80.7	81.6	81.7	81.8	81.9	82.0	82.4	82.5	82.9	83.3
GE 3000	78.5	80.3	81.0	81.3	81.6	81.8	82.7	83.8	83.9	84.0	84.2	84.3	84.6	84.8	85.1	85.6
GE 2500	79.3	81.2	82.0	82.4	82.6	82.9	83.8	84.9	85.0	85.1	85.2	85.3	85.7	85.8	86.2	86.6
GE 2000	79.9	82.0	83.0	83.3	83.9	84.2	85.3	86.5	86.6	86.9	87.0	87.1	87.5	87.7	88.1	88.5
GE 1800	80.0	82.3	83.2	83.6	84.2	84.4	85.6	86.8	86.9	87.1	87.2	87.4	87.7	87.9	88.3	88.8
GE 1500	80.5	82.7	83.8	84.2	84.8	85.0	86.5	87.9	88.2	88.8	89.2	89.4	89.8	90.1	90.4	90.9
GE 1200	80.5	82.9	84.0	84.5	85.2	85.5	87.0	88.4	88.8	89.7	90.2	90.3	90.8	91.0	91.4	91.8
GE 1000	80.5	82.9	84.0	84.5	85.2	85.6	87.4	88.9	89.2	90.2	90.7	90.8	91.3	91.5	91.8	92.3
GE 900	80.5	82.9	84.0	84.5	85.2	85.6	87.4	88.9	89.2	90.2	90.7	90.8	91.5	91.7	92.1	92.6
GE 800	80.5	82.9	84.0	84.6	85.5	85.8	87.8	89.4	89.7	90.9	91.4	91.6	92.3	92.6	92.9	93.4
GE 700	80.5	83.1	84.3	84.9	85.8	86.2	88.4	90.0	90.3	91.5	92.1	92.3	93.0	93.3	93.6	94.1
GE 600	80.5	83.1	84.3	84.9	85.9	86.4	88.8	90.3	90.7	91.8	92.6	92.8	93.6	93.9	94.3	94.8
GE 500	80.5	83.2	84.5	85.2	86.5	87.0	89.5	91.1	91.5	92.8	93.5	93.7	94.7	94.9	95.4	95.9
GE 400	80.5	83.2	84.5	85.2	86.5	87.0	89.6	91.4	91.8	93.4	94.2	94.4	95.6	96.0	96.6	97.0
GE 300	80.5	83.3	84.6	85.3	86.6	87.1	89.8	91.7	92.2	93.9	94.8	95.2	96.7	97.0	97.8	98.2
GE 200	80.5	83.3	84.6	85.3	86.6	87.1	89.8	91.7	92.2	93.9	94.8	95.2	96.9	97.4	98.2	99.4
GE 100	80.5	83.3	84.6	85.3	86.6	87.1	89.8	91.7	92.2	93.9	94.8	95.2	97.0	97.5	98.5	100.0
GE 0	80.5	83.3	84.6	85.3	86.6	87.1	89.8	91.7	92.2	93.9	94.8	95.2	97.0	97.5	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 946

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 9/16	GE 1/4	GE 0
NO CEIL	41.3	42.4	42.6	42.9	43.0	43.0	43.1	43.3	43.3	43.4	43.5	43.5	43.5	43.5	43.5	43.5
GE 20000	42.8	44.0	44.1	44.4	44.6	44.6	44.7	44.8	44.8	44.9	45.0	45.0	45.0	45.0	45.0	45.0
GE 18000	44.9	46.1	46.2	46.6	46.7	46.7	46.8	46.9	46.9	47.0	47.2	47.2	47.2	47.2	47.2	47.2
GE 16000	45.6	46.8	46.9	47.3	47.4	47.4	47.5	47.6	47.6	47.8	47.9	47.9	47.9	47.9	47.9	47.9
GE 14000	47.6	48.9	49.1	49.4	49.5	49.5	49.6	49.8	49.8	49.9	50.0	50.0	50.0	50.0	50.0	50.0
GE 12000	52.0	53.4	53.8	54.1	54.3	54.3	54.4	54.5	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.8
GE 10000	56.6	58.0	58.4	58.7	58.9	58.9	59.0	59.1	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.5
GE 9000	58.4	59.8	60.2	60.5	60.6	60.6	60.8	60.9	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.2
GE 8000	64.4	66.3	66.7	67.1	67.4	67.4	67.5	67.7	67.7	67.8	68.0	68.0	68.0	68.0	68.0	68.1
GE 7000	68.8	70.7	71.0	71.5	71.7	71.7	71.9	72.1	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.5
GE 6000	72.6	74.5	74.8	75.3	75.5	75.5	75.7	75.9	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.2
GE 5000	77.9	80.3	80.6	81.1	81.3	81.3	81.6	82.0	82.0	82.2	82.3	82.3	82.3	82.3	82.5	82.6
GE 4500	79.8	81.2	81.6	82.2	82.4	82.5	82.7	83.2	83.2	83.3	83.5	83.5	83.5	83.5	83.7	83.8
GE 4000	82.2	84.6	85.0	85.6	85.8	86.0	86.3	86.6	86.8	86.9	87.0	87.0	87.0	87.0	87.2	87.4
GE 3500	82.9	85.5	85.8	86.4	86.9	87.1	87.4	87.6	87.8	87.9	88.1	88.1	88.1	88.1	88.3	88.4
GE 3000	84.0	86.6	87.1	87.8	88.4	88.7	88.9	89.6	89.6	89.7	89.8	89.8	89.8	89.8	90.1	90.2
GE 2500	84.2	86.8	87.5	88.2	88.9	89.2	89.5	90.2	90.2	90.4	90.5	90.5	90.5	90.5	90.8	90.9
GE 2000	84.6	87.5	88.3	89.0	89.7	90.2	90.5	91.5	91.7	92.0	92.1	92.1	92.1	92.1	92.3	92.4
GE 1800	84.6	87.5	88.3	89.0	89.7	90.2	90.5	91.5	91.7	92.0	92.1	92.1	92.1	92.1	92.3	92.4
GE 1600	85.2	88.5	89.4	90.1	91.0	91.5	92.2	93.4	93.6	94.1	94.2	94.2	94.3	94.3	94.6	94.7
GE 1200	85.3	88.7	89.6	90.3	91.6	92.1	92.8	94.2	94.4	94.9	95.0	95.0	95.2	95.2	95.4	95.5
GE 1000	85.3	88.7	89.6	90.3	91.7	92.2	93.3	94.7	95.0	95.6	95.9	95.9	96.0	96.0	96.2	96.3
GE 900	85.3	88.7	89.6	90.3	91.7	92.2	93.3	94.7	95.0	95.6	96.1	96.1	96.2	96.2	96.5	96.6
GE 800	85.3	88.7	89.6	90.3	91.7	92.2	93.4	94.8	95.2	95.7	96.2	96.2	96.3	96.3	96.6	96.7
GE 700	85.3	88.8	89.7	90.4	91.8	92.3	93.5	94.9	95.3	96.0	96.5	96.5	96.6	96.6	96.8	96.9
GE 600	85.3	88.8	89.7	90.4	91.8	92.4	93.6	95.0	95.4	96.1	96.6	96.6	96.7	96.7	96.9	97.0
GE 500	85.3	88.8	89.7	90.4	92.0	92.6	93.9	95.4	95.7	96.6	97.2	97.2	97.6	97.6	97.9	98.0
GE 400	85.3	88.8	89.7	90.4	92.0	92.6	93.9	95.4	95.7	96.6	97.2	97.2	97.6	97.6	97.9	98.0
GE 300	85.3	88.8	89.7	90.4	92.1	92.7	94.1	95.6	96.1	97.3	97.9	98.0	98.5	98.5	98.8	99.3
GE 200	85.3	88.8	89.7	90.4	92.1	92.7	94.1	95.7	96.2	97.4	98.0	98.1	98.7	98.7	99.2	100.0
GE 100	85.3	88.8	89.7	90.4	92.1	92.7	94.1	95.7	96.2	97.4	98.0	98.1	98.7	98.7	99.2	100.0
GE 0	85.3	88.8	89.7	90.4	92.1	92.7	94.1	95.7	96.2	97.4	98.0	98.1	98.7	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 946

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	39.8	40.1	40.3	40.3	40.3	40.3	40.4	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.7	40.7
GE 20000	42.2	43.6	43.9	43.9	43.9	43.9	44.0	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.2	44.2
GE 18000	45.9	47.3	47.5	47.5	47.5	47.5	47.6	47.6	47.6	47.8	47.8	47.8	47.8	47.8	47.9	47.9
GE 16000	46.5	47.9	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.5	48.5
GE 14000	49.6	51.1	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.7	51.7
GE 12000	53.0	54.4	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	55.0	55.0
GE 10000	57.8	59.3	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.9	59.9
GE 9000	60.9	62.4	62.6	62.6	62.6	62.6	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	63.0	63.0
GE 8000	66.7	68.3	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.9	69.0	69.0	69.0	69.0	69.1	69.1
GE 7000	72.0	73.6	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.2	74.3	74.3	74.3	74.3	74.5	74.5
GE 6000	74.6	76.2	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.8	77.0	77.0	77.0	77.0	77.1	77.1
GE 5000	79.4	81.6	81.8	81.8	82.2	82.2	82.3	82.3	82.3	82.5	82.6	82.6	82.6	82.6	82.7	82.7
GE 4500	80.6	82.7	83.0	83.0	83.3	83.3	83.6	83.6	83.6	83.8	83.9	83.9	83.9	83.9	84.0	84.0
GE 4000	82.9	85.5	85.7	85.8	86.3	86.3	86.5	86.5	86.5	86.8	87.1	87.1	87.2	87.2	87.4	87.4
GE 3500	83.8	86.4	86.8	86.9	87.5	87.5	87.9	88.4	88.4	88.7	89.0	89.0	89.1	89.1	89.2	89.2
GE 3000	84.9	87.6	88.1	88.3	89.0	89.0	89.5	90.2	90.4	90.7	91.1	91.1	91.3	91.3	91.4	91.4
GE 2500	85.6	88.3	88.9	89.1	90.1	90.1	90.5	91.3	91.5	91.7	92.2	92.2	92.3	92.3	92.4	92.4
GE 2200	85.9	88.7	89.5	89.7	90.7	90.8	91.3	92.2	92.4	92.7	93.1	93.1	93.3	93.3	93.4	93.4
GE 1800	86.1	88.8	89.6	89.8	90.9	91.0	91.5	92.4	92.7	92.9	93.4	93.4	93.5	93.5	93.6	93.6
GE 1500	86.1	88.9	89.7	90.2	91.3	91.4	91.8	92.8	93.0	93.6	94.2	94.2	94.4	94.4	94.6	94.6
GE 1200	86.3	89.1	90.0	90.4	91.5	91.6	92.3	93.4	93.7	94.4	95.2	95.2	95.4	95.4	95.5	95.5
GE 1000	86.5	89.4	90.4	90.9	92.1	92.2	93.0	94.4	94.9	95.6	96.3	96.3	96.7	96.7	96.8	96.8
GE 900	86.5	89.4	90.4	90.9	92.1	92.2	93.0	94.4	94.9	95.6	96.3	96.3	96.7	96.7	96.8	96.8
GE 800	86.5	89.6	90.7	91.1	92.3	92.4	93.3	94.7	95.2	95.9	96.6	96.6	96.9	96.9	97.0	97.0
GE 700	86.5	89.6	90.7	91.1	92.3	92.4	93.3	94.7	95.2	95.9	96.6	96.6	97.0	97.0	97.2	97.2
GE 600	86.5	89.7	90.9	91.4	92.7	92.8	93.6	95.0	95.5	96.2	96.9	96.9	97.4	97.4	97.5	97.5
GE 500	86.5	89.8	91.0	91.5	92.8	92.9	93.9	95.4	95.9	96.7	97.4	97.4	97.9	97.9	98.0	98.0
GE 400	86.5	89.8	91.4	91.8	93.1	93.3	94.2	95.7	96.2	97.0	97.8	97.8	98.2	98.2	98.3	98.3
GE 300	86.5	89.8	91.4	91.8	93.1	93.3	94.3	96.0	96.5	97.4	98.3	98.3	98.9	99.1	99.3	99.5
GE 200	86.5	89.8	91.5	92.0	93.3	93.4	94.4	96.1	96.6	97.5	98.5	98.5	99.3	99.4	99.6	100.0
GE 100	86.5	89.8	91.5	92.0	93.3	93.4	94.4	96.1	96.6	97.5	98.5	98.5	99.3	99.4	99.6	100.0
GE 0	86.5	89.8	91.5	92.0	93.3	93.4	94.4	96.1	96.6	97.5	98.5	98.5	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 3/4	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0
NO CEIL	37.8	38.3	38.3	38.5	38.7	38.8	39.0	39.0	39.0	39.0	39.0	39.1	39.2	39.6	40.0	40.5
GE 20000	39.6	40.2	40.2	40.4	40.5	40.7	40.9	40.9	40.9	40.9	40.9	41.0	41.1	41.5	41.8	42.6
GE 18000	43.4	44.1	44.1	44.3	44.4	44.6	44.8	44.8	44.8	44.8	44.8	44.9	45.0	45.4	45.7	46.5
GE 16000	44.3	45.0	45.0	45.3	45.4	45.5	45.7	45.7	45.7	45.7	45.7	45.9	46.0	46.3	46.7	47.4
GE 14000	45.9	46.7	46.7	46.9	47.0	47.2	47.4	47.4	47.4	47.4	47.4	47.5	47.6	48.0	48.3	49.1
GE 12000	49.8	50.6	50.6	50.8	50.9	51.1	51.3	51.3	51.3	51.3	51.3	51.4	51.5	51.9	52.2	53.0
GE 10000	56.1	57.1	57.1	57.3	57.4	57.6	57.8	57.8	57.8	57.8	57.8	57.9	58.0	58.4	58.7	59.5
GE 9000	59.6	60.5	60.5	60.8	60.9	61.0	61.2	61.2	61.2	61.2	61.2	61.3	61.5	61.8	62.2	63.0
GE 8000	64.4	65.4	65.4	65.6	65.7	65.8	66.1	66.1	66.1	66.1	66.1	66.2	66.3	66.7	67.0	67.7
GE 7000	70.0	70.9	70.9	71.2	71.3	71.4	71.6	71.6	71.6	71.6	71.6	71.7	71.9	72.2	72.6	73.3
GE 6000	72.3	73.3	73.3	73.6	73.8	74.0	74.2	74.2	74.2	74.2	74.2	74.3	74.5	74.8	75.2	75.9
GE 5000	76.2	77.5	77.7	78.0	78.1	78.4	78.6	78.6	78.6	78.6	78.6	78.7	78.8	79.2	79.6	80.3
GE 4500	78.0	79.3	79.4	79.6	79.9	80.1	80.4	80.4	80.4	80.4	80.4	80.5	80.6	81.0	81.3	82.0
GE 4000	81.1	83.0	83.1	83.6	83.9	84.2	84.4	84.4	84.4	84.4	84.4	84.5	84.8	85.1	85.5	86.2
GE 3500	81.7	83.7	84.4	85.1	85.6	85.9	86.3	86.4	86.4	86.4	86.4	86.5	86.9	87.2	87.6	88.3
GE 3000	83.0	85.3	86.2	87.0	87.5	87.8	88.2	88.3	88.3	88.4	88.8	88.9	89.2	89.6	90.0	90.7
GE 2500	83.5	86.4	87.2	88.1	88.5	89.0	89.4	89.5	89.5	89.6	90.0	90.1	90.4	90.8	91.1	91.8
GE 2200	84.0	87.2	88.2	89.0	89.5	90.0	90.3	90.4	90.4	90.5	90.9	91.0	91.4	91.7	92.1	92.8
GE 1800	84.1	87.2	88.2	89.0	89.5	90.0	90.3	90.4	90.4	90.5	90.9	91.0	91.4	91.7	92.1	92.8
GE 1500	84.2	87.6	88.7	89.8	90.3	90.8	91.3	91.4	91.4	91.5	91.8	92.0	92.3	92.7	93.0	93.7
GE 1200	84.2	87.6	88.7	89.8	90.4	91.0	91.5	91.6	91.6	92.0	92.4	92.6	92.9	93.3	93.6	94.3
GE 1000	84.2	87.6	88.7	89.8	90.4	91.1	91.7	92.0	92.0	92.3	93.0	93.1	93.5	93.9	94.2	94.9
GE 900	84.2	87.9	89.0	90.2	90.8	91.5	92.1	92.3	92.3	92.7	93.4	93.5	93.9	94.2	94.6	95.3
GE 800	84.2	88.3	89.4	90.5	91.1	91.8	92.4	92.7	92.7	93.1	93.9	94.0	94.3	94.7	95.0	95.7
GE 700	84.2	88.4	89.5	90.7	91.3	92.0	92.6	92.8	92.8	93.3	94.0	94.1	94.4	94.8	95.2	95.9
GE 600	84.4	88.9	90.0	91.1	91.7	92.4	93.0	93.3	93.3	93.7	94.4	94.6	95.0	95.4	95.7	96.5
GE 500	84.4	88.9	90.0	91.1	91.7	92.4	93.0	93.5	93.6	94.2	95.2	95.3	96.2	96.6	97.0	97.8
GE 400	84.4	88.9	90.0	91.3	92.1	92.8	93.4	93.9	94.0	94.9	95.9	96.0	96.9	97.3	97.8	98.5
GE 300	84.4	88.9	90.0	91.3	92.1	92.8	93.4	94.0	94.2	95.2	96.1	96.2	97.3	97.8	98.6	99.3
GE 200	84.4	88.9	90.0	91.3	92.1	92.8	93.4	94.0	94.2	95.2	96.2	96.3	97.8	98.2	99.1	100.0
GE 100	84.4	88.9	90.0	91.3	92.1	92.8	93.4	94.0	94.2	95.2	96.2	96.3	97.8	98.2	99.1	100.0
GE 0	84.4	88.9	90.0	91.3	92.1	92.8	93.4	94.0	94.2	95.2	96.2	96.3	97.8	98.2	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	42.7	43.7	44.0	44.0	44.2	44.2	44.3	44.3	44.3	44.6	44.7	44.7	44.7	44.8	44.9	45.3
GE 20000	43.1	44.4	44.7	44.7	44.9	44.9	45.0	45.0	45.0	45.3	45.4	45.4	45.4	45.5	45.6	46.1
GE 18000	45.7	47.0	47.3	47.3	47.5	47.5	47.6	47.6	47.6	47.9	48.0	48.0	48.0	48.1	48.2	48.7
GE 16000	46.0	47.3	47.5	47.5	47.8	47.8	47.9	47.9	47.9	48.1	48.2	48.2	48.2	48.3	48.5	48.9
GE 14000	47.0	48.3	48.6	48.6	48.8	48.8	48.9	48.9	48.9	49.2	49.3	49.3	49.3	49.4	49.5	50.0
GE 12000	49.6	50.9	51.2	51.2	51.4	51.4	51.5	51.5	51.5	51.8	51.9	51.9	51.9	52.0	52.1	52.6
GE 10000	55.4	57.1	57.4	57.4	57.7	57.7	57.8	57.8	57.8	58.0	58.2	58.2	58.3	58.4	58.5	59.0
GE 9000	58.5	60.2	60.5	60.5	60.8	60.8	60.9	61.0	61.0	61.2	61.3	61.3	61.5	61.6	61.7	62.2
GE 8000	63.4	65.4	65.7	65.7	66.0	66.0	66.2	66.3	66.3	66.5	66.7	66.7	66.8	66.9	67.0	67.5
GE 7000	66.8	68.8	69.1	69.1	69.4	69.4	69.6	69.7	69.7	70.0	70.1	70.1	70.2	70.3	70.4	70.9
GE 6000	70.9	72.9	73.3	73.3	73.6	73.6	73.9	74.0	74.0	74.2	74.3	74.3	74.5	74.6	74.7	75.2
GE 5000	74.5	76.7	77.1	77.2	77.7	77.7	77.9	78.0	78.0	78.3	78.4	78.4	78.5	78.6	78.7	79.2
GE 4500	75.7	78.3	78.8	79.0	79.4	79.4	79.7	79.8	79.8	80.0	80.1	80.1	80.3	80.4	80.5	81.0
GE 4000	79.3	82.9	83.6	83.7	84.2	84.2	84.4	84.5	84.5	84.8	84.9	84.9	85.1	85.2	85.3	85.8
GE 3500	80.3	84.0	84.8	84.9	85.7	85.7	85.9	86.1	86.1	86.3	86.4	86.4	86.6	86.8	86.9	87.4
GE 3000	81.7	85.7	86.4	86.5	87.4	87.4	87.6	87.9	87.9	88.2	88.4	88.4	88.7	88.8	88.9	89.4
GE 2500	82.9	87.6	88.4	88.5	89.5	89.5	89.7	90.1	90.1	90.3	90.5	90.5	90.8	90.9	91.0	91.5
GE 2000	83.2	88.3	89.5	89.7	90.8	90.8	91.0	91.6	91.6	91.8	92.1	92.1	92.4	92.6	92.7	93.1
GE 1800	83.2	88.4	89.6	89.8	90.9	90.9	91.3	92.0	92.0	92.2	92.4	92.4	92.8	92.9	93.0	93.5
GE 1500	83.3	88.9	90.1	90.4	91.7	91.7	92.1	92.8	92.8	93.0	93.3	93.3	93.6	93.7	93.9	94.3
GE 1200	83.7	89.2	90.4	90.8	92.1	92.1	92.4	93.1	93.1	93.5	93.9	93.9	94.2	94.3	94.4	94.9
GE 1000	83.9	90.0	91.1	91.5	92.9	92.9	93.4	94.1	94.1	94.6	95.2	95.2	95.5	95.6	95.7	96.2
GE 900	83.9	90.2	91.4	91.7	93.1	93.1	93.6	94.3	94.3	94.8	95.4	95.4	95.7	95.9	96.0	96.5
GE 800	83.9	90.2	91.4	91.7	93.1	93.1	93.6	94.3	94.3	94.8	95.4	95.4	95.7	95.9	96.0	96.5
GE 700	83.9	90.2	91.4	91.7	93.1	93.1	93.6	94.3	94.3	94.9	95.5	95.5	95.9	96.0	96.1	96.6
GE 600	84.2	90.4	91.6	92.0	93.4	93.4	93.9	94.6	94.6	95.2	95.7	95.7	96.1	96.2	96.3	96.8
GE 500	84.2	90.5	91.7	92.1	93.5	93.5	94.2	94.9	94.9	95.5	96.1	96.1	96.5	96.6	96.7	97.2
GE 400	84.2	90.5	91.8	92.2	93.6	93.6	94.7	96.0	96.0	96.6	97.2	97.2	97.6	97.8	98.1	98.6
GE 300	84.2	90.5	91.8	92.2	93.6	93.6	94.8	96.1	96.1	97.0	97.8	97.8	98.2	98.3	98.8	99.3
GE 200	84.2	90.5	91.8	92.2	93.6	93.6	94.8	96.1	96.1	97.2	97.9	97.9	98.6	98.7	99.3	99.9
GE 100	84.2	90.5	91.8	92.2	93.6	93.6	94.8	96.1	96.1	97.2	97.9	97.9	98.6	98.7	99.3	100.0
GE 0	84.2	90.5	91.8	92.2	93.6	93.6	94.8	96.1	96.1	97.2	97.9	97.9	98.6	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	40.4	41.4	41.6	41.7	41.9	41.9	42.0	42.2	42.2	42.4	42.4	42.5	42.6	42.7	43.0	43.4
GE 20000	41.8	43.0	43.2	43.3	43.5	43.5	43.6	43.8	43.8	44.0	44.0	44.1	44.2	44.3	44.5	45.0
GE 18000	44.2	45.3	45.6	45.7	45.8	45.8	45.9	46.1	46.1	46.3	46.4	46.5	46.6	46.6	46.9	47.4
GE 16000	44.5	45.7	45.9	46.0	46.2	46.2	46.3	46.5	46.5	46.7	46.7	46.8	46.9	47.0	47.3	47.7
GE 14000	46.1	47.3	47.6	47.7	47.8	47.8	47.9	48.1	48.1	48.3	48.4	48.4	48.6	48.6	48.9	49.3
GE 12000	48.9	50.1	50.4	50.5	50.7	50.7	50.8	51.0	51.0	51.2	51.2	51.3	51.4	51.5	51.8	52.2
GE 10000	54.1	55.5	55.8	55.9	56.0	56.1	56.1	56.3	56.3	56.5	56.6	56.7	56.8	56.9	57.1	57.6
GE 9000	56.6	58.1	58.3	58.5	58.6	58.6	58.7	58.9	58.9	59.1	59.2	59.3	59.4	59.5	59.8	60.2
GE 8000	62.0	63.7	64.0	64.1	64.3	64.3	64.4	64.6	64.7	64.9	65.0	65.0	65.1	65.2	65.5	66.0
GE 7000	66.8	68.4	68.7	68.8	69.1	69.1	69.2	69.4	69.4	69.6	69.7	69.8	69.9	70.0	70.3	70.7
GE 6000	69.8	71.4	71.7	71.9	72.1	72.1	72.3	72.5	72.5	72.7	72.8	72.8	73.0	73.0	73.3	73.8
GE 5000	74.2	76.0	76.4	76.6	76.9	76.9	77.1	77.3	77.3	77.5	77.6	77.7	77.8	77.9	78.2	78.7
GE 4500	75.8	77.7	78.1	78.3	78.6	78.7	78.8	79.1	79.1	79.3	79.4	79.4	79.6	79.7	80.0	80.4
GE 4000	78.5	81.0	81.4	81.6	82.0	82.1	82.3	82.5	82.5	82.7	82.9	82.9	83.1	83.2	83.5	84.0
GE 3500	79.4	82.2	82.8	83.1	83.6	83.7	83.9	84.3	84.3	84.5	84.6	84.7	84.9	85.0	85.3	85.7
GE 3000	80.9	84.0	84.6	85.0	85.6	85.8	86.0	86.5	86.6	86.8	87.0	87.0	87.2	87.3	87.6	88.1
GE 2500	81.6	85.0	85.9	86.3	87.0	87.2	87.5	88.0	88.0	88.3	88.5	88.5	88.7	88.8	89.1	89.6
GE 2200	82.1	85.8	86.8	87.2	88.0	88.2	88.5	89.1	89.2	89.5	89.7	89.7	90.0	90.1	90.4	90.9
GE 1800	82.2	85.9	86.9	87.4	88.2	88.4	88.7	89.3	89.4	89.7	89.9	89.9	90.2	90.3	90.6	91.0
GE 1500	82.4	86.3	87.4	88.0	88.9	89.1	89.6	90.3	90.4	90.8	91.0	91.1	91.4	91.5	91.8	92.3
GE 1200	82.5	86.5	87.6	88.2	89.2	89.5	90.0	90.8	90.9	91.4	91.7	91.8	92.1	92.2	92.6	93.0
GE 1000	82.6	86.8	87.9	88.5	89.7	90.0	90.8	91.7	91.9	92.4	92.8	92.9	93.3	93.4	93.7	94.2
GE 900	82.6	86.9	88.1	88.7	89.9	90.2	90.9	91.8	92.0	92.6	93.1	93.2	93.5	93.6	94.0	94.4
GE 800	82.6	87.0	88.2	88.9	90.1	90.4	91.2	92.2	92.4	93.0	93.5	93.6	94.0	94.1	94.4	94.9
GE 700	82.7	87.1	88.4	89.0	90.3	90.6	91.4	92.5	92.7	93.4	94.0	94.1	94.5	94.6	94.9	95.4
GE 600	82.8	87.3	88.6	89.2	90.5	90.9	91.7	92.8	93.0	93.6	94.4	94.5	95.0	95.1	95.4	95.9
GE 500	82.8	87.5	88.8	89.4	90.8	91.1	92.1	93.2	93.5	94.3	95.0	95.2	95.7	95.8	96.2	96.7
GE 400	82.9	87.6	89.0	89.7	91.1	91.5	92.5	93.8	94.1	95.0	95.7	95.8	96.5	96.7	97.1	97.7
GE 300	82.9	87.6	89.1	89.8	91.3	91.6	92.7	94.1	94.5	95.5	96.4	96.6	97.4	97.6	98.2	98.8
GE 200	82.9	87.6	89.1	89.8	91.3	91.7	92.8	94.2	94.6	95.6	96.6	96.8	97.8	98.0	98.7	99.2
GE 100	82.9	87.6	89.1	89.8	91.3	91.7	92.8	94.3	94.6	95.7	96.6	96.8	97.9	98.1	98.6	99.4
GE 0	82.9	87.6	89.1	89.8	91.3	91.7	92.8	94.3	94.6	95.7	96.6	96.8	97.9	98.1	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	47.0	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 20000	49.3	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 18000	50.2	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.0
GE 16000	50.9	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3
GE 14000	51.1	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8
GE 12000	53.3	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.1	54.1	54.1	54.1
GE 10000	57.0	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.8	57.8	57.8	57.8
GE 9000	59.4	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.2	60.2	60.2	60.2
GE 8000	65.6	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.5	66.5	66.5	66.5
GE 7000	72.3	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.1	73.1	73.1	73.1
GE 6000	74.8	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.7	75.7	75.7	75.7
GE 5000	80.6	81.4	81.4	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.8	81.8	81.8	81.8
GE 4500	83.7	84.4	84.4	84.4	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8
GE 4000	88.2	89.2	89.2	89.2	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.7	89.7	89.7	89.7
GE 3500	89.0	90.3	90.3	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.8	90.8	90.8	90.8
GE 3000	90.8	92.3	92.4	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.8	92.8	92.8	92.8
GE 2500	91.3	92.9	93.0	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.4	93.4	93.4	93.4
GE 2000	91.5	93.5	93.8	93.9	94.0	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.5	94.5	94.5	94.5
GE 1800	91.6	93.7	93.9	94.0	94.1	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.7	94.7	94.7	94.7
GE 1500	92.0	94.6	94.8	94.9	95.3	95.4	95.5	96.0	96.0	96.0	96.0	96.0	96.2	96.2	96.2	96.2
GE 1200	92.5	95.1	95.3	95.4	95.8	95.9	96.0	96.6	96.6	96.7	96.7	96.7	96.9	96.9	96.9	96.9
GE 1000	92.6	95.4	95.7	95.8	96.2	96.3	96.5	97.0	97.0	97.1	97.2	97.2	97.4	97.4	97.4	97.4
GE 900	92.6	95.4	95.7	95.8	96.2	96.3	96.5	97.0	97.0	97.1	97.2	97.2	97.4	97.4	97.4	97.4
GE 800	92.7	95.5	95.8	95.9	96.3	96.5	96.6	97.2	97.2	97.3	97.5	97.5	97.7	97.7	97.7	97.7
GE 700	92.7	96.0	96.5	96.6	97.1	97.2	97.3	98.1	98.1	98.2	98.4	98.4	98.6	98.6	98.6	98.6
GE 600	92.7	96.0	96.5	96.6	97.1	97.2	97.3	98.1	98.1	98.2	98.7	98.7	98.9	98.9	98.9	98.9
GE 500	92.7	96.0	96.7	96.8	97.3	97.4	97.6	98.4	98.4	98.5	99.1	99.2	99.6	99.6	99.6	99.6
GE 400	92.7	96.0	96.7	96.8	97.3	97.4	97.6	98.4	98.4	98.6	99.2	99.4	99.7	99.7	99.7	99.7
GE 300	92.7	96.0	96.7	96.8	97.3	97.4	97.6	98.4	98.4	98.6	99.2	99.4	99.7	99.7	99.8	99.8
GE 200	92.7	96.1	96.8	96.9	97.4	97.5	97.7	98.5	98.5	98.7	99.4	99.5	99.8	99.8	99.9	99.9
GE 100	92.7	96.1	96.8	96.9	97.4	97.5	97.7	98.5	98.5	98.7	99.4	99.5	99.8	99.8	99.9	100.0
GE 0	92.7	96.1	96.8	96.9	97.4	97.5	97.7	98.5	98.5	98.7	99.4	99.5	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	46.1	46.8	46.8	46.9	46.9	46.9	46.9	47.0	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1
GE 20000	47.1	47.7	47.7	47.8	47.8	47.8	47.8	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1
GE 18000	48.7	49.4	49.4	49.5	49.5	49.5	49.5	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7
GE 16000	48.9	49.6	49.6	49.7	49.7	49.7	49.7	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9
GE 14000	49.5	50.1	50.1	50.2	50.2	50.2	50.2	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4
GE 12000	51.3	51.9	51.9	52.0	52.0	52.0	52.0	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3
GE 10000	56.3	57.0	57.0	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3
GE 9000	59.2	59.9	59.9	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2
GE 8000	64.7	65.4	65.4	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7
GE 7000	69.8	70.4	70.4	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.8	70.8	70.8	70.8	70.9	70.9
GE 6000	72.5	73.1	73.1	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.5	73.5
GE 5000	78.0	78.7	78.7	78.8	78.8	78.8	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.1	79.1
GE 4500	81.7	82.7	82.7	82.8	82.8	82.8	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.1	83.1
GE 4000	85.7	86.8	86.8	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.2	87.2
GE 3500	87.8	89.4	89.4	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.8	89.8
GE 3000	90.6	92.3	92.3	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.7	92.7
GE 2500	91.1	92.7	92.7	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.2	93.2
GE 2000	91.8	94.1	94.2	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.8	94.8
GE 1800	91.8	94.2	94.4	94.6	94.8	94.8	94.9	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.4	95.4
GE 1500	92.0	94.7	95.1	95.4	95.6	95.6	95.7	95.9	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.1
GE 1200	92.0	95.1	95.4	95.7	95.9	95.9	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.5	96.5
GE 1000	92.0	95.2	95.5	95.8	96.0	96.0	96.2	96.5	96.5	96.8	96.9	96.9	96.9	96.9	97.0	97.0
GE 900	92.0	95.3	95.6	95.9	96.1	96.1	96.3	96.6	96.6	96.9	97.0	97.0	97.0	97.0	97.1	97.1
GE 800	92.0	95.3	95.6	96.0	96.2	96.2	96.5	96.7	96.7	97.0	97.1	97.1	97.1	97.1	97.2	97.2
GE 700	92.0	95.5	95.8	96.2	96.5	96.5	96.7	96.9	96.9	97.2	97.3	97.3	97.3	97.3	97.4	97.4
GE 600	92.0	95.6	95.9	96.3	96.6	96.6	96.8	97.0	97.0	97.3	97.7	97.7	97.7	97.7	97.8	97.8
GE 500	92.0	95.8	96.2	96.7	96.9	96.9	97.1	97.3	97.3	97.6	98.3	98.4	98.4	98.4	98.6	98.6
GE 400	92.0	95.9	96.6	97.0	97.3	97.3	97.7	98.1	98.1	98.4	99.0	99.1	99.2	99.2	99.6	99.6
GE 300	92.0	95.9	96.7	97.1	97.4	97.4	97.8	98.2	98.2	98.5	99.1	99.2	99.4	99.4	99.7	99.7
GE 200	92.0	95.9	96.7	97.1	97.4	97.4	97.8	98.2	98.2	98.5	99.1	99.2	99.5	99.5	99.8	99.8
GE 100	92.0	95.9	96.7	97.1	97.4	97.4	97.8	98.2	98.2	98.5	99.1	99.2	99.5	99.5	99.9	100.0
GE 0	92.0	95.9	96.7	97.1	97.4	97.4	97.8	98.2	98.2	98.5	99.1	99.2	99.5	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	41.6	41.9	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.4	42.4	42.5	42.5	42.5	42.6
GE 20000	43.2	43.5	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	44.0	44.0	44.1	44.1	44.1	44.2
GE 18000	44.2	44.5	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.9	44.9	45.1	45.1	45.1	45.2
GE 16000	44.9	45.3	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.7	45.7	45.8	45.8	45.8	45.9
GE 14000	45.7	46.0	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.5	46.5	46.6	46.6	46.6	46.7
GE 12000	47.8	48.2	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.6	48.6	48.7	48.7	48.7	48.8
GE 10000	53.9	54.2	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.6	54.6	54.7	54.7	54.7	54.8
GE 9000	55.9	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.7	56.7	56.8	56.8	56.8	56.9
GE 8000	63.1	63.4	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	64.0	64.0	64.2	64.2	64.2	64.3
GE 7000	68.2	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.0	69.0	69.2	69.2	69.2	69.4
GE 6000	71.5	71.8	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.5	72.5	72.7	72.7	72.7	72.8
GE 5000	79.0	79.4	79.5	79.6	79.7	79.7	79.7	79.7	79.7	79.7	80.1	80.1	80.3	80.3	80.3	80.5
GE 4500	82.7	83.3	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7	84.1	84.1	84.3	84.3	84.3	84.5
GE 4000	86.3	87.0	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.8	87.8	88.1	88.1	88.1	88.3
GE 3500	88.5	89.2	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.7	90.1	90.1	90.3	90.3	90.3	90.5
GE 3000	90.4	91.4	91.5	91.7	92.2	92.3	92.4	92.4	92.4	92.4	92.8	92.8	93.0	93.0	93.0	93.2
GE 2500	90.5	91.6	91.7	91.9	92.5	92.6	92.8	92.8	92.8	92.8	93.2	93.2	93.4	93.4	93.4	93.7
GE 2000	90.8	91.9	92.3	92.5	93.0	93.1	93.3	93.4	93.4	93.4	93.9	93.9	94.1	94.1	94.1	94.3
GE 1800	91.0	92.2	92.5	92.7	93.3	93.4	93.9	94.0	94.0	94.0	94.4	94.4	94.6	94.6	94.6	94.8
GE 1500	91.4	93.2	93.7	93.9	94.5	94.6	95.1	95.4	95.4	95.6	96.0	96.0	96.2	96.2	96.2	96.5
GE 1200	91.5	93.3	93.8	94.0	94.6	94.7	95.2	95.5	95.5	95.7	96.1	96.1	96.3	96.3	96.3	96.6
GE 1000	91.5	93.3	93.9	94.2	94.8	94.9	95.4	95.7	95.7	96.0	96.5	96.5	96.7	96.7	96.7	96.9
GE 900	91.5	93.3	93.9	94.2	94.8	94.9	95.4	95.7	95.7	96.0	96.5	96.5	96.8	96.8	96.8	97.0
GE 800	91.6	93.4	94.0	94.3	94.9	95.1	95.5	95.8	95.8	96.1	96.8	96.8	97.1	97.1	97.1	97.3
GE 700	91.6	93.5	94.1	94.4	95.1	95.2	95.6	95.9	95.9	96.2	96.9	96.9	97.2	97.2	97.2	97.4
GE 600	91.6	93.8	94.3	94.6	95.3	95.4	95.8	96.1	96.1	96.6	97.3	97.3	97.6	97.6	97.6	97.8
GE 500	91.6	93.9	94.5	94.9	95.7	95.8	96.2	96.7	96.7	97.1	98.0	98.0	98.3	98.3	98.3	98.5
GE 400	91.6	93.9	94.9	95.4	96.3	96.5	97.0	97.7	97.7	98.4	99.2	99.2	99.6	99.6	99.6	99.8
GE 300	91.6	93.9	94.9	95.4	96.3	96.5	97.0	97.7	97.7	98.4	99.4	99.5	99.8	99.8	99.8	100.0
GE 200	91.6	93.9	94.9	95.4	96.3	96.5	97.0	97.7	97.7	98.4	99.4	99.5	99.8	99.8	99.8	100.0
GE 100	91.6	93.9	94.9	95.4	96.3	96.5	97.0	97.7	97.7	98.4	99.4	99.5	99.8	99.8	99.8	100.0
GE 0	91.6	93.9	94.9	95.4	96.3	96.5	97.0	97.7	97.7	98.4	99.4	99.5	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	42.8	43.1	43.1	43.1	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 20000	45.6	45.9	45.9	45.9	45.9	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 18000	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 16000	49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 14000	50.3	50.6	50.6	50.6	50.6	50.6	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 12000	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 10000	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.5	58.6
GE 9000	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.2	62.3
GE 8000	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.9	71.0
GE 7000	73.5	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.2	74.3
GE 6000	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.9	77.0
GE 5000	82.4	82.9	83.0	83.0	83.0	83.0	83.0	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.4	83.5
GE 4000	84.3	85.2	85.3	85.4	85.4	85.4	85.4	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.8	85.9
GE 3500	87.8	89.1	89.2	89.4	89.5	89.5	89.5	89.7	89.9	90.0	90.1	90.1	90.1	90.1	90.2	90.3
GE 3000	89.1	90.5	90.6	90.8	90.9	90.9	90.9	91.1	91.3	91.4	91.5	91.5	91.5	91.5	91.6	91.7
GE 2500	89.6	91.1	91.2	91.3	91.4	91.4	91.4	91.6	91.8	91.9	92.0	92.0	92.0	92.0	92.2	92.3
GE 2000	90.1	91.8	92.0	92.2	92.4	92.4	92.5	92.7	92.9	93.0	93.1	93.1	93.1	93.1	93.2	93.3
GE 1800	90.3	92.2	92.4	92.6	92.9	92.9	93.4	93.8	94.0	94.4	94.5	94.5	94.5	94.5	94.6	94.7
GE 1500	90.3	92.2	92.4	92.6	92.9	92.9	93.4	93.8	94.1	94.6	94.7	94.7	94.7	94.7	94.8	94.9
GE 1200	90.3	92.4	92.7	92.9	93.3	93.3	94.1	94.7	95.1	95.6	95.7	95.8	95.8	95.8	95.9	96.0
GE 1000	90.3	92.4	92.7	93.0	93.4	93.4	94.2	94.8	95.2	95.7	95.8	95.9	95.9	95.9	96.0	96.1
GE 1000	90.4	92.6	92.9	93.2	93.7	93.7	94.4	95.2	95.6	96.1	96.2	96.3	96.3	96.3	96.5	96.6
GE 900	90.4	92.6	92.9	93.2	93.8	93.8	94.5	95.3	95.9	96.5	96.7	96.8	96.8	96.8	96.9	97.0
GE 800	90.4	92.6	92.9	93.2	93.8	93.8	94.5	95.3	95.9	96.5	97.0	97.1	97.1	97.1	97.2	97.3
GE 700	90.5	92.8	93.1	93.4	94.0	94.0	94.7	95.5	96.1	96.7	97.3	97.5	97.5	97.5	97.6	97.7
GE 600	90.5	92.8	93.1	93.4	94.1	94.1	94.9	95.7	96.3	96.9	97.6	98.0	98.0	98.0	98.1	98.2
GE 500	90.5	92.8	93.2	93.5	94.2	94.2	95.1	95.9	96.7	97.2	98.2	98.5	98.5	98.5	98.6	98.7
GE 400	90.5	92.8	93.3	93.7	94.4	94.5	95.5	96.6	97.3	97.8	98.8	99.1	99.1	99.1	99.2	99.4
GE 300	90.5	92.9	93.4	93.8	94.5	94.6	95.7	97.0	97.7	98.3	99.2	99.7	99.7	99.7	99.8	99.9
GE 200	90.5	92.9	93.4	93.8	94.5	94.6	95.7	97.0	97.7	98.3	99.2	99.8	99.8	99.8	99.9	100.0
GE 100	90.5	92.9	93.4	93.8	94.5	94.6	95.7	97.0	97.7	98.3	99.2	99.8	99.8	99.8	99.9	100.0
GE 0	90.5	92.9	93.4	93.8	94.5	94.6	95.7	97.0	97.7	98.3	99.2	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 20000	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 18000	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 16000	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 14000	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 12000	54.6	54.7	54.7	54.7	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 10000	59.6	59.7	59.7	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 9000	63.4	63.5	63.5	63.5	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 8000	72.5	72.6	72.6	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 7000	76.9	77.2	77.2	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 6000	79.5	79.8	79.8	79.8	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 5000	85.9	86.5	86.5	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 4500	89.4	89.9	89.9	89.9	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 4000	90.9	91.4	91.4	91.4	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 3500	91.5	92.5	92.6	92.6	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 3000	92.5	93.8	93.9	93.9	94.0	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 2500	92.7	94.2	94.3	94.3	94.4	94.5	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1
GE 2000	93.0	94.5	94.6	94.7	94.8	94.9	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
GE 1800	93.0	94.5	94.6	94.7	94.8	94.9	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
GE 1500	93.1	94.9	95.1	95.2	95.5	95.7	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 1200	93.1	95.1	95.2	95.3	95.6	95.8	96.7	96.8	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2
GE 1000	93.1	95.2	95.3	95.5	95.8	96.0	96.9	97.0	97.0	97.4	97.5	97.5	97.5	97.5	97.5	97.5
GE 900	93.1	95.2	95.3	95.5	95.8	96.1	97.0	97.1	97.1	97.5	97.6	97.6	97.6	97.6	97.6	97.6
GE 800	93.1	95.2	95.3	95.5	95.9	96.2	97.2	97.3	97.3	98.1	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	93.2	95.3	95.4	95.6	96.0	96.3	97.4	97.5	97.5	98.3	98.5	98.5	98.5	98.5	98.5	98.5
GE 600	93.2	95.3	95.4	95.6	96.0	96.3	97.4	97.5	97.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	93.2	95.3	95.5	95.7	96.1	96.5	97.6	97.7	97.7	98.8	99.0	99.1	99.1	99.1	99.1	99.1
GE 400	93.2	95.3	95.5	95.7	96.1	96.5	97.7	98.0	98.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6
GE 300	93.2	95.3	95.5	95.7	96.1	96.5	97.7	98.3	98.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9
GE 200	93.2	95.3	95.5	95.7	96.1	96.5	97.7	98.3	98.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	93.2	95.3	95.5	95.7	96.1	96.5	97.7	98.3	98.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 0	93.2	95.3	95.5	95.7	96.1	96.5	97.7	98.3	98.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0
NO CEIL	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 20000	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 18000	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 16000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 14000	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 12000	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 10000	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 9000	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 8000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 7000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 6000	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 5000	86.9	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 4500	89.5	90.0	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 4000	91.3	92.2	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 3500	93.2	94.2	94.5	94.6	94.7	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 3000	93.7	94.9	95.3	95.5	95.6	95.6	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2500	93.7	95.1	95.4	95.6	95.7	95.7	95.8	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2200	93.9	95.5	95.8	96.0	96.1	96.1	96.3	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1800	93.9	95.5	95.8	96.0	96.1	96.1	96.3	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1500	94.2	95.9	96.3	96.6	96.8	96.9	97.1	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1200	94.3	96.2	96.7	96.9	97.1	97.2	97.4	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	94.4	96.3	96.8	97.0	97.2	97.3	97.5	98.0	98.1	98.4	99.4	98.4	98.4	98.4	98.4	98.4
GE 900	94.4	96.5	96.9	97.1	97.3	97.5	97.7	98.3	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 800	94.4	96.5	97.0	97.2	97.4	97.6	97.8	98.4	98.5	98.8	99.1	99.1	99.2	99.2	99.2	99.2
GE 700	94.4	96.5	97.0	97.2	97.4	97.6	97.8	98.4	98.5	98.8	99.1	99.1	99.2	99.2	99.2	99.2
GE 600	94.4	96.5	97.0	97.2	97.4	97.6	97.8	98.4	98.7	99.0	99.4	99.4	99.5	99.5	99.5	99.5
GE 500	94.4	96.5	97.0	97.2	97.4	97.6	97.8	98.4	98.7	99.0	99.4	99.4	99.5	99.5	99.5	99.5
GE 400	94.4	96.5	97.0	97.2	97.4	97.6	97.8	98.4	98.7	99.0	99.4	99.4	99.5	99.5	99.5	99.5
GE 300	94.4	96.5	97.0	97.2	97.4	97.6	97.8	98.6	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7
GE 200	94.4	96.5	97.0	97.2	97.4	97.6	97.8	98.6	98.9	99.2	99.6	99.7	100.0	100.0	100.0	100.0
GE 100	94.4	96.5	97.0	97.2	97.4	97.6	97.8	98.6	98.9	99.2	99.6	99.7	100.0	100.0	100.0	100.0
GE 0	94.4	96.5	97.0	97.2	97.4	97.6	97.8	98.6	98.9	99.2	99.6	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
LSAFE,AC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 9/16	GE 1/4	GE 0
NO CEIL	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 20000	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 18000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 16000	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 14000	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 12000	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 10000	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 9000	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 8000	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 7000	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 6000	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 5000	86.5	86.5	86.5	86.5	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 4500	88.1	88.6	88.6	88.7	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 4000	90.3	91.2	91.3	91.4	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 3500	92.3	93.1	93.2	93.3	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 3000	93.3	94.5	94.6	94.7	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2500	93.7	95.1	95.4	95.5	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2000	94.0	95.4	95.9	96.1	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1800	94.1	95.5	96.0	96.2	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1500	94.2	95.7	96.2	96.5	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1200	94.3	95.8	96.3	96.6	97.2	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	94.4	95.9	96.7	96.9	97.5	97.7	97.7	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	94.4	95.9	96.7	96.9	97.5	97.7	97.7	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	94.4	95.9	96.7	96.9	97.5	97.7	97.7	98.0	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.4
GE 700	94.4	95.9	96.8	97.0	97.7	98.0	98.0	98.2	98.4	98.4	98.6	98.6	98.7	98.8	98.8	98.8
GE 600	94.4	95.9	96.8	97.0	97.7	98.0	98.0	98.3	98.5	98.5	99.0	99.0	99.1	99.2	99.2	99.2
GE 500	94.4	95.9	96.9	97.1	97.8	98.1	98.1	98.5	98.7	98.7	99.2	99.2	99.4	99.5	99.5	99.5
GE 400	94.4	95.9	96.9	97.1	97.8	98.1	98.1	98.6	98.8	98.8	99.4	99.4	99.5	99.6	99.6	99.6
GE 300	94.4	95.9	96.9	97.1	97.8	98.1	98.1	98.6	98.8	98.8	99.4	99.4	99.6	99.7	99.7	99.7
GE 200	94.4	95.9	96.9	97.1	97.8	98.1	98.1	98.6	98.8	98.8	99.5	99.7	99.9	100.0	100.0	100.0
GE 100	94.4	95.9	96.9	97.1	97.8	98.1	98.1	98.6	98.8	98.8	99.5	99.7	99.9	100.0	100.0	100.0
GE 0	94.4	95.9	96.9	97.1	97.8	98.1	98.1	98.6	98.8	98.8	99.5	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0
NO CEIL	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 20000	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 18000	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 16000	47.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 14000	47.7	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 12000	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 10000	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 9000	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 8000	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 7000	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 6000	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 5000	84.1	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 4500	86.0	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 4000	88.3	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 3500	89.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 3000	90.5	91.6	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 2500	91.0	92.0	92.4	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 2000	91.7	93.2	93.8	94.0	94.3	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1800	91.8	93.3	93.9	94.1	94.4	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1500	92.2	93.7	94.2	94.4	94.9	95.1	95.1	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1200	92.2	93.8	94.3	94.5	95.1	95.2	95.2	95.3	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7
GE 1000	92.5	94.2	95.1	95.3	95.8	95.9	95.9	96.0	96.0	96.3	96.5	96.6	96.6	96.6	96.6	96.6
GE 900	92.5	94.3	95.2	95.5	96.0	96.1	96.2	96.3	96.3	96.7	96.8	96.9	96.9	96.9	96.9	96.9
GE 800	92.5	94.5	95.4	95.7	96.2	96.3	96.5	96.6	96.6	96.9	97.0	97.1	97.1	97.1	97.1	97.1
GE 700	92.5	94.7	95.7	96.0	96.6	96.7	96.8	96.9	96.9	97.2	97.4	97.5	97.5	97.5	97.5	97.5
GE 600	92.6	94.8	95.8	96.1	96.8	96.9	97.1	97.3	97.3	97.6	98.3	98.5	98.5	98.5	98.5	98.5
GE 500	92.6	94.8	96.1	96.5	97.1	97.2	97.4	97.6	97.6	98.0	98.6	98.8	98.8	98.8	98.8	98.8
GE 400	92.6	94.8	96.1	96.5	97.1	97.2	97.6	98.1	98.2	98.7	99.5	99.8	99.9	99.9	99.9	99.9
GE 300	92.6	94.8	96.1	96.5	97.1	97.3	97.7	98.2	98.3	98.8	99.6	99.9	100.0	100.0	100.0	100.0
GE 200	92.6	94.8	96.1	96.5	97.1	97.3	97.7	98.2	98.3	98.8	99.6	99.9	100.0	100.0	100.0	100.0
GE 100	92.6	94.8	96.1	96.5	97.1	97.3	97.7	98.2	98.3	98.8	99.6	99.9	100.0	100.0	100.0	100.0
GE 0	92.6	94.8	96.1	96.5	97.1	97.3	97.7	98.2	98.3	98.8	99.6	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	CE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	43.2	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.6	43.6	43.6	43.6
GE 20000	45.3	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.7
GE 18000	47.7	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.2
GE 16000	48.2	48.5	48.5	48.5	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 14000	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.4
GE 12000	51.8	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3
GE 10000	57.3	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8
GE 9000	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0
GE 8000	67.9	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	66.5
GE 7000	73.1	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.7	73.7
GE 6000	76.5	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.1
GE 5000	82.8	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.9
GE 4500	85.7	86.4	86.4	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.9
GE 4000	88.6	89.5	89.6	89.7	89.8	89.8	89.9	89.9	89.9	89.9	90.0	90.0	90.1	90.1	90.1	90.1
GE 3500	90.2	91.3	91.4	91.4	91.6	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.9	91.9	91.9	92.0
GE 3000	91.4	92.7	92.8	92.9	93.1	93.2	93.3	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.6
GE 2500	91.7	93.2	93.4	93.5	93.7	93.8	93.9	94.0	94.0	94.0	94.1	94.1	94.2	94.2	94.2	94.2
GE 2000	92.1	93.8	94.1	94.3	94.5	94.6	94.8	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.3	95.3
GE 1800	92.2	93.9	94.2	94.4	94.7	94.8	95.0	95.2	95.2	95.3	95.4	95.4	95.5	95.5	95.5	95.5
GE 1500	92.4	94.4	94.8	95.0	95.4	95.5	95.8	96.1	96.1	96.3	96.4	96.4	96.4	96.4	96.5	96.5
GE 1200	92.5	94.6	94.9	95.2	95.6	95.7	96.0	96.3	96.4	96.6	96.7	96.7	96.8	96.8	96.8	96.8
GE 1000	92.6	94.8	95.2	95.5	95.9	96.0	96.3	96.7	96.7	97.0	97.2	97.2	97.3	97.3	97.3	97.3
GE 900	92.6	94.8	95.3	95.5	96.0	96.1	96.4	96.8	96.9	97.2	97.3	97.4	97.4	97.4	97.5	97.5
GE 800	92.6	94.9	95.3	95.6	96.0	96.2	96.5	96.9	97.0	97.4	97.6	97.7	97.8	97.8	97.8	97.8
GE 700	92.7	95.0	95.5	95.8	96.3	96.4	96.8	97.2	97.3	97.6	97.9	98.0	98.1	98.1	98.1	98.2
GE 600	92.7	95.1	95.6	95.9	96.4	96.5	96.9	97.3	97.4	97.8	98.3	98.4	98.5	98.5	98.5	98.6
GE 500	92.7	95.1	95.8	96.0	96.6	96.7	97.1	97.6	97.7	98.1	98.7	98.8	98.9	99.0	99.0	99.0
GE 400	92.7	95.1	95.9	96.2	96.7	96.9	97.4	98.0	98.2	98.6	99.2	99.4	99.5	99.5	99.6	99.6
GE 300	92.7	95.1	95.9	96.2	96.8	96.9	97.4	98.1	98.3	98.8	99.4	99.6	99.7	99.7	99.8	99.8
GE 200	92.7	95.2	95.9	96.2	96.8	96.9	97.5	98.1	98.3	98.8	99.4	99.7	99.8	99.9	99.9	100.0
GE 100	92.7	95.2	95.9	96.2	96.8	96.9	97.5	98.1	98.3	98.8	99.4	99.7	99.8	99.9	99.9	100.0
GE 0	92.7	95.2	95.9	96.2	96.8	96.9	97.5	98.1	98.3	98.8	99.4	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 20000	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 18000	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 16000	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 14000	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 12000	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 10000	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 9000	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 8000	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 7000	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 6000	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 5000	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 4500	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 4000	87.4	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 3500	89.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 3000	90.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2500	91.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 2000	92.4	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1800	92.7	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1500	93.0	95.4	95.4	95.6	95.8	95.8	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1200	93.0	95.6	95.6	95.7	95.9	96.0	96.4	96.4	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7
GE 1000	93.3	96.0	96.0	96.2	96.6	96.7	97.1	97.3	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7
GE 900	93.3	96.0	96.0	96.2	96.6	96.7	97.2	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8
GE 800	93.3	96.0	96.0	96.2	96.6	96.7	97.2	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8
GE 700	93.4	96.2	96.2	96.4	96.9	97.0	97.8	98.2	98.3	98.4	98.4	98.7	98.7	98.7	98.7	98.7
GE 600	93.4	96.2	96.2	96.4	96.9	97.0	97.8	98.2	98.3	98.4	98.4	98.7	98.7	98.7	98.7	98.7
GE 500	93.9	96.8	96.9	97.1	97.6	97.7	98.4	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4
GE 400	93.9	96.8	96.9	97.1	97.6	97.7	98.4	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4
GE 300	94.0	97.1	97.2	97.4	97.9	98.0	98.8	99.2	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9
GE 200	94.0	97.1	97.2	97.4	97.9	98.0	98.8	99.2	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0
GE 100	94.0	97.1	97.2	97.4	97.9	98.0	98.8	99.2	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0
GE 0	94.0	97.1	97.2	97.4	97.9	98.0	98.8	99.2	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.6	41.6	41.6	41.6	41.6	41.6
GE 20000	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2
GE 18000	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2
GE 16000	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6
GE 14000	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.3	46.3	46.3	46.3	46.3	46.3
GE 12000	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2
GE 10000	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9
GE 9000	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2
GE 8000	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2
GE 7000	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2
GE 6000	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2
GE 5000	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1
GE 4500	81.2	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9
GE 4000	84.0	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9
GE 3500	85.4	86.1	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.6	86.7	86.7	86.7	86.7	86.7
GE 3000	87.8	89.0	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.4	89.6	89.6	89.6	89.6	89.6	89.6
GE 2500	88.6	90.1	90.2	90.2	90.6	90.6	90.6	90.6	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8
GE 2000	90.3	92.3	92.7	92.7	93.3	93.3	93.3	93.3	93.3	93.4	93.6	93.6	93.6	93.6	93.6	93.6
GE 1800	90.3	92.6	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9
GE 1500	90.7	93.0	93.3	93.3	94.0	94.0	94.0	94.2	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.7
GE 1200	90.7	93.0	93.4	93.4	94.1	94.1	94.1	94.3	94.3	94.8	94.9	95.1	95.1	95.1	95.1	95.1
GE 1000	91.2	93.6	94.0	94.1	94.9	95.0	95.0	95.4	95.4	96.0	96.1	96.3	96.3	96.3	96.3	96.3
GE 900	91.2	93.6	94.0	94.1	94.9	95.0	95.2	95.7	95.7	96.2	96.3	96.6	96.6	96.6	96.6	96.6
GE 800	91.6	93.9	94.3	94.4	95.2	95.3	95.6	96.0	96.0	96.6	96.7	96.9	96.9	96.9	96.9	96.9
GE 700	91.7	94.2	94.8	94.9	95.7	95.9	96.2	96.7	96.7	97.2	97.3	97.6	97.6	97.6	97.6	97.6
GE 600	91.8	94.4	95.1	95.3	96.3	96.7	97.1	97.6	97.6	98.1	98.2	98.4	98.4	98.4	98.4	98.4
GE 500	91.9	94.9	95.7	96.0	97.0	97.3	97.8	98.2	98.2	98.8	98.9	99.1	99.1	99.1	99.1	99.1
GE 400	91.9	95.0	95.8	96.1	97.1	97.4	97.9	98.3	98.3	98.9	99.0	99.2	99.2	99.2	99.2	99.2
GE 300	92.0	95.2	96.1	96.4	97.7	98.0	98.4	98.9	98.9	99.4	99.6	99.8	99.9	99.9	99.9	99.9
GE 200	92.0	95.2	96.1	96.4	97.7	98.0	98.6	99.0	99.0	99.6	99.7	99.9	100.0	100.0	100.0	100.0
GE 100	92.0	95.2	96.1	96.4	97.7	98.0	98.6	99.0	99.0	99.6	99.7	99.9	100.0	100.0	100.0	100.0
GE 0	92.0	95.2	96.1	96.4	97.7	98.0	98.6	99.0	99.0	99.6	99.7	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	38.9	39.0	39.0	39.0	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.2	39.3	
GE 20000	42.2	42.3	42.3	42.3	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.6	42.7
GE 18000	44.6	44.7	44.7	44.7	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	45.0	45.1
GE 16000	44.7	44.8	44.8	44.8	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.1	45.2
GE 14000	45.3	45.4	45.4	45.4	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.8	45.9
GE 12000	47.7	47.8	47.8	47.8	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.1	48.2
GE 10000	54.9	55.1	55.1	55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.6
GE 9000	57.6	57.8	57.8	57.8	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.2
GE 8000	65.6	65.8	65.8	65.8	65.9	65.9	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.2	66.3
GE 7000	71.3	71.6	71.6	71.6	71.7	71.7	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	72.0	72.1
GE 6000	73.8	74.0	74.0	74.0	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.4	74.6
GE 5000	78.0	78.3	78.3	78.3	78.4	78.4	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.8	78.9
GE 4500	80.6	80.9	80.9	80.9	81.0	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.3	81.4
GE 4000	84.6	84.8	84.8	84.8	84.9	84.9	84.7	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.1	85.2
GE 3500	84.9	86.0	86.0	86.0	86.2	86.2	86.6	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.1	87.2
GE 3000	85.6	87.0	87.0	87.0	87.2	87.2	87.6	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.2	88.3
GE 2500	86.7	88.1	88.2	88.2	88.4	88.4	88.8	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.6	89.7
GE 2200	89.1	90.8	91.0	91.0	91.2	91.2	91.6	92.0	92.1	92.3	92.3	92.3	92.3	92.3	92.4	92.6
GE 2000	89.1	90.8	91.0	91.0	91.2	91.2	91.6	92.2	92.4	92.8	92.8	92.8	92.8	92.8	92.9	93.0
GE 1800	89.2	91.2	91.4	91.4	91.8	91.8	92.1	92.9	93.2	93.6	93.6	93.6	93.6	93.6	93.7	93.8
GE 1200	89.3	91.6	92.0	92.0	92.3	92.3	92.7	93.4	93.9	94.3	94.4	94.4	94.4	94.4	94.6	94.7
GE 1000	89.3	91.7	92.4	92.4	92.8	92.9	93.4	94.3	94.8	95.3	95.4	95.4	95.4	95.4	95.7	95.8
GE 900	89.3	91.7	92.4	92.4	92.9	93.0	93.8	94.7	95.1	95.7	95.9	95.9	95.9	95.9	96.1	96.2
GE 800	89.3	91.7	92.4	92.6	93.0	93.1	93.9	95.0	95.4	96.0	96.2	96.3	96.3	96.3	96.6	96.7
GE 700	89.3	91.9	92.8	92.9	93.3	93.4	94.2	95.3	95.8	96.4	96.7	96.8	96.9	96.9	97.1	97.2
GE 600	89.3	92.1	93.1	93.2	93.8	94.0	94.8	95.9	96.3	97.0	97.2	97.3	97.4	97.4	97.7	97.8
GE 500	89.3	92.2	93.2	93.4	94.0	94.2	95.0	96.3	96.8	97.4	97.7	97.8	97.9	97.9	98.2	98.3
GE 400	89.3	92.3	93.3	93.6	94.3	94.6	95.3	96.7	97.1	97.8	98.0	98.1	98.2	98.2	98.6	98.7
GE 300	89.3	92.4	93.4	93.6	94.7	94.9	95.7	97.0	97.4	98.3	98.8	98.9	99.0	99.0	99.3	99.4
GE 200	89.3	92.4	93.4	93.8	94.7	94.9	95.9	97.2	97.7	98.7	99.2	99.3	99.4	99.4	99.8	100.0
GE 100	89.3	92.4	93.4	93.8	94.7	94.9	95.9	97.2	97.7	98.7	99.2	99.3	99.4	99.4	99.8	100.0
GE 0	89.3	92.4	93.4	93.8	94.7	94.9	95.9	97.2	97.7	98.7	99.2	99.3	99.4	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0
NO CEIL	46.7	46.8	46.8	46.8	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.0	47.0
GE 20000	48.6	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.9	48.9
GE 18000	51.9	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.3
GE 16000	52.2	52.4	52.4	52.4	52.4	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.7	52.7
GE 14000	53.1	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.6	53.6
GE 12000	56.8	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2
GE 10000	61.6	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0
GE 9000	63.8	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2
GE 8000	71.7	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1
GE 7000	75.8	76.1	76.1	76.1	76.3	76.3	76.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.7	76.7
GE 6000	77.7	78.1	78.1	78.1	78.3	78.3	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.7	78.7
GE 5000	84.3	84.9	85.0	85.0	85.2	85.2	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.6	85.6
GE 4500	85.7	86.3	86.4	86.4	86.7	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	87.0	87.0
GE 4000	87.1	87.9	88.0	88.0	88.2	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.6	88.6
GE 3500	88.2	89.6	89.7	89.7	89.9	89.9	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.4	90.4
GE 3000	89.4	91.1	91.2	91.3	91.6	91.6	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.1	92.1
GE 2500	90.2	92.1	92.2	92.6	92.8	92.8	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.3	93.3
GE 2000	90.9	93.1	93.2	93.6	93.8	93.8	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.4	94.4
GE 1800	90.9	93.1	93.2	93.6	93.8	93.8	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.4	94.4
GE 1500	91.9	94.4	94.6	94.9	95.2	95.2	95.7	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.3	96.3
GE 1200	92.2	94.8	94.9	95.2	95.6	95.6	96.0	96.3	96.4	96.7	96.7	96.7	96.7	96.7	96.8	96.8
GE 1000	92.3	95.6	95.2	95.6	95.9	95.9	96.3	96.7	96.8	97.1	97.1	97.1	97.1	97.1	97.2	97.2
GE 900	92.3	95.0	95.2	95.6	95.9	95.9	96.4	96.8	96.9	97.2	97.3	97.3	97.3	97.3	97.4	97.4
GE 800	92.3	95.0	95.2	95.7	96.0	96.0	96.6	96.9	97.0	97.3	97.4	97.4	97.4	97.4	97.6	97.6
GE 700	92.4	95.1	95.3	95.8	96.1	96.1	96.7	97.1	97.2	97.7	97.8	97.8	97.9	97.9	98.0	98.0
GE 600	92.4	95.1	95.4	95.9	96.2	96.2	96.8	97.2	97.3	97.9	98.0	98.0	98.1	98.1	98.2	98.2
GE 500	92.7	95.6	96.1	96.6	97.1	97.1	97.7	98.3	98.4	99.1	99.2	99.2	99.3	99.3	99.4	99.4
GE 400	92.7	95.6	96.1	96.6	97.1	97.1	97.7	98.3	98.4	99.1	99.2	99.2	99.4	99.4	99.6	99.6
GE 300	92.7	95.6	96.1	96.8	97.3	97.3	97.9	98.6	98.7	99.3	99.6	99.6	99.8	99.8	99.9	99.9
GE 200	92.7	95.6	96.1	96.8	97.4	97.4	98.0	98.7	98.8	99.4	99.7	99.7	99.9	99.9	100.0	100.0
GE 100	92.7	95.6	96.1	96.8	97.4	97.4	98.0	98.7	98.8	99.4	99.7	99.7	99.9	99.9	100.0	100.0
GE 0	92.7	95.6	96.1	96.8	97.4	97.4	98.0	98.7	98.8	99.4	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 25000	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 18000	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 16000	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 14000	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 12000	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 10000	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 9000	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 8000	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 7000	77.4	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 6000	79.7	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 5000	86.6	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 4500	88.4	89.0	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 4000	89.8	90.3	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 3500	91.6	92.3	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 3000	92.4	93.4	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 2500	93.3	94.3	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
GE 2000	94.1	95.1	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
GE 1800	94.1	95.1	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
GE 1500	94.7	95.9	96.1	96.6	96.8	96.8	96.9	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3
GE 1200	94.9	96.1	96.3	96.8	97.0	97.0	97.1	97.3	97.3	97.4	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	94.9	96.2	96.4	97.0	97.2	97.2	97.3	97.6	97.7	97.9	98.1	98.1	98.1	98.1	98.1	98.1
GE 900	94.9	96.2	96.4	97.0	97.2	97.2	97.4	97.7	97.8	98.0	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	94.9	96.4	96.7	97.2	97.4	97.4	97.8	98.0	98.1	98.3	98.8	98.8	98.9	98.9	98.9	98.9
GE 700	94.9	96.4	96.7	97.2	97.4	97.4	97.8	98.1	98.2	98.4	98.9	98.9	99.0	99.0	99.0	99.0
GE 600	94.9	96.4	96.7	97.2	97.4	97.4	97.8	98.1	98.2	98.4	98.9	98.9	99.0	99.0	99.0	99.0
GE 500	94.9	96.4	96.7	97.3	97.7	97.7	98.0	98.3	98.4	98.7	99.2	99.2	99.3	99.3	99.3	99.3
GE 400	94.9	96.4	96.7	97.3	97.7	97.7	98.1	98.4	98.6	98.8	99.6	99.6	99.8	99.8	99.8	99.8
GE 300	94.9	96.4	96.7	97.3	97.7	97.7	98.1	98.4	98.6	98.8	99.6	99.6	99.8	99.9	99.9	99.9
GE 200	94.9	96.4	96.7	97.3	97.7	97.7	98.1	98.4	98.6	98.8	99.6	99.6	99.8	99.9	99.9	99.9
GE 100	94.9	96.4	96.7	97.3	97.7	97.8	98.2	98.6	98.7	98.9	99.7	99.7	99.9	100.0	100.0	100.0
GE 0	94.9	96.4	96.7	97.3	97.7	97.8	98.2	98.6	98.7	98.9	99.7	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 20000	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 18000	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 16000	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 14000	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 12000	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 10000	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 9000	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 8000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 7000	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 6000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 5000	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 4500	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 4000	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 3500	92.9	93.3	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 3000	94.1	94.7	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2500	94.1	94.9	95.1	95.1	95.4	95.4	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7
GE 2000	94.9	95.9	96.1	96.2	96.7	96.7	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
GE 1800	94.9	95.9	96.1	96.2	96.7	96.7	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
GE 1500	94.9	96.0	96.2	96.3	96.9	97.0	97.2	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6
GE 1200	95.0	96.2	96.4	96.6	97.1	97.3	97.6	97.7	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	95.0	96.3	96.6	96.7	97.3	97.6	97.8	97.9	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	95.0	96.3	96.6	96.7	97.3	97.6	97.8	97.9	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	95.0	96.3	96.7	96.8	97.4	97.7	98.1	98.3	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	95.0	96.3	96.7	96.8	97.4	97.7	98.1	98.3	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	95.0	96.3	96.7	96.8	97.4	97.7	98.1	98.3	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	95.0	96.4	96.8	97.0	97.7	97.9	98.3	98.6	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	95.0	96.6	97.0	97.2	98.0	98.2	98.7	99.1	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.0	96.6	97.0	97.2	98.0	98.2	98.7	99.1	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.0	96.6	97.0	97.2	98.0	98.2	98.7	99.1	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.0	96.6	97.0	97.2	98.0	98.2	98.7	99.1	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	95.0	96.6	97.0	97.2	98.0	98.2	98.7	99.1	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 20000	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 18000	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 16000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 14000	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 12000	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 10000	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 9000	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 8000	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9
GE 7000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8
GE 6000	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8
GE 5000	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.9
GE 4500	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.3
GE 4000	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.6
GE 3500	92.1	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.9
GE 3000	93.1	93.7	93.9	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.6
GE 2500	94.1	94.7	94.9	94.9	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.7	95.7	95.7	95.8
GE 2000	95.1	95.8	96.0	96.0	96.3	96.3	96.6	96.9	96.9	96.9	96.9	96.9	97.1	97.1	97.1	97.2
GE 1800	95.4	96.1	96.3	96.3	96.8	96.8	97.0	97.3	97.3	97.3	97.3	97.3	97.6	97.6	97.6	97.7
GE 1500	95.6	96.4	96.7	96.7	97.2	97.2	97.4	98.0	98.0	98.0	98.0	98.0	98.2	98.3	98.3	98.4
GE 1200	95.6	96.4	96.7	96.7	97.2	97.2	97.4	98.0	98.0	98.0	98.0	98.0	98.2	98.3	98.3	98.4
GE 1000	95.6	96.8	97.1	97.1	97.8	97.8	98.0	98.7	98.7	98.7	98.7	98.7	98.9	99.0	99.0	99.1
GE 900	95.6	96.8	97.1	97.1	97.8	97.8	98.0	98.7	98.7	98.7	98.7	98.7	98.9	99.0	99.0	99.1
GE 800	95.6	96.8	97.1	97.1	97.8	97.8	98.1	98.8	98.8	98.8	98.8	98.8	99.0	99.1	99.1	99.2
GE 700	95.6	96.8	97.1	97.1	97.9	97.9	98.2	98.9	98.9	98.9	99.0	99.0	99.2	99.3	99.3	99.4
GE 600	95.6	96.8	97.1	97.1	97.9	97.9	98.2	98.9	98.9	98.9	99.1	99.1	99.3	99.4	99.4	99.6
GE 500	95.6	96.9	97.2	97.2	98.0	98.0	98.3	99.0	99.0	99.0	99.2	99.2	99.4	99.6	99.6	99.7
GE 400	95.6	96.9	97.2	97.2	98.0	98.0	98.3	99.1	99.1	99.1	99.3	99.3	99.6	99.7	99.7	99.8
GE 300	95.6	96.9	97.2	97.2	98.0	98.0	98.3	99.1	99.1	99.1	99.3	99.3	99.6	99.7	99.7	99.8
GE 200	95.6	96.9	97.2	97.2	98.0	98.0	98.3	99.2	99.2	99.2	99.6	99.6	99.8	99.9	99.9	100.0
GE 100	95.6	96.9	97.2	97.2	98.0	98.0	98.3	99.2	99.2	99.2	99.6	99.6	99.8	99.9	99.9	100.0
GE 0	95.6	96.9	97.2	97.2	98.0	98.0	98.3	99.2	99.2	99.2	99.6	99.6	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 9/16	GE 1/4	GE 0
NO CEIL	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 20000	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 18000	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 16000	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 14000	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 12000	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 10000	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 9000	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 8000	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 7000	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 6000	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 5000	85.0	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 4500	88.6	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 4000	90.4	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 3500	91.6	92.3	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 3000	92.4	93.2	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2500	92.8	94.1	94.4	94.7	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 2000	93.8	95.2	95.7	95.9	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1800	94.3	95.8	96.2	96.4	96.8	96.8	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
GE 1500	94.4	96.1	96.6	96.8	97.4	97.4	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200	94.6	96.3	96.8	97.0	97.7	97.7	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	94.7	96.7	97.2	97.4	98.1	98.1	98.7	98.7	98.7	98.7	98.8	99.0	99.0	99.0	99.0	99.0
GE 900	94.7	96.7	97.6	97.8	98.4	98.4	99.0	99.0	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3
GE 800	94.7	96.7	97.6	97.8	98.4	98.4	99.0	99.0	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3
GE 700	94.7	96.7	97.6	97.8	98.4	98.4	99.1	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6
GE 600	94.7	96.7	97.6	97.8	98.4	98.4	99.1	99.1	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6
GE 500	94.7	96.7	97.7	97.9	98.7	98.7	99.3	99.3	99.3	99.3	99.4	99.8	99.8	99.8	99.8	99.8
GE 400	94.7	96.7	97.7	97.9	98.7	98.7	99.4	99.4	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9
GE 300	94.7	96.7	97.7	97.9	98.7	98.7	99.4	99.4	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9
GE 200	94.7	96.7	97.7	97.9	98.7	98.7	99.4	99.4	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9
GE 100	94.7	96.7	97.7	97.9	98.7	98.7	99.4	99.4	99.4	99.4	99.6	99.9	99.9	100.0	100.0	100.0
GE 0	94.7	96.7	97.7	97.9	98.7	98.7	99.4	99.4	99.4	99.4	99.6	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 7/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.8
GE 20000	46.0	46.0	46.0	46.0	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 18000	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.6
GE 16000	50.0	50.0	50.0	50.0	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 14000	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.1	51.1
GE 12000	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2
GE 10000	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.5
GE 9000	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8
GE 8000	70.1	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4
GE 7000	74.8	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2
GE 6000	77.6	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0
GE 5000	84.0	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6
GE 4500	86.3	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0
GE 4000	88.1	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.1
GE 3500	89.5	90.3	90.4	90.5	90.6	90.6	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 3000	90.7	91.8	91.9	92.0	92.1	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4
GE 2500	91.4	92.7	92.9	93.0	93.2	93.2	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.6	93.6
GE 2000	92.6	94.1	94.3	94.5	94.8	94.8	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.3	95.3
GE 1800	92.7	94.3	94.5	94.6	94.9	94.9	95.1	95.3	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.6
GE 1500	93.0	94.8	95.0	95.2	95.6	95.7	95.9	96.2	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.6
GE 1200	93.2	95.0	95.3	95.4	95.9	95.9	96.2	96.5	96.5	96.7	96.8	96.9	96.9	96.9	96.9	97.0
GE 1000	93.3	95.3	95.6	95.8	96.3	96.4	96.7	97.1	97.2	97.4	97.5	97.6	97.6	97.6	97.7	97.7
GE 900	93.3	95.3	95.7	95.9	96.4	96.4	96.9	97.2	97.3	97.6	97.7	97.8	97.8	97.8	97.9	97.9
GE 800	93.3	95.3	95.8	96.0	96.5	96.6	97.0	97.4	97.6	97.8	97.9	98.0	98.1	98.1	98.1	98.2
GE 700	93.4	95.5	95.9	96.1	96.7	96.7	97.3	97.7	97.8	98.1	98.3	98.4	98.5	98.5	98.5	98.5
GE 600	93.4	95.5	96.0	96.2	96.8	96.9	97.5	97.9	98.0	98.3	98.5	98.6	98.7	98.7	98.8	98.8
GE 500	93.5	95.7	96.3	96.6	97.2	97.3	97.9	98.4	98.5	98.8	99.0	99.1	99.2	99.2	99.3	99.3
GE 400	93.5	95.8	96.3	96.6	97.3	97.4	98.0	98.5	98.7	99.0	99.2	99.3	99.4	99.5	99.5	99.5
GE 300	93.5	95.9	96.4	96.8	97.5	97.6	98.2	98.7	98.9	99.2	99.5	99.6	99.7	99.8	99.8	99.8
GE 200	93.5	95.9	96.4	96.8	97.5	97.6	98.2	98.8	98.9	99.3	99.6	99.7	99.8	99.9	99.9	100.0
GE 100	93.5	95.9	96.4	96.8	97.5	97.6	98.2	98.8	98.9	99.3	99.6	99.7	99.8	99.9	100.0	100.0
GE 0	93.5	95.9	96.4	96.8	97.5	97.6	98.2	98.8	98.9	99.3	99.6	99.7	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
GE 20000	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 18000	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
GE 16000	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 14000	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 12000	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 10000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 9000	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 8000	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 7000	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 6000	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 5000	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 4500	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 4000	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 3500	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 3000	95.1	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 2500	95.5	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2000	96.9	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	96.9	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1500	97.6	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	97.6	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	97.8	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	97.8	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	98.1	98.5	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	98.1	98.5	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	98.5	99.0	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	98.5	99.0	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	98.5	99.0	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	98.7	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.7	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.7	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	98.7	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 20000	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 18000	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 16000	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 14000	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 12000	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 10000	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 9000	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 8000	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 7000	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 6000	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 5000	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 4500	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 4000	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 3500	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 3000	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2500	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2
GE 2000	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8
GE 1800	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
GE 1500	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
GE 1200	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
GE 1000	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8
GE 900	99.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
GE 800	99.1	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
GE 700	98.1	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
GE 600	98.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
GE 500	98.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 400	98.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 300	98.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	98.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	98.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 0	98.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 20000	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 18000	40.1	40.2	40.2	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 16000	40.2	40.3	40.3	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 14000	41.3	41.4	41.4	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 12000	45.2	45.3	45.3	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 10000	53.3	53.4	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 9000	57.6	57.7	57.7	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 8000	70.4	70.5	70.5	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 7000	77.2	77.3	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 6000	81.8	81.9	81.9	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 5000	86.8	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4500	90.2	90.3	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 4000	92.8	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 3500	93.3	93.4	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 3000	94.7	94.9	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 2500	95.6	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2000	97.1	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6
GE 1800	97.2	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7
GE 1500	97.4	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1
GE 1200	97.4	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3
GE 1000	98.2	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
GE 900	98.3	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
GE 800	98.3	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
GE 700	98.3	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
GE 600	98.5	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 500	98.5	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 400	98.5	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 300	98.5	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 200	98.5	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0
GE 100	98.5	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0
GE 0	98.5	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 20000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 18000	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 16000	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 14000	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 12000	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 10000	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 9000	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 8000	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 7000	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 6000	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 5000	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 4500	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 4000	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 3500	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 3000	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2500	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2000	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1800	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	98.7	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.6	99.8	99.8
GE 500	98.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
GE 20000	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 18000	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 16000	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 14000	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 12000	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 10000	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 9000	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 8000	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 7000	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 6000	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 5000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 4500	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 4000	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 3500	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 3000	96.0	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2500	96.9	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2000	97.7	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800	97.7	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1500	98.0	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	99.1	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	98.3	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 900	98.3	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 800	98.3	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 700	98.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 600	98.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	98.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	98.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	98.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	98.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	98.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	98.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
GE 20000	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
GE 18000	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 16000	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 14000	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 12000	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 10000	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 9000	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 8000	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 7000	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 6000	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 5000	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 4500	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 4000	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 3500	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 3000	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 2500	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	98.5	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800	98.5	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
GE 20000	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
GE 18000	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 16000	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 14000	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 12000	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 10000	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 9000	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 8000	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 7000	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 6000	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 5000	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 4500	94.2	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 4000	96.7	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 3500	97.8	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 3000	97.8	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2500	98.2	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	98.3	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800	98.3	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	98.4	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	98.5	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	98.6	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	98.6	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	98.7	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	98.7	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.7	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.7	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.7	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.7	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.7	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.7	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	98.7	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

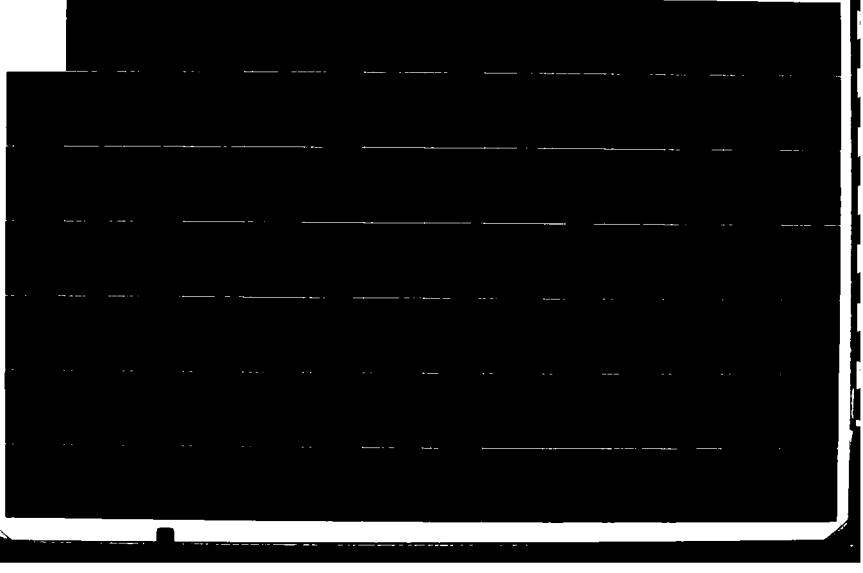
STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

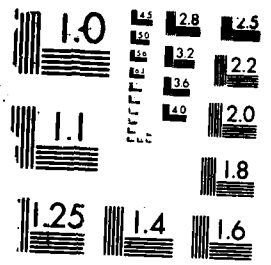
PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
GE 20000	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
GE 18000	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 16000	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 14000	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 12000	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 10000	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 9000	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 8000	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 7000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 6000	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 5000	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 4500	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 4000	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 3500	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 3000	97.3	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2500	97.7	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 2000	98.1	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1800	98.2	98.7	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1600	98.7	98.7	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	98.7	98.9	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	98.7	99.1	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	98.7	99.2	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	98.7	99.2	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	98.8	99.2	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	98.8	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.8	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.8	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.8	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.8	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.8	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	98.8	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

AD-A187 847 ELMENDORF AFB ALASKA REVISED UNIFORM SUMMARY OF SURFACE 3/4
WEATHER OBSERVATIONS PARTS A-F(U) AIR FORCE
ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A..
UNCLASSIFIED NOV 87 USAFETAC/DS-87/072 F/G 4/2 NL





MICROCOPY RESOLUTION TEST CHART

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/16	GE 1/4	GE 0
NO CEIL	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 20000	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 18000	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 16000	40.7	40.7	40.7	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 14000	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 12000	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 10000	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 9000	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 8000	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 7000	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 6000	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 5000	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 4500	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 4000	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 3500	95.4	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 3000	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2500	96.8	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2200	97.7	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1800	97.8	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
GE 1500	98.1	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	98.2	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
GE 1000	98.4	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	98.4	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
GE 800	98.5	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	98.5	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	98.6	99.4	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	98.6	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	98.6	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	98.6	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	98.6	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	98.6	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 0	98.6	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
GE 20000	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
GE 18000	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE 16000	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 14000	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 12000	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 10000	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 9000	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 8000	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 7000	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 6000	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 5000	86.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 4500	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 4000	93.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 3500	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 3000	95.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 2500	96.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2000	96.8	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800	96.8	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1500	97.1	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	97.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	97.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	97.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	97.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	97.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	97.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	97.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
GE 20000	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
GE 18000	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
GE 16000	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 14000	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 12000	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 10000	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 9000	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 8000	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 7000	70.3	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 6000	77.2	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 5000	84.9	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 4500	88.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 4000	91.2	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 3500	93.7	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 3000	95.1	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2500	95.8	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2000	96.3	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1800	96.3	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1500	96.7	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	96.8	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	96.9	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	96.9	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	96.9	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	96.9	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	96.9	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	96.9	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.9	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.9	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.9	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.9	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	96.9	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.4	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
GE 20000	33.0	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 18000	35.2	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 16000	35.7	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 14000	36.7	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 12000	40.9	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 10000	47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 9000	52.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 8000	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 7000	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 6000	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 5000	86.2	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4500	88.8	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 4000	91.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 3500	92.3	93.8	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 3000	93.9	95.3	95.3	95.3	95.6	95.6	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2500	94.4	95.9	95.9	95.9	96.1	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2000	95.6	97.0	97.1	97.1	97.3	97.3	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800	95.6	97.0	97.4	97.4	97.7	97.7	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1500	96.0	97.7	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	96.1	97.8	98.3	98.3	98.7	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	96.4	98.4	99.0	99.0	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	96.4	98.6	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	96.4	98.6	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	96.4	98.6	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	96.4	98.6	99.1	99.2	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	96.6	98.7	99.2	99.3	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	96.6	98.7	99.2	99.3	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	96.7	98.8	99.3	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.7	98.8	99.3	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.7	98.8	99.3	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	96.7	98.8	99.3	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
GE 20000	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 18000	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 16000	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
GE 14000	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 12000	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 10000	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 9000	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 8000	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 7000	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 6000	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 5000	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 4500	89.0	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 4000	91.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 3500	92.9	94.3	94.4	94.4	94.4	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 3000	93.8	95.2	95.3	95.3	95.3	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2500	95.1	97.0	97.1	97.1	97.1	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2000	96.1	98.0	98.1	98.1	98.1	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1800	96.3	98.3	98.4	98.4	98.4	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	96.6	98.7	98.8	98.8	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	96.6	98.7	98.8	98.8	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	96.9	99.4	99.6	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	96.9	99.4	99.6	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	96.9	99.4	99.6	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	96.9	99.4	99.6	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	96.9	99.4	99.6	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	96.9	99.6	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.9	99.6	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.9	99.6	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.9	99.6	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.9	99.6	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	96.9	99.6	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
GE 20000	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 18000	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 16000	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 14000	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 12000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 10000	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 9000	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 8000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 7000	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 6000	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 5000	86.3	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 4500	89.6	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 4000	92.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 3500	94.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 3000	95.9	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2500	96.4	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 2000	97.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1800	97.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	98.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	98.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	98.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	98.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	98.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	98.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	98.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
GE 20000	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
GE 18000	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 16000	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 14000	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 12000	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 10000	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 9000	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 8000	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 7000	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 6000	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 5000	89.2	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 4500	92.3	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 4000	95.4	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 3500	97.6	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 3000	97.9	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2500	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2000	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1600	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.4	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
GE 20000	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
GE 18000	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 16000	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 14000	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 12000	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 10000	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 9000	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 8000	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 7000	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 6000	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 5000	91.7	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 4500	93.7	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 4000	96.8	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 3500	97.2	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 3000	97.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2500	97.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 2000	98.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1800	98.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	98.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	98.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	98.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	98.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	98.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	98.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	98.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
GE 20000	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
GE 18000	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 16000	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 14000	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 12000	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 10000	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 9000	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 8000	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 7000	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 6000	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.8	80.8	80.8	80.8	80.8
GE 5000	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 4500	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 4000	95.6	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 3500	96.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 3000	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 2500	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2000	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1800	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	98.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 20000	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 18000	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 16000	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 14000	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 12000	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 10000	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 9000	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 8000	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 7000	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 6000	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 5000	87.7	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 4500	90.7	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 4000	93.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 3500	95.0	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 3000	95.9	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2500	96.5	97.8	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2000	97.3	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	97.3	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1500	97.5	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1200	97.6	99.2	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	97.7	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	97.7	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	97.7	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	97.7	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	97.7	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	97.8	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.8	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.8	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.8	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.8	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	97.8	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 9/16	GE 1/4	GE 0
NO CEIL	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 20000	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
GE 18000	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
GE 16000	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
GE 14000	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
GE 12000	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
GE 10000	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 9000	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 8000	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 7000	57.4	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 6000	63.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 5000	74.2	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 4500	79.4	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 4000	82.5	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 3500	85.3	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 3000	88.6	92.2	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 2500	90.6	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 2000	91.1	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.1
GE 1800	91.4	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4
GE 1500	92.4	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6
GE 1200	92.7	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1
GE 1000	93.1	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7
GE 900	93.1	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8
GE 800	93.2	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1
GE 700	93.2	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3
GE 600	93.3	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
GE 500	93.7	98.5	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
GE 400	93.8	98.6	99.0	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
GE 300	93.9	98.8	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 200	93.9	98.8	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	93.9	98.8	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 0	93.9	98.8	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
GE 20000	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
GE 18000	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
GE 16000	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
GE 14000	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
GE 12000	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.2	32.2	32.2	32.2
GE 10000	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.2	37.2	37.2	37.2
GE 9000	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.4	41.4	41.4	41.4
GE 8000	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.4	49.4	49.4	49.4
GE 7000	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0
GE 6000	61.4	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4
GE 5000	71.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0
GE 4500	78.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1
GE 4000	81.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5
GE 3500	83.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7
GE 3000	86.7	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4
GE 2500	88.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4
GE 2000	89.1	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7
GE 1800	89.1	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8
GE 1500	90.6	95.2	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8
GE 1200	91.2	96.0	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
GE 1000	91.3	96.2	97.0	97.0	97.2	97.3	97.3	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6
GE 900	91.3	96.2	97.1	97.1	97.3	97.4	97.5	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8
GE 800	91.3	96.2	97.1	97.1	97.3	97.4	97.5	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0
GE 700	91.3	96.2	97.2	97.2	97.4	97.5	97.6	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1
GE 600	91.4	96.5	97.4	97.4	97.6	97.7	97.8	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 500	91.4	96.8	98.0	98.0	98.3	98.4	98.5	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 400	91.7	97.1	98.3	98.3	98.6	98.7	98.8	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 300	91.7	97.3	98.7	98.7	99.0	99.1	99.2	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 200	91.7	97.3	98.7	98.7	99.0	99.1	99.2	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	91.7	97.3	98.7	98.7	99.0	99.1	99.2	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 0	91.7	97.3	98.7	98.7	99.0	99.1	99.2	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 9/16	GE 1/4	GE 0
NO CEIL	20.8	20.8	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9
GE 20000	22.6	22.6	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
GE 18000	24.8	24.8	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
GE 16000	25.3	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
GE 14000	25.7	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
GE 12000	28.8	28.8	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
GE 10000	34.3	34.4	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 9000	39.9	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 8000	48.6	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 7000	55.8	55.9	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5
GE 6000	59.9	60.1	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6
GE 5000	70.8	71.7	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5
GE 4500	76.1	77.3	77.8	78.1	78.1	78.1	78.1	78.3	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5
GE 4000	79.1	80.8	81.5	81.7	81.7	81.7	81.7	81.9	81.9	82.0	82.2	82.2	82.2	82.2	82.2	82.2
GE 3500	82.3	84.5	85.3	85.5	85.5	85.5	85.5	85.7	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9
GE 3000	85.7	88.3	89.1	89.4	89.4	89.4	89.4	89.7	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9
GE 2500	87.6	90.5	91.6	91.9	91.9	91.9	92.0	92.4	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6
GE 2000	88.8	92.2	93.4	93.8	93.8	93.8	93.9	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5
GE 1800	88.9	92.4	93.7	94.0	94.0	94.0	94.1	94.5	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7
GE 1500	90.0	94.0	95.3	95.6	95.6	95.6	95.8	96.3	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6
GE 1200	90.5	94.7	96.0	96.3	96.3	96.3	96.6	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3
GE 1000	90.8	95.2	96.6	96.9	97.1	97.1	97.4	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 900	90.8	95.3	96.7	97.0	97.2	97.2	97.5	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	90.8	95.3	96.7	97.0	97.2	97.2	97.5	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	90.8	95.3	96.7	97.0	97.2	97.2	97.5	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	90.8	95.6	97.0	97.3	97.5	97.5	97.8	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	90.9	95.7	97.2	97.5	97.8	97.8	98.2	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	90.9	95.7	97.2	97.5	97.8	97.8	98.3	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	91.0	95.8	97.5	97.8	98.4	98.4	98.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	91.0	95.8	97.5	97.8	98.4	98.4	98.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.0	95.8	97.5	97.8	98.4	98.4	98.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	91.0	95.8	97.5	97.8	98.4	98.4	98.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
GE 20000	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
GE 18000	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
GE 16000	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
GE 14000	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
GE 12000	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
GE 10000	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
GE 9000	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 8000	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 7000	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 6000	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 5000	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 4500	76.2	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 4000	79.6	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 3500	83.4	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3000	86.9	88.6	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 2500	88.0	90.1	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 2000	89.0	91.2	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1800	89.1	91.3	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1500	90.8	93.1	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1200	91.9	94.6	95.6	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1000	92.3	95.1	96.2	96.8	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 900	92.4	95.2	96.3	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 800	92.6	95.8	97.0	97.5	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 700	92.9	96.2	97.6	98.3	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 600	93.0	96.8	98.2	98.8	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	93.2	97.0	98.6	99.2	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	93.2	97.0	98.6	99.2	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	93.2	97.0	98.6	99.2	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	93.2	97.0	98.6	99.2	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.2	97.0	98.6	99.2	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	93.2	97.0	98.6	99.2	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
GE 20000	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
GE 18000	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
GE 16000	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
GE 14000	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
GE 12000	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
GE 10000	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 9000	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 8000	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 7000	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 6000	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 5000	76.0	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 4500	81.4	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 4000	84.0	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 3500	87.2	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 3000	89.4	91.7	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2500	89.9	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 2000	91.0	93.4	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1800	91.2	93.8	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1500	93.7	96.7	97.0	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1200	94.4	97.5	97.8	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	94.8	98.2	98.5	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	95.1	98.4	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	95.2	98.5	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	95.3	98.6	98.9	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	95.3	98.7	99.0	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	95.3	98.7	99.0	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.3	98.7	99.0	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.3	98.7	99.0	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.3	98.7	99.0	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.3	98.7	99.0	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	95.3	98.7	99.0	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 20000	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
GE 18000	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
GE 16000	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 14000	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 12000	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 10000	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 9000	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 8000	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 7000	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 6000	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 5000	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 4500	84.6	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 4000	88.5	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 3500	90.5	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 3000	92.7	95.1	95.3	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2500	93.7	96.3	96.4	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2000	94.5	97.2	97.3	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1800	94.5	97.2	97.3	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1500	95.7	98.4	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	95.7	98.4	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	96.0	98.7	98.8	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	96.0	98.7	98.8	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	96.0	98.7	98.8	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	96.0	98.7	98.8	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	96.0	98.7	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	96.0	98.7	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.0	98.7	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.0	98.7	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.0	98.7	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.0	98.7	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	96.0	98.7	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 7C272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0
NO CEIL	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
GE 20000	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
GE 18000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 16000	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 14000	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 12000	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 10000	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 9000	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 8000	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 7000	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 6000	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 5000	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 4500	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4000	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 3500	91.3	92.1	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 3000	93.7	95.0	95.1	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 2500	94.4	95.7	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000	95.4	96.7	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1800	95.7	97.0	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1500	96.5	98.1	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	96.7	98.4	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	96.8	98.5	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	96.8	98.5	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	96.8	98.5	98.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	96.8	98.5	98.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	96.8	98.7	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	96.8	98.7	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.8	98.7	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.8	98.7	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.8	98.7	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.8	98.7	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	96.8	98.7	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
GE 20000	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
GE 18000	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 16000	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
GE 14000	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
GE 12000	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 10000	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 9000	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 8000	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 7000	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 6000	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 5000	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 4500	85.0	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 4000	88.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 3500	90.2	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 3000	91.7	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 2500	93.2	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2000	94.4	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1800	94.7	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1500	95.4	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1200	95.5	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	95.7	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	95.7	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 800	95.7	97.8	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	95.7	98.2	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	95.9	98.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	95.9	98.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	95.9	98.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	96.0	98.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.0	98.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.0	98.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	96.0	98.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	23.8	23.8	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
GE 20000	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
GE 18000	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
GE 16000	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
GE 14000	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
GE 12000	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
GE 10000	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 9000	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 8000	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 7000	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 6000	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 5000	75.8	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 4500	81.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2
GE 4000	84.1	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 3500	86.7	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 3000	89.4	91.8	92.1	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 2500	90.7	93.3	93.6	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 2000	91.7	94.3	94.8	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1800	91.8	94.5	95.0	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1500	93.1	96.1	96.6	96.8	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1200	93.6	96.7	97.3	97.5	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1000	93.8	97.1	97.7	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
GE 900	93.9	97.2	97.8	98.1	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
GE 800	93.9	97.3	98.0	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	94.0	97.4	98.2	98.4	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	94.1	97.7	98.5	98.7	99.0	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	94.1	97.8	98.7	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	94.2	97.9	98.8	99.1	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
GE 300	94.2	98.0	98.9	99.2	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	94.2	98.0	98.9	99.3	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.2	98.0	98.9	99.3	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	94.2	98.0	98.9	99.3	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7431

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	35.7	35.9	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.1	36.1
GE 20000	37.2	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.6	37.6
GE 18000	38.1	38.3	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.5	38.5
GE 16000	38.3	38.5	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.7	38.7
GE 14000	38.9	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.4	39.4
GE 12000	40.8	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.2
GE 10000	44.4	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.8	44.8
GE 9000	46.5	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.9	46.9
GE 8000	53.9	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3
GE 7000	58.5	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1
GE 6000	64.2	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8
GE 5000	74.3	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6
GE 4500	80.1	81.4	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8
GE 4000	84.2	86.2	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.9	86.9
GE 3500	87.2	90.2	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.9	90.9
GE 3000	89.8	93.4	93.7	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.1	94.1
GE 2500	90.8	94.8	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.5	95.5
GE 2000	92.5	96.8	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.4	97.4
GE 1800	92.6	97.0	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6
GE 1500	92.7	97.5	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3
GE 1200	92.7	97.5	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3
GE 1000	92.7	97.6	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5
GE 900	92.8	97.8	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7
GE 800	92.8	97.8	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7
GE 700	92.8	97.8	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7
GE 600	92.8	97.8	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7
GE 500	93.0	98.1	98.5	98.7	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1
GE 400	93.0	98.1	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.6	99.6
GE 300	93.0	98.2	98.8	99.0	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8
GE 200	93.0	98.2	98.8	99.0	99.4	99.5	99.5	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9
GE 100	93.0	98.2	98.8	99.0	99.4	99.5	99.5	99.5	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0
GE 0	93.0	98.2	98.8	99.0	99.4	99.5	99.5	99.5	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.9	33.1	33.1	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.3	33.3	33.3	33.3
GE 20000	34.6	34.8	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	35.1	35.1	35.1	35.1
GE 18000	35.8	36.0	36.0	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.2	36.2	36.2	36.2
GE 16000	35.8	36.0	36.0	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.2	36.2	36.2	36.2
GE 14000	36.7	36.9	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1
GE 12000	38.8	39.0	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.2	39.2	39.2	39.2
GE 10000	42.4	42.6	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.8	42.8	42.8	42.8
GE 9000	44.2	44.4	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.6	44.6	44.6	44.6
GE 8000	49.5	49.9	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.1	50.1	50.1	50.1
GE 7000	55.2	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8
GE 6000	61.1	61.8	61.8	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0
GE 5000	71.1	72.2	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6
GE 4500	76.3	77.5	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1
GE 4000	82.6	84.8	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.5	85.5	85.5	85.5
GE 3500	84.3	87.0	87.2	87.3	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.7
GE 3000	86.6	89.8	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.8	90.8	90.8	90.8
GE 2500	88.2	91.9	92.4	92.6	92.9	92.9	92.9	93.0	93.0	93.2	93.2	93.2	93.3	93.3	93.3	93.3
GE 2000	90.2	94.5	94.9	95.2	95.5	95.5	95.5	95.6	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9
GE 1800	90.2	94.6	95.1	95.3	95.6	95.6	95.6	95.7	95.7	95.9	95.9	95.9	96.0	96.0	96.0	96.0
GE 1500	90.8	95.5	95.9	96.1	96.5	96.5	96.5	96.6	96.6	96.8	96.8	96.8	96.9	96.9	96.9	96.9
GE 1200	90.8	95.7	96.1	96.3	96.7	96.7	96.7	96.8	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.1
GE 1000	91.0	96.1	96.6	96.8	97.1	97.1	97.1	97.2	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5
GE 900	91.2	96.3	96.8	97.0	97.3	97.3	97.3	97.4	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7
GE 800	91.2	96.3	96.8	97.0	97.3	97.3	97.3	97.4	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7
GE 700	91.3	96.5	96.9	97.1	97.4	97.4	97.4	97.5	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8
GE 600	91.4	96.7	97.1	97.3	97.6	97.6	97.6	97.7	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1
GE 500	91.4	97.1	97.5	97.7	98.2	98.2	98.2	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 400	91.4	97.1	97.5	97.7	98.3	98.3	98.3	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 300	91.4	97.1	97.5	97.8	98.4	98.4	98.4	99.0	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.7
GE 200	91.4	97.1	97.6	98.0	98.5	98.5	98.5	99.1	99.2	99.5	99.6	99.6	99.8	99.8	99.9	100.0
GE 100	91.4	97.1	97.6	98.0	98.5	98.5	98.5	99.1	99.2	99.5	99.6	99.6	99.8	99.8	99.9	100.0
GE 0	91.4	97.1	97.6	98.0	98.5	98.5	98.5	99.1	99.2	99.5	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.4	28.7	28.7	28.7	28.9	28.9	28.9	28.9	28.9	29.0	29.0	29.0	29.0	29.1	29.1	29.2
GE 20000	31.7	32.0	32.0	32.0	32.3	32.3	32.3	32.3	32.3	32.4	32.4	32.4	32.4	32.5	32.5	32.6
GE 18000	33.1	33.4	33.4	33.4	33.7	33.7	33.7	33.7	33.7	33.8	33.8	33.8	33.8	33.9	33.9	34.0
GE 16000	33.3	33.7	33.7	33.7	33.9	33.9	33.9	33.9	33.9	34.0	34.0	34.0	34.0	34.1	34.1	34.2
GE 14000	34.4	34.7	34.8	34.8	35.1	35.1	35.1	35.1	35.1	35.2	35.2	35.2	35.2	35.3	35.3	35.4
GE 12000	36.7	37.0	37.1	37.1	37.3	37.3	37.3	37.3	37.3	37.4	37.4	37.4	37.4	37.5	37.5	37.6
GE 10000	41.0	41.3	41.4	41.4	41.6	41.6	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.8	41.8	41.9
GE 9000	42.5	42.8	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.3	43.3	43.4
GE 8000	50.3	50.8	50.9	50.9	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.3	51.3	51.4
GE 7000	57.1	57.5	57.6	57.6	57.8	57.8	57.8	57.8	57.8	58.0	58.0	58.0	58.0	58.1	58.1	58.2
GE 6000	61.8	62.3	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.8	62.8	62.9
GE 5000	70.6	72.2	72.7	72.7	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.1	73.1	73.2
GE 4500	75.5	77.5	78.1	78.2	78.5	78.5	78.5	78.6	78.6	78.7	78.7	78.7	78.8	78.9	78.9	79.0
GE 4000	80.8	82.9	83.4	83.5	83.9	83.9	83.9	84.0	84.0	84.1	84.1	84.1	84.2	84.3	84.3	84.4
GE 3500	82.6	84.7	85.3	85.4	85.7	85.7	85.7	85.8	85.8	85.9	85.9	85.9	86.0	86.1	86.1	86.2
GE 3000	84.4	86.8	87.3	87.4	87.8	87.8	87.8	88.0	88.0	88.1	88.1	88.1	88.2	88.3	88.3	88.4
GE 2500	86.1	89.1	89.7	89.8	90.3	90.3	90.3	90.4	90.4	90.5	90.5	90.5	90.6	90.8	90.8	90.9
GE 2000	88.3	91.4	91.9	92.0	92.6	92.6	92.6	92.7	92.7	92.8	92.8	92.8	92.9	93.0	93.0	93.1
GE 1800	88.4	91.6	92.2	92.3	92.8	92.8	92.8	92.9	92.9	93.0	93.0	93.0	93.1	93.2	93.2	93.3
GE 1500	89.1	92.5	93.0	93.1	94.0	94.0	94.0	94.1	94.1	94.2	94.2	94.2	94.3	94.4	94.4	94.5
GE 1200	89.7	93.0	93.5	93.7	94.6	94.6	94.6	94.7	94.7	94.8	94.8	94.8	94.9	95.1	95.1	95.2
GE 1000	90.0	93.5	94.1	94.2	95.2	95.2	95.2	95.3	95.3	95.4	95.4	95.4	95.5	95.6	95.6	95.7
GE 900	90.1	93.7	94.2	94.3	95.3	95.3	95.3	95.4	95.4	95.5	95.5	95.5	95.6	95.7	95.7	95.8
GE 800	90.2	94.1	94.6	94.7	95.7	95.7	95.8	95.9	95.9	96.0	96.0	96.0	96.1	96.2	96.2	96.3
GE 700	90.4	94.4	94.9	95.1	96.1	96.1	96.2	96.3	96.3	96.5	96.5	96.5	96.6	96.7	96.7	96.8
GE 600	90.5	94.8	95.4	95.5	96.6	96.6	96.7	96.9	96.9	97.0	97.0	97.0	97.1	97.2	97.2	97.3
GE 500	90.8	95.1	95.6	95.7	97.0	97.0	97.1	97.3	97.3	97.4	97.5	97.5	97.7	97.8	97.8	98.1
GE 400	90.9	95.4	95.9	96.0	97.3	97.3	97.4	98.1	98.1	98.3	98.5	98.6	98.8	98.9	98.9	99.1
GE 300	90.9	95.4	95.9	96.1	97.4	97.4	97.5	98.3	98.3	98.5	98.8	98.9	99.1	99.2	99.2	99.5
GE 200	90.9	95.4	96.1	96.3	97.6	97.6	97.8	98.7	98.7	98.9	99.2	99.5	99.7	99.8	99.8	100.0
GE 100	90.9	95.4	96.1	96.3	97.6	97.6	97.8	98.7	98.7	98.9	99.2	99.5	99.7	99.8	99.8	100.0
GE 0	90.9	95.4	96.1	96.3	97.6	97.6	97.8	98.7	98.7	98.9	99.2	99.5	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.2	31.4	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
GE 20000	34.2	34.4	34.5	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 18000	36.1	36.3	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 16000	36.5	36.7	36.8	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 14000	37.1	37.3	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 12000	39.8	40.0	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 10000	43.3	43.5	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 9000	45.6	45.8	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 8000	53.9	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 7000	61.0	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 6000	64.6	64.9	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 5000	74.5	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 4500	78.7	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 4000	82.2	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 3500	84.4	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 3000	86.3	88.5	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 2500	86.7	88.8	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2000	87.5	90.1	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1800	88.0	90.5	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1500	88.5	91.4	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1200	89.4	92.4	92.6	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1000	90.6	94.0	94.5	94.7	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 900	90.9	94.3	94.8	95.1	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 800	91.3	95.2	95.7	95.9	96.3	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 700	91.8	95.8	96.6	96.8	97.2	97.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 600	91.9	96.0	96.8	97.0	97.4	97.4	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 500	92.3	96.5	97.3	97.5	98.1	98.1	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	92.4	97.0	98.0	98.2	98.7	98.7	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	92.4	97.1	98.1	98.3	98.8	98.8	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.4	97.1	98.1	98.3	98.8	98.8	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.4	97.1	98.1	98.3	98.8	98.8	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	92.4	97.1	98.1	98.3	98.8	98.8	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	33.1	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 20000	36.6	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 18000	38.8	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 16000	39.0	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 14000	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 12000	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 10000	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 9000	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 8000	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 7000	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 6000	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 5000	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 4500	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 4000	84.6	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 3500	86.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 3000	88.1	89.9	90.0	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 2500	88.9	90.8	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 2000	89.7	91.9	92.2	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1800	89.8	92.2	92.4	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1500	90.4	93.0	93.2	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1200	92.2	95.3	95.5	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1000	92.8	96.6	96.8	96.9	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	93.2	97.1	97.3	97.4	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	93.5	97.6	97.8	98.0	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	93.9	98.0	98.2	98.3	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	93.9	98.0	98.3	98.4	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	93.9	98.1	98.5	98.6	99.0	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	94.0	98.2	98.6	98.7	99.2	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	94.0	98.3	98.7	98.8	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.0	98.3	98.7	98.8	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.0	98.3	98.7	98.8	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	94.0	98.3	98.7	98.8	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0
NO CEIL	32.3	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 20000	35.7	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 18000	38.5	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 16000	38.6	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 14000	40.0	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 12000	41.8	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 10000	46.5	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 9000	50.1	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 8000	59.5	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 7000	66.2	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 6000	72.0	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 5000	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 4500	86.2	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 4000	89.1	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 3500	90.4	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 3000	91.8	93.0	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 2500	92.3	93.7	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2000	92.8	94.4	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1800	92.8	94.4	94.6	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1500	94.2	95.8	96.1	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1200	95.2	97.3	97.6	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	95.6	98.0	98.4	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	95.6	98.0	98.4	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	95.7	98.3	98.7	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	95.8	98.4	98.8	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	95.8	98.4	98.8	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	96.0	98.8	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	96.0	98.8	99.2	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.0	98.8	99.2	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.0	98.8	99.2	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.0	98.8	99.2	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	96.0	98.8	99.2	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-84
MONTH: AUG HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0
NO CEIL	37.1	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE 25000	36.3	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 18000	39.6	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 16000	39.9	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 14000	41.3	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 12000	43.7	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 10000	48.0	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 9000	50.1	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 8000	58.5	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 7000	67.7	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 6000	74.7	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 5000	85.4	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 4500	88.1	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 4000	91.8	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 3500	92.7	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 3000	94.1	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2500	95.7	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2000	96.5	97.3	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	96.5	97.3	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1600	96.6	97.6	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	96.6	98.0	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	96.7	98.4	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	96.8	98.5	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	96.9	98.8	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	96.9	98.8	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	96.9	98.8	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	96.9	98.8	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	96.9	98.8	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	96.9	98.8	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.9	98.8	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.9	98.8	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	96.9	98.8	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	33.8	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 20000	35.5	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 18000	36.9	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 16000	37.3	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 14000	38.7	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 12000	40.4	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 10000	45.2	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 9000	47.6	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 8000	56.2	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 7000	62.9	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 6000	70.2	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 5000	81.9	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 4500	85.8	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 4000	89.4	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 3500	90.3	92.0	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 3000	93.0	94.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2500	94.0	96.2	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2200	94.5	97.0	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1800	94.5	97.1	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1500	94.6	97.7	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1200	94.8	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	94.8	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	94.8	98.0	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	94.9	98.2	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	94.9	98.2	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	94.9	98.2	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	94.9	98.2	98.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	94.9	98.2	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	94.9	98.2	98.9	99.4	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.9	98.2	98.9	99.4	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.9	98.2	98.9	99.4	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	94.9	98.2	98.9	99.4	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.6	32.8	32.8	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	33.0	33.0	33.0
GE 20000	35.2	35.5	35.5	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.7
GE 18000	37.1	37.3	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 16000	37.3	37.6	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.8	37.8
GE 14000	38.4	38.6	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 12000	40.5	40.8	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	41.0
GE 10000	44.8	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.2
GE 9000	47.2	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 8000	55.1	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.6
GE 7000	61.7	62.0	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 6000	67.3	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.0
GE 5000	77.1	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2
GE 4500	81.3	82.3	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4000	85.6	86.9	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.4
GE 3500	87.3	88.9	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 3000	89.3	91.4	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0
GE 2500	90.3	92.7	93.1	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5
GE 2000	91.5	94.2	94.5	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0
GE 1800	91.6	94.3	94.7	94.8	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2
GE 1500	92.1	95.1	95.5	95.7	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1200	92.6	95.9	96.3	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
GE 1000	93.0	96.5	97.0	97.1	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.7
GE 900	93.2	96.7	97.2	97.3	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9
GE 800	93.3	97.0	97.5	97.7	98.1	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	93.5	97.2	97.7	97.9	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6
GE 600	93.5	97.3	97.8	98.0	98.4	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	93.6	97.6	98.1	98.3	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 400	93.7	97.7	98.3	98.5	99.0	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 300	93.7	97.7	98.3	98.6	99.1	99.1	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9
GE 200	93.7	97.7	98.4	98.6	99.2	99.2	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0
GE 100	93.7	97.7	98.4	98.6	99.2	99.2	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0
GE 0	93.7	97.7	98.4	98.6	99.2	99.2	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	36.1	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 20000	37.9	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 18000	39.6	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 16000	39.6	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 14000	40.1	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 12000	41.4	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 10000	43.7	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 9000	47.1	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 8000	54.3	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 7000	60.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 6000	65.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 5000	73.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 4500	79.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 4000	83.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 3500	84.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1
GE 3000	87.9	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6
GE 2500	88.7	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7
GE 2000	89.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0
GE 1800	89.4	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6
GE 1500	89.9	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7
GE 1200	89.9	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8
GE 1000	89.9	95.2	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0
GE 900	90.2	95.7	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4
GE 800	90.3	96.1	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9
GE 700	90.3	96.1	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9
GE 600	90.4	96.2	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1
GE 500	91.0	96.8	97.1	97.4	97.6	97.6	97.6	97.7	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1
GE 400	91.1	97.3	97.8	98.1	98.3	98.3	98.3	98.4	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	91.1	97.7	98.1	98.6	98.9	98.9	98.9	99.0	99.0	99.1	99.4	99.4	99.4	99.4	99.6	99.7
GE 200	91.1	97.9	98.3	98.8	99.1	99.1	99.1	99.2	99.2	99.3	99.7	99.7	99.7	99.7	99.8	99.9
GE 100	91.1	97.9	98.3	98.8	99.1	99.1	99.1	99.2	99.2	99.3	99.7	99.7	99.7	99.7	99.8	99.9
GE 0	91.1	97.9	98.3	98.8	99.1	99.1	99.1	99.2	99.2	99.4	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	36.6	37.0	37.1	37.1	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.3
GE 20000	38.1	38.6	38.7	38.7	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.9
GE 16000	39.3	39.8	39.9	39.9	39.9	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.1
GE 15000	39.3	39.8	39.9	39.9	39.9	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.1
GE 14000	40.2	40.7	40.8	40.8	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	41.0
GE 12000	42.1	42.6	42.7	42.7	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.9
GE 10000	44.3	44.9	45.0	45.0	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.2
GE 9000	47.1	47.7	47.8	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.0	
GE 8000	55.0	55.8	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1
GE 7000	61.1	61.9	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2
GE 6000	66.1	66.9	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2
GE 5000	75.1	76.0	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3
GE 4500	79.6	79.7	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0
GE 4000	82.2	84.4	84.6	84.6	84.7	84.7	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.1
GE 3500	83.1	85.6	85.8	85.8	85.9	85.9	86.0	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.4
GE 3000	85.2	88.3	88.6	88.6	88.7	88.7	88.8	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.2
GE 2500	86.8	90.4	90.7	90.7	90.8	90.8	90.9	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.3
GE 2000	87.8	91.8	92.1	92.1	92.2	92.2	92.3	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.8
GE 1800	88.1	92.6	92.9	92.9	93.0	93.0	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.6
GE 1500	88.8	93.6	93.9	94.1	94.2	94.2	94.3	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.9
GE 1200	88.8	93.6	93.9	94.2	94.3	94.3	94.4	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.0
GE 1000	89.1	94.2	94.7	95.0	95.2	95.2	95.3	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.9
GE 900	89.3	94.4	94.9	95.2	95.4	95.4	95.6	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.1
GE 800	89.4	94.8	95.3	95.7	95.9	95.9	96.0	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.6
GE 700	89.4	95.0	95.6	95.9	96.1	96.1	96.2	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.8
GE 600	90.0	95.6	96.1	96.4	96.7	96.7	96.8	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.3
GE 500	90.1	95.9	96.6	96.9	97.2	97.2	97.3	97.7	97.7	97.8	97.8	97.8	98.1	98.1	98.1	98.2
GE 400	90.4	96.6	97.2	97.6	97.9	97.9	98.0	98.3	98.3	98.4	98.4	98.4	98.8	98.8	98.8	98.9
GE 300	90.6	97.1	97.8	98.1	98.4	98.4	98.6	98.9	98.9	99.1	99.1	99.1	99.6	99.6	99.6	99.8
GE 200	90.7	97.2	97.9	98.2	98.6	98.6	98.7	99.0	99.0	99.2	99.2	99.2	99.7	99.7	99.7	100.0
GE 100	90.7	97.2	97.9	98.2	98.6	98.6	98.7	99.0	99.0	99.2	99.2	99.2	99.7	99.7	99.7	100.0
GE 0	90.7	97.2	97.9	98.2	98.6	98.6	98.7	99.0	99.0	99.2	99.2	99.2	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.1	28.1	28.1	28.1	28.1	28.1	28.1
GE 20000	30.8	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	31.0	31.0	31.0	31.0	31.0	31.1	31.1
GE 18000	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.6	32.6
GE 16000	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.9	32.9	32.9	32.9	32.9	33.0	33.0
GE 14000	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.6	35.6	35.6	35.6	35.6	35.7	35.7
GE 12000	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.9	36.9	36.9	36.9	36.9	37.0	37.0
GE 10000	40.4	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.8	40.8
GE 9000	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.9	44.9	44.9	44.9	44.9	45.0	45.0
GE 8000	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9	52.0	52.0	52.1	52.2
GE 7000	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.1	60.1	60.2	60.3
GE 6000	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.6	64.6	64.7	64.8
GE 5000	74.6	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.6	75.6	75.7	75.8
GE 4500	78.6	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.1	80.2
GE 4000	82.1	83.9	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.6	84.6	84.6	84.7	84.7	84.8	85.0
GE 3500	83.0	84.9	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.2	86.2	86.3	86.6
GE 3000	85.2	87.4	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.8	88.8	88.9	89.1
GE 2500	86.0	88.4	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.9	90.1
GE 2000	87.2	90.2	91.2	91.2	91.4	91.4	91.4	91.4	91.6	91.7	91.8	91.8	91.9	91.9	92.0	92.2
GE 1800	87.3	90.6	91.6	91.6	91.8	91.8	91.8	91.8	91.9	92.0	92.1	92.1	92.2	92.2	92.3	92.6
GE 1500	87.8	91.3	92.3	92.6	92.9	93.0	93.0	93.1	93.2	93.3	93.4	93.4	93.6	93.6	93.7	93.9
GE 1200	87.9	91.6	92.6	93.0	93.4	93.6	93.6	93.7	93.8	93.9	94.0	94.0	94.1	94.1	94.2	94.4
GE 1000	88.3	92.1	93.2	93.7	94.2	94.3	94.3	94.4	94.6	94.7	94.8	94.8	94.9	94.9	95.0	95.2
GE 900	88.7	92.4	93.6	94.0	94.6	94.7	94.7	94.8	94.9	95.0	95.1	95.1	95.2	95.2	95.3	95.6
GE 800	88.7	92.4	93.7	94.1	94.7	94.8	94.8	95.0	95.1	95.2	95.3	95.3	95.4	95.4	95.6	95.8
GE 700	88.7	92.7	93.9	94.4	95.0	95.1	95.1	95.4	95.6	95.7	95.9	95.9	96.0	96.0	96.1	96.3
GE 600	89.1	93.1	94.3	94.9	95.4	95.6	95.6	95.9	96.0	96.1	96.3	96.3	96.6	96.6	96.7	97.0
GE 500	89.1	93.3	94.6	95.1	95.8	95.9	95.9	96.2	96.3	96.4	96.7	96.7	97.0	97.1	97.2	97.6
GE 400	89.2	93.4	94.9	95.6	96.2	96.3	96.3	96.7	96.8	96.9	97.1	97.1	97.4	97.6	97.8	98.1
GE 300	89.4	93.8	95.4	96.1	96.8	96.9	97.1	97.4	97.6	97.8	98.0	98.0	98.6	98.7	99.0	99.3
GE 200	89.4	93.8	95.6	96.2	96.9	97.0	97.2	97.7	97.8	98.1	98.3	98.3	98.9	99.0	99.3	99.7
GE 100	89.4	93.8	95.6	96.2	96.9	97.0	97.2	97.7	97.8	98.1	98.3	98.3	99.0	99.1	99.4	99.9
GE 0	89.4	93.8	95.6	96.2	96.9	97.0	97.2	97.7	97.8	98.1	98.3	98.3	99.0	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.6	32.9	33.0	33.0	33.0	33.0	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.2
GE 20000	34.8	35.2	35.3	35.3	35.3	35.3	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.6
GE 18000	37.1	37.6	37.7	37.7	37.7	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.9
GE 16000	37.2	37.7	37.8	37.8	37.8	37.8	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	38.0
GE 14000	39.4	39.9	40.0	40.0	40.0	40.0	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.2
GE 12000	42.1	42.6	42.7	42.7	42.7	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.9
GE 10000	45.8	46.2	46.3	46.3	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.6
GE 9000	50.7	51.1	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.4	51.6
GE 8000	57.8	58.2	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.6	58.7
GE 7000	63.8	64.2	64.3	64.3	64.4	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.8
GE 6000	69.0	69.8	69.9	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.3
GE 5000	76.1	77.3	77.4	77.4	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.9
GE 4500	81.7	83.1	83.4	83.6	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	84.0
GE 4000	85.2	86.9	87.3	87.4	87.7	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.2
GE 3500	86.4	88.1	88.6	88.7	88.9	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.4
GE 3000	87.9	89.6	90.2	90.3	90.6	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.1
GE 2500	89.0	90.9	91.6	91.7	91.9	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.4
GE 2000	89.6	91.9	92.6	92.7	92.9	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.4
GE 1800	89.7	92.0	92.7	92.8	93.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.6
GE 1500	90.4	93.4	94.1	94.2	94.4	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.9	94.9	95.0	95.1
GE 1200	90.6	93.8	94.6	94.7	95.0	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.6	95.7
GE 1000	91.2	94.4	95.3	95.4	95.8	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.3	96.4
GE 900	91.2	94.4	95.3	95.4	95.8	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.3	96.4
GE 800	91.4	94.7	95.6	95.7	96.1	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.6	96.6	96.7	96.8
GE 700	91.4	94.8	95.7	95.8	96.3	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.9	97.0
GE 600	91.6	95.0	95.9	96.0	96.6	96.6	96.8	96.9	96.9	96.9	97.0	97.0	97.1	97.1	97.2	97.3
GE 500	91.9	95.3	96.3	96.4	97.2	97.2	97.4	97.6	97.6	97.7	97.9	97.9	98.0	98.0	98.1	98.2
GE 400	92.1	95.7	96.7	96.8	97.6	97.6	97.8	98.0	98.0	98.2	98.4	98.4	98.7	98.7	98.8	98.9
GE 300	92.1	95.8	96.9	97.1	97.9	97.9	98.3	98.6	98.6	98.8	99.0	99.1	99.3	99.4	99.6	99.7
GE 200	92.1	95.8	97.0	97.2	98.0	98.0	98.4	98.8	98.8	99.0	99.2	99.3	99.6	99.7	99.9	100.0
GE 100	92.1	95.8	97.0	97.2	98.0	98.0	98.4	98.8	98.8	99.0	99.2	99.3	99.6	99.7	99.9	100.0
GE 0	92.1	95.8	97.0	97.2	98.0	98.0	98.4	98.8	98.8	99.0	99.2	99.3	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0
NO CEIL	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 20000	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 18000	39.4	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 16000	39.7	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 14000	41.8	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 12000	44.6	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 10000	49.2	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 9000	52.0	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 8000	59.9	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 7000	66.6	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 6000	71.2	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 5000	79.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 4500	85.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4000	89.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 3500	90.7	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 3000	92.2	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 2500	92.6	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 2000	92.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1800	93.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GF 1500	93.3	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GF 1200	93.7	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GF 1000	93.7	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 900	93.7	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 800	94.0	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	94.1	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	94.3	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	94.7	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GF 400	94.7	99.0	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GF 300	94.7	99.0	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GF 200	94.7	99.0	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GF 100	94.7	99.0	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	94.7	99.0	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	34.0	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 20000	37.7	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
GE 18000	39.1	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
GE 16000	39.1	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
GE 14000	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 12000	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 10000	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 9000	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 8000	59.1	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 7000	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 6000	71.2	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 5000	80.8	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 4500	85.3	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 4000	89.8	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 3500	90.9	92.3	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 3000	92.6	94.4	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 2500	93.1	95.4	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000	93.4	95.9	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1800	93.4	95.9	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1500	94.2	96.7	97.1	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1200	94.4	97.0	97.6	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	94.4	97.1	97.7	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 900	94.7	97.3	97.9	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 800	94.8	97.4	98.1	98.3	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	95.0	97.9	98.6	98.8	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	95.0	97.9	98.6	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	95.0	97.9	98.6	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	95.0	97.9	98.6	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.0	97.9	98.6	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.0	97.9	98.6	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.0	97.9	98.6	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	95.0	97.9	98.6	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE 25000	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
GE 18000	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 16000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 14000	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 12000	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 10000	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 9000	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 8000	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 7000	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 6000	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 5000	83.6	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 4500	87.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 4000	91.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 3500	91.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 3000	92.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 2500	93.0	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2200	93.8	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1800	93.9	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1500	94.0	97.3	97.4	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1200	94.0	97.4	97.7	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	94.2	97.7	98.0	98.1	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	94.6	98.1	98.4	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	94.6	98.1	98.6	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	94.7	98.2	98.7	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	95.1	98.8	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	95.1	98.8	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	95.1	98.8	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	95.1	98.8	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	95.1	98.8	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	95.1	98.8	99.2	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	95.1	98.8	99.2	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	
GE 20000	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 18000	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 16000	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 14000	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 12000	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 10000	46.6	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 9000	49.2	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 8000	55.6	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 7000	63.2	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 6000	65.9	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 5000	76.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 4500	83.4	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 4000	87.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 3500	89.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 3000	91.0	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 2500	91.2	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2000	92.3	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1800	92.3	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1500	92.6	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1200	92.7	96.6	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1000	92.8	96.7	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 900	93.0	97.1	97.3	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 800	93.1	97.3	97.6	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	93.4	97.8	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	93.4	97.9	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	93.8	98.4	98.7	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	93.9	98.7	98.9	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	93.9	98.8	99.0	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	93.9	98.8	99.0	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.9	98.8	99.0	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	93.9	98.8	99.0	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	34.0	34.3	34.3	34.3	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
GE 20000	36.8	37.1	37.1	37.1	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 18000	38.4	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.9
GE 16000	38.6	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 14000	39.9	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 12000	41.8	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.3
GE 10000	45.6	46.0	46.0	46.0	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 9000	48.8	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.4
GE 8000	56.3	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9
GE 7000	63.6	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 6000	68.1	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8
GE 5000	77.5	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8
GE 4500	82.5	83.9	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2
GE 4000	86.4	88.3	88.5	88.5	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8
GE 3500	87.6	89.6	89.9	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2
GE 3000	89.3	91.7	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.4
GE 2500	90.0	92.8	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5
GE 2000	90.8	94.0	94.3	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.8
GE 1800	90.9	94.3	94.6	94.7	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0
GE 1500	91.4	95.1	95.5	95.6	95.7	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.1
GE 1200	91.5	95.3	95.8	96.0	96.1	96.2	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.5
GE 1000	91.7	95.6	96.2	96.4	96.6	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	97.0
GE 900	91.9	95.9	96.4	96.7	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
GE 800	92.0	96.1	96.7	96.9	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.6
GE 700	92.1	96.3	96.9	97.2	97.4	97.5	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.9
GE 600	92.4	96.6	97.2	97.5	97.8	97.8	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.2	98.2
GE 500	92.6	96.9	97.5	97.9	98.2	98.3	98.3	98.5	98.5	98.5	98.6	98.6	98.7	98.8	98.8	98.8
GE 400	92.7	97.2	97.8	98.2	98.6	98.7	98.7	98.9	98.9	99.0	99.1	99.1	99.2	99.2	99.3	99.3
GE 300	92.7	97.3	98.0	98.5	98.9	98.9	99.0	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.7	99.8
GE 200	92.8	97.4	98.1	98.5	98.9	99.0	99.1	99.3	99.3	99.4	99.5	99.6	99.7	99.7	99.8	99.9
GE 100	92.8	97.4	98.1	98.5	98.9	99.0	99.1	99.3	99.3	99.4	99.6	99.6	99.7	99.8	99.8	100.0
GE 0	92.8	97.4	98.1	98.5	98.9	99.0	99.1	99.3	99.3	99.4	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	34.1	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.7	34.7	34.7	34.8
GE 20000	35.8	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.5	36.5	36.5	36.6
GE 18000	37.5	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.2	38.2	38.2	38.3
GE 16000	37.7	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.4	38.4	38.4	38.5
GE 14000	38.0	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.6	38.6	38.6	38.7
GE 12000	39.0	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.7	39.7	39.7	39.8
GE 10000	41.6	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.4	42.4	42.4	42.5
GE 9000	42.8	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.5	43.5	43.5	43.7
GE 8000	47.5	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.3	48.3	48.3	48.4
GE 7000	52.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.0	53.0	53.0	53.1
GE 6000	56.2	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.1
GE 5000	64.0	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.5
GE 4500	68.8	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5	70.5	70.6	70.6	70.6	70.9
GE 4000	73.0	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.6	75.6	75.6	75.8
GE 3500	74.0	76.1	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.6	76.6	76.7	76.7	76.7	76.9
GE 3000	76.2	78.8	79.2	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.7	79.7	79.8	79.8	79.8	80.0
GE 2500	77.8	81.4	81.9	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.4	82.4	82.5	82.5	82.5	82.7
GE 2000	78.4	82.3	82.9	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.4	83.4	83.4	83.7
GE 1800	78.7	82.8	83.5	83.8	83.8	83.8	83.8	83.9	83.9	83.9	84.0	84.0	84.1	84.1	84.1	84.3
GE 1500	79.1	83.7	84.9	85.2	85.2	85.2	85.2	85.3	85.3	85.4	85.5	85.5	85.6	85.6	85.6	85.8
GE 1200	79.4	84.4	85.7	85.9	85.9	85.9	85.9	86.0	86.0	86.1	86.2	86.2	86.3	86.5	86.5	86.7
GE 1000	79.8	84.9	86.2	86.5	86.6	86.6	86.6	86.7	86.7	86.8	86.9	86.9	87.0	87.1	87.1	87.3
GE 900	80.0	85.3	86.6	86.8	86.9	86.9	86.9	87.0	87.0	87.1	87.2	87.2	87.3	87.4	87.4	87.6
GE 800	80.3	85.7	87.1	87.3	87.4	87.4	87.4	87.5	87.5	87.6	87.7	87.7	87.8	88.0	88.0	88.2
GE 700	80.5	86.2	87.8	88.2	88.3	88.3	88.3	88.4	88.4	88.5	88.6	88.6	88.7	88.8	88.8	89.0
GE 600	80.9	87.3	89.2	90.0	90.1	90.1	90.2	90.4	90.4	90.6	91.0	91.0	91.2	91.3	91.3	91.5
GE 500	81.4	88.8	91.2	92.0	92.4	92.4	92.7	93.0	93.0	93.3	93.7	93.7	94.2	94.4	94.4	94.6
GE 400	82.2	90.4	92.8	93.7	94.4	94.5	94.9	95.3	95.3	95.6	96.0	96.0	96.6	96.9	96.9	97.3
GE 300	82.3	91.3	93.7	94.5	95.6	95.7	96.2	96.6	96.6	96.9	97.5	97.5	98.3	98.7	98.8	99.2
GE 200	82.4	91.4	93.9	94.7	95.8	95.9	96.5	96.8	96.8	97.1	97.7	97.7	98.5	98.9	99.0	99.7
GE 100	82.4	91.4	93.9	94.7	95.8	95.9	96.5	96.8	96.8	97.1	97.7	97.7	98.5	98.9	99.0	100.0
GE 0	82.4	91.4	93.9	94.7	95.8	95.9	96.5	96.8	96.8	97.1	97.7	97.7	98.5	98.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.5	32.0	32.0	32.2	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.5	32.6	32.6	32.7
GE 25000	33.2	33.8	33.9	34.0	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.3	34.4	34.4	34.5
GE 18000	34.2	34.7	34.8	34.9	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.3	35.4	35.4	35.5
GE 16000	34.3	34.8	34.9	35.1	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.4	35.5	35.5	35.6
GE 14000	34.7	35.3	35.4	35.5	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.8	35.9	35.9	36.0
GE 12000	36.1	36.7	36.8	36.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.2	37.3	37.3	37.4
GE 10000	40.9	41.4	41.5	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.9	42.0	42.0	42.2
GE 9000	42.8	43.3	43.4	43.5	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.9	44.0	44.0	44.1
GE 8000	48.3	48.8	48.9	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.4	49.5	49.6	49.6	49.7
GE 7000	52.7	53.2	53.3	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.9	54.0	54.0	54.1
GE 6000	56.5	57.0	57.1	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.6	57.7	57.7	57.8
GE 5000	63.7	64.6	64.7	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.3	65.4	65.4	65.5
GE 4500	67.4	68.6	68.8	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.4	69.5	69.5	69.6
GE 4000	70.8	72.8	73.0	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.5	73.7	73.7	73.8
GE 3500	72.4	74.7	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.6	75.7	75.7	75.8
GE 3000	73.8	76.6	76.9	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.6	77.7	77.7	77.8
GE 2500	75.6	79.0	79.4	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.3	80.4	80.4	80.5
GE 2200	76.8	81.5	82.0	82.5	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.2	83.3	83.4	83.4	83.5
GE 1800	77.6	82.5	83.0	83.4	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.2	84.3	84.4	84.4	84.5
GE 1500	78.1	83.5	84.3	84.7	85.3	85.3	85.3	85.5	85.5	85.8	85.8	85.9	86.0	86.1	86.1	86.2
GE 1200	78.9	84.6	85.4	85.8	86.5	86.5	86.6	86.9	86.9	87.2	87.2	87.3	87.4	87.5	87.5	87.6
GE 1000	79.1	84.9	85.9	86.3	87.0	87.0	87.1	87.4	87.4	87.7	87.7	87.8	88.0	88.1	88.1	88.2
GE 900	79.6	85.4	86.3	86.8	87.4	87.4	87.6	88.0	88.0	88.3	88.3	88.4	88.5	88.6	88.6	88.7
GE 800	80.2	86.0	87.0	87.4	88.1	88.1	88.3	88.7	88.7	89.0	89.0	89.1	89.4	89.5	89.5	89.6
GE 700	80.6	86.9	87.8	88.3	88.9	88.9	89.1	89.7	89.7	90.0	90.2	90.3	90.5	90.6	90.6	90.8
GE 600	81.1	88.2	89.4	89.8	90.8	90.8	91.0	91.5	91.5	91.9	92.2	92.3	92.6	92.7	92.7	92.8
GE 500	81.6	89.5	90.8	91.2	92.9	92.9	93.1	93.9	93.9	94.5	95.1	95.2	95.5	95.6	95.8	96.2
GE 400	81.9	90.6	92.2	92.6	94.3	94.3	94.5	95.3	95.3	95.9	96.7	96.8	97.2	97.3	97.7	98.3
GE 300	82.3	91.6	93.2	93.7	95.4	95.4	95.6	96.3	96.3	97.1	98.0	98.1	98.6	98.7	99.2	99.8
GE 200	82.3	91.6	93.3	93.8	95.5	95.5	95.7	96.5	96.5	97.2	98.1	98.2	98.7	98.8	99.4	99.9
GE 100	82.3	91.6	93.3	93.8	95.5	95.5	95.7	96.5	96.5	97.2	98.1	98.2	98.7	98.8	99.4	100.0
GE 0	82.3	91.6	93.3	93.8	95.5	95.5	95.7	96.5	96.5	97.2	98.1	98.2	98.7	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.3	27.6	27.8	27.8	28.1	28.1	28.3	28.3	28.3	28.3	28.5	28.5	28.7	28.7	28.9	28.9
GE 20000	29.0	29.4	29.7	29.7	29.9	29.9	30.1	30.1	30.1	30.1	30.3	30.3	30.5	30.5	30.8	30.8
GE 18000	29.9	30.2	30.5	30.5	30.8	30.8	31.0	31.0	31.0	31.0	31.2	31.2	31.4	31.4	31.6	31.6
GE 16000	30.2	30.5	30.9	30.9	31.1	31.1	31.3	31.3	31.3	31.3	31.5	31.5	31.7	31.7	31.9	31.9
GE 14000	30.3	30.6	31.0	31.0	31.2	31.2	31.4	31.4	31.4	31.4	31.6	31.6	31.8	31.8	32.0	32.0
GE 12000	31.7	32.0	32.4	32.4	32.6	32.6	32.8	32.8	32.8	32.8	33.0	33.0	33.2	33.2	33.4	33.4
GE 10000	36.5	36.8	37.1	37.1	37.3	37.3	37.5	37.5	37.5	37.5	37.7	37.7	38.0	38.0	38.3	38.3
GE 9000	38.7	39.0	39.4	39.4	39.6	39.6	39.8	39.8	39.8	39.8	40.0	40.0	40.2	40.2	40.5	40.5
GE 8000	45.9	46.2	46.6	46.6	46.8	46.8	47.0	47.0	47.0	47.0	47.2	47.2	47.4	47.4	47.7	47.7
GE 7000	51.5	51.8	52.2	52.2	52.4	52.4	52.6	52.6	52.6	52.6	52.8	52.8	53.0	53.0	53.3	53.3
GE 6000	56.3	56.7	57.0	57.0	57.2	57.2	57.4	57.4	57.4	57.4	57.6	57.6	57.8	57.8	58.2	58.2
GE 5000	62.9	63.3	63.7	63.7	63.9	63.9	64.1	64.1	64.1	64.1	64.4	64.4	64.6	64.6	64.9	64.9
GE 4500	65.6	66.0	66.3	66.3	66.6	66.6	66.8	66.8	66.8	66.8	67.1	67.1	67.3	67.3	67.7	67.7
GE 4000	69.7	71.2	71.5	71.5	71.7	71.7	71.9	72.0	72.0	72.0	72.4	72.4	72.6	72.6	73.0	73.0
GE 3500	72.2	73.8	74.1	74.1	74.3	74.3	74.5	74.6	74.6	74.6	74.9	74.9	75.2	75.2	75.6	75.6
GE 3000	73.5	75.5	75.9	75.9	76.2	76.2	76.5	76.6	76.6	76.6	76.9	76.9	77.1	77.1	77.5	77.5
GE 2500	75.5	78.0	78.7	78.7	79.1	79.1	79.4	79.5	79.6	79.6	79.9	79.9	80.1	80.1	80.5	80.5
GE 2200	76.6	79.8	80.9	81.0	81.5	81.5	81.7	81.8	81.9	81.9	82.3	82.3	82.5	82.5	82.9	82.9
GE 2000	76.8	80.2	81.3	81.4	82.0	82.0	82.3	82.4	82.6	82.6	82.9	82.9	83.1	83.1	83.5	83.5
GE 1800	79.4	81.9	83.1	83.2	84.0	84.0	84.3	84.4	84.6	84.7	85.1	85.1	85.3	85.3	85.7	85.7
GE 1200	78.9	82.8	84.0	84.1	84.9	84.9	85.5	85.8	86.0	86.1	86.5	86.5	86.8	86.8	87.2	87.2
GE 1000	79.0	83.1	84.3	84.4	85.5	85.5	86.0	86.3	86.6	86.7	87.0	87.0	87.3	87.3	87.7	87.7
GE 900	79.2	83.5	84.8	84.9	86.0	86.0	86.6	86.9	87.2	87.3	87.6	87.6	88.0	88.0	88.4	88.4
GE 800	79.8	84.1	85.4	85.5	86.6	86.6	87.1	87.5	87.8	88.0	88.4	88.4	88.7	88.7	89.1	89.1
GE 700	80.2	84.6	85.9	86.0	87.1	87.2	87.8	88.3	88.6	88.8	89.2	89.2	89.6	89.6	90.0	90.2
GE 600	80.5	85.6	86.9	87.2	88.5	88.6	89.2	89.7	90.0	90.2	90.6	90.8	91.1	91.1	91.5	91.7
GE 500	81.5	86.9	88.5	88.8	90.2	90.3	91.0	91.7	92.2	92.4	93.0	93.1	93.7	93.7	94.3	94.7
GE 400	81.8	88.3	90.2	90.5	91.9	92.2	92.9	93.9	94.5	94.7	95.6	95.7	96.6	96.6	97.2	97.6
GE 300	81.9	88.5	90.6	91.1	92.7	93.0	93.9	95.3	96.0	96.5	97.4	97.5	98.5	98.5	99.1	99.6
GE 200	81.9	88.6	90.8	91.2	92.8	93.1	94.0	95.5	96.3	96.8	97.7	97.8	98.8	98.8	99.5	100.0
GE 100	81.9	88.6	90.8	91.2	92.9	93.1	94.0	95.5	96.3	96.8	97.7	97.8	98.8	98.8	99.5	100.0
GE 0	81.9	88.6	90.8	91.2	92.9	93.1	94.0	95.5	96.3	96.8	97.7	97.8	98.8	98.8	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	26.8	27.2	27.3	27.3	27.4	27.4	27.4	27.4	27.4	27.5	27.5	27.5	27.5	27.6	27.6	27.6
GE 20000	28.6	29.0	29.1	29.1	29.2	29.2	29.2	29.2	29.2	29.4	29.4	29.4	29.4	29.5	29.5	29.5
GE 18000	29.5	30.0	30.1	30.1	30.2	30.2	30.2	30.2	30.2	30.3	30.3	30.3	30.3	30.4	30.5	30.5
GE 16000	29.6	30.1	30.2	30.2	30.3	30.3	30.3	30.3	30.3	30.4	30.4	30.4	30.4	30.5	30.6	30.6
GE 14000	30.4	31.0	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.3	31.3	31.3	31.3	31.4	31.5	31.5
GE 12000	33.0	33.5	33.7	33.7	33.8	33.8	33.8	33.8	33.8	33.9	33.9	33.9	33.9	34.0	34.1	34.1
GE 10000	38.0	38.5	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.8	38.8	38.8	38.8	38.9	39.0	39.0
GE 9000	40.5	41.1	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.4	41.4	41.4	41.4	41.5	41.6	41.6
GE 8000	48.7	49.2	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.7	49.8	49.8
GE 7000	54.8	55.4	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.9	56.0	56.0
GE 6000	58.4	58.9	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.4	59.4	59.4	59.4	59.5	59.6	59.6
GE 5000	67.3	68.1	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.7	68.8	68.9
GE 4500	70.0	71.2	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.8	71.9	72.0
GE 4000	73.5	74.9	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.6	75.7	75.8
GE 3500	75.7	77.4	77.7	77.7	77.8	77.8	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.1	78.2	78.3
GE 3000	77.0	79.1	79.7	79.7	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.1	80.2	80.3
GE 2500	78.0	80.4	81.0	81.0	81.2	81.2	81.2	81.3	81.4	81.5	81.6	81.6	81.6	81.7	81.8	81.9
GE 2000	78.5	81.1	81.8	81.8	82.0	82.0	82.2	82.3	82.4	82.5	82.6	82.6	82.6	82.7	82.8	82.9
GE 1800	78.5	81.1	81.8	81.8	82.0	82.0	82.2	82.3	82.4	82.5	82.6	82.6	82.6	82.7	82.8	82.9
GE 1500	79.4	82.6	83.4	83.4	83.7	83.7	83.8	83.9	84.0	84.1	84.2	84.2	84.2	84.3	84.4	84.5
GE 1200	80.1	83.5	84.4	84.4	84.8	84.8	84.9	85.3	85.4	85.6	85.8	85.8	85.8	85.9	86.0	86.1
GE 1000	80.4	84.0	84.9	84.9	85.4	85.4	85.5	85.9	86.0	86.2	86.6	86.6	86.6	86.7	86.8	86.9
GE 900	81.1	84.6	85.6	85.6	86.0	86.0	86.2	86.7	86.9	87.2	87.6	87.6	87.7	87.8	88.0	88.1
GE 800	81.5	85.2	86.1	86.1	86.6	86.6	86.8	87.3	87.5	88.0	88.4	88.4	88.5	88.6	88.8	89.0
GE 700	81.7	85.4	86.3	86.5	86.9	86.9	87.3	88.0	88.2	88.7	89.1	89.1	89.2	89.4	89.6	89.8
GE 600	82.0	85.8	87.0	87.1	87.7	87.8	88.5	89.2	89.9	90.6	91.3	91.3	91.4	91.5	91.8	92.0
GE 500	82.6	86.8	88.1	88.3	89.1	89.2	90.1	90.9	91.5	92.4	93.1	93.1	93.2	93.5	94.0	94.3
GE 400	83.5	88.5	90.1	90.5	91.6	91.7	92.9	93.8	94.7	95.8	96.7	96.7	96.9	97.3	97.7	98.1
GE 300	83.5	88.5	90.1	90.5	91.8	91.9	93.3	94.5	95.6	96.7	97.6	97.6	98.0	98.4	99.0	99.4
GE 200	83.5	88.6	90.2	90.6	91.9	92.0	93.4	94.6	95.7	97.0	98.0	98.0	98.3	98.7	99.5	99.9
GE 100	83.5	88.6	90.2	90.6	91.9	92.0	93.4	94.6	95.7	97.0	98.0	98.0	98.3	98.7	99.5	100.0
GE 0	83.5	88.6	90.2	90.6	91.9	92.0	93.4	94.6	95.7	97.0	98.0	98.0	98.3	98.7	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.2	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
GE 20000	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
GE 18000	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 16000	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 14000	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
GE 12000	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 10000	40.6	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 9000	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 8000	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 7000	58.7	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 6000	62.4	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 5000	71.9	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 4500	74.5	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 4000	78.4	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 3500	79.8	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 3000	81.0	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2500	82.2	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.4	84.4	84.4	84.4
GE 2000	83.0	85.3	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	86.0	86.0	86.2	86.2	86.2	86.2
GE 1800	83.2	85.5	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.2	86.2	86.5	86.5	86.5	86.5
GE 1500	83.9	86.6	87.3	87.4	87.6	87.6	87.6	87.6	87.7	87.7	87.8	87.8	88.1	88.1	88.1	88.1
GE 1200	84.3	87.0	88.1	88.2	88.4	88.4	88.5	88.5	88.6	88.6	88.8	88.8	89.0	89.0	89.0	89.0
GE 1000	85.2	88.1	89.2	89.5	89.9	89.9	90.0	90.1	90.2	90.2	90.4	90.4	90.6	90.6	90.6	90.6
GE 900	85.6	88.5	89.7	89.9	90.3	90.3	90.6	90.8	90.9	90.9	91.1	91.1	91.3	91.3	91.3	91.3
GE 800	85.9	88.8	90.0	90.3	90.8	90.8	91.3	91.4	91.5	91.5	91.7	91.7	92.0	92.0	92.0	92.4
GE 700	86.3	89.2	90.5	90.9	91.4	91.4	92.0	92.3	92.4	92.4	92.8	92.8	93.1	93.1	93.1	93.4
GE 600	86.9	89.9	91.5	91.8	92.5	92.5	93.1	93.4	93.5	93.7	94.4	94.4	94.7	94.7	94.7	95.1
GE 500	87.3	90.8	92.7	93.1	94.0	94.1	94.7	95.3	95.4	95.7	96.6	96.6	96.9	97.0	97.0	97.3
GE 400	87.3	91.2	93.1	93.7	94.6	94.7	95.4	96.0	96.3	96.9	98.0	98.0	98.3	98.4	98.4	98.7
GE 300	87.5	91.6	93.5	94.1	95.1	95.2	96.0	96.7	97.1	98.0	99.1	99.1	99.5	99.6	99.6	99.9
GE 200	87.5	91.6	93.5	94.1	95.1	95.2	96.0	96.7	97.1	98.0	99.2	99.2	99.6	99.7	99.7	100.0
GE 100	87.5	91.6	93.5	94.1	95.1	95.2	96.0	96.7	97.1	98.0	99.2	99.2	99.6	99.7	99.7	100.0
GE 0	87.5	91.6	93.5	94.1	95.1	95.2	96.0	96.7	97.1	98.0	99.2	99.2	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
GE 20000	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
GE 18000	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 16000	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 14000	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 12000	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 10000	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 9000	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 8000	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 7000	57.5	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 6000	63.8	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 5000	72.0	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 4500	75.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 4000	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1
GE 3500	80.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9
GE 3000	81.2	83.1	83.2	83.2	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7
GE 2500	82.5	84.4	84.5	84.5	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9
GE 2200	84.2	86.6	86.7	86.7	86.9	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2
GE 1800	84.3	86.7	86.8	86.8	87.0	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3
GE 1500	84.9	87.7	87.8	88.0	88.2	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.8	88.9	88.9	88.9
GE 1200	86.1	89.4	89.6	89.7	90.1	90.3	90.4	90.6	90.6	90.8	90.8	90.8	91.0	91.1	91.1	91.1
GE 1000	86.6	89.8	90.2	90.4	91.0	91.2	91.4	91.6	91.6	91.8	91.8	91.8	92.0	92.2	92.2	92.2
GE 900	86.7	90.0	90.4	90.6	91.2	91.4	91.7	91.9	91.9	92.2	92.2	92.2	92.4	92.5	92.5	92.5
GE 800	86.9	90.4	91.1	91.3	91.8	92.0	92.5	92.7	92.7	93.0	93.0	93.0	93.2	93.3	93.5	93.7
GE 700	87.2	90.8	91.4	91.6	92.3	92.5	92.9	93.3	93.3	93.7	93.8	93.9	94.1	94.2	94.4	94.5
GE 600	87.4	91.2	91.8	92.4	93.1	93.3	93.9	94.4	94.4	94.7	94.8	95.1	95.3	95.4	95.6	95.7
GE 500	88.2	92.2	93.3	93.9	94.7	94.9	95.5	96.2	96.3	96.8	97.1	97.3	97.6	97.7	98.1	98.2
GE 400	88.5	92.9	94.2	94.7	95.7	95.9	96.6	97.3	97.4	97.8	98.2	98.4	98.7	98.8	99.1	99.2
GE 300	88.9	93.3	94.6	95.2	96.1	96.3	97.0	97.7	97.8	98.3	98.6	98.8	99.2	99.4	99.8	99.9
GE 200	88.9	93.3	94.6	95.2	96.1	96.3	97.1	97.8	98.0	98.4	98.7	98.9	99.4	99.5	99.9	100.0
GE 100	88.9	93.3	94.6	95.2	96.1	96.3	97.1	97.8	98.0	98.4	98.7	98.9	99.4	99.5	99.9	100.0
GE 0	88.9	93.3	94.6	95.2	96.1	96.3	97.1	97.8	98.0	98.4	98.7	98.9	99.4	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.6	28.7
GE 20000	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.5	30.6
GE 18000	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.2	32.3
GE 16000	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.3	32.4
GE 14000	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.8	32.9
GE 12000	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.2	34.3
GE 10000	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.4	37.5
GE 9000	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.8	39.9
GE 8000	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.6	47.7
GE 7000	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.9
GE 6000	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.7
GE 5000	67.7	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.5
GE 4500	72.6	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.3
GE 4000	76.7	77.5	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.3	78.4
GE 3500	78.3	79.5	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.2	80.3
GE 3000	79.6	81.1	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.9	81.9	82.0	82.2
GE 2500	79.9	81.4	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.4	82.4	82.5	82.6
GE 2000	81.5	83.5	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.7	84.7	84.8	84.9
GE 1800	81.7	83.9	84.4	84.8	84.8	84.8	84.8	84.6	84.8	84.8	84.9	84.9	85.1	85.1	85.2	85.3
GE 1500	82.3	85.1	85.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.3	86.3	86.5	86.6
GE 1200	82.9	85.9	86.7	87.1	87.1	87.1	87.2	87.4	87.4	87.4	87.5	87.5	87.6	87.6	87.7	87.8
GE 1000	83.0	86.1	86.9	87.3	87.3	87.3	87.6	88.0	88.0	88.0	88.1	88.1	88.2	88.2	88.3	88.4
GE 900	83.3	86.7	87.5	88.0	88.0	88.0	88.4	88.9	89.0	89.0	89.2	89.2	89.5	89.5	89.6	89.7
GE 800	83.7	87.1	88.1	88.5	88.6	88.6	89.1	89.7	89.8	90.0	90.3	90.3	90.5	90.8	90.9	91.0
GE 700	84.0	87.5	88.5	88.9	89.2	89.2	89.9	90.4	90.5	90.9	91.1	91.1	91.3	91.5	91.6	91.7
GE 600	84.6	88.9	89.9	90.3	90.9	91.0	91.6	92.3	92.4	92.6	92.9	92.9	93.1	93.4	93.5	93.7
GE 500	85.4	90.8	91.8	92.4	93.0	93.1	93.9	94.6	94.8	95.1	95.5	95.6	96.0	96.3	96.5	96.6
GE 400	86.2	92.0	93.3	94.0	94.8	95.1	95.9	96.7	96.9	97.1	97.5	97.6	98.1	98.4	98.5	98.7
GE 300	86.6	92.4	93.8	94.4	95.3	95.5	96.3	97.1	97.3	97.5	98.2	98.3	98.7	99.0	99.2	99.8
GE 200	86.6	92.6	94.0	94.6	95.5	95.7	96.6	97.3	97.5	97.7	98.4	98.5	98.9	99.2	99.5	100.0
GE 100	86.6	92.6	94.0	94.6	95.5	95.7	96.6	97.3	97.5	97.7	98.4	98.5	98.9	99.2	99.5	100.0
GE 0	86.6	92.6	94.0	94.6	95.5	95.7	96.6	97.3	97.5	97.7	98.4	98.5	98.9	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.5	32.0	32.2	32.2	32.2	32.2	32.2	32.3	32.3	32.3	32.4	32.4	32.4	32.4	32.8	32.9
GE 20000	34.1	34.6	34.7	34.7	34.7	34.7	34.7	34.8	34.8	34.8	34.9	34.9	34.9	34.9	35.4	35.5
GE 18000	35.3	35.8	35.9	35.9	35.9	35.9	35.9	36.0	36.0	36.0	36.1	36.1	36.1	36.1	36.6	36.7
GE 16000	35.7	36.2	36.3	36.3	36.3	36.3	36.3	36.5	36.5	36.5	36.6	36.6	36.6	36.6	37.0	37.1
GE 14000	35.8	36.3	36.5	36.5	36.5	36.5	36.5	36.6	36.6	36.6	36.7	36.7	36.7	36.7	37.1	37.2
GE 12000	37.0	37.5	37.6	37.6	37.6	37.6	37.6	37.7	37.7	37.7	37.8	37.8	37.8	37.8	38.3	38.4
GE 10000	40.3	40.9	41.0	41.0	41.0	41.0	41.0	41.1	41.1	41.1	41.2	41.2	41.2	41.2	41.6	41.7
GE 9000	40.9	41.4	41.5	41.5	41.5	41.5	41.5	41.6	41.6	41.6	41.7	41.7	41.7	41.7	42.2	42.3
GE 8000	45.9	46.5	46.6	46.6	46.6	46.6	46.6	46.7	46.7	46.7	46.8	46.8	46.8	46.8	47.2	47.3
GE 7000	50.3	51.1	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.8	51.9
GE 6000	55.8	56.6	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.9	56.9	56.9	56.9	57.3	57.4
GE 5000	65.7	66.6	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.9	66.9	66.9	66.9	67.3	67.4
GE 4500	68.8	69.9	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70.3	70.8	70.9
GE 4000	73.4	74.8	74.9	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.2	75.2	75.2	75.3	75.7	75.8
GE 3500	75.4	77.1	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.5	77.5	77.5	77.6	78.1	78.2
GE 3000	76.7	79.0	79.2	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.6	79.6	79.6	79.7	80.1	80.2
GE 2500	77.4	79.9	80.1	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.6	80.6	80.6	80.8	81.2	81.3
GE 2000	79.3	81.5	82.0	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.6	82.6	82.6	82.7	83.1	83.2
GE 1800	78.5	81.7	82.3	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.9	83.3	83.4
GE 1500	79.6	82.9	83.5	83.8	83.9	83.9	84.2	84.3	84.3	84.5	84.6	84.6	84.6	84.7	85.2	85.3
GE 1200	79.9	83.9	84.5	84.8	84.9	84.9	85.4	85.5	85.5	85.7	85.8	85.8	85.8	85.9	86.3	86.5
GE 1000	80.3	84.5	85.5	85.9	86.0	86.0	86.5	86.6	86.6	86.8	86.9	86.9	86.9	87.0	87.4	87.5
GE 900	80.3	84.5	85.5	85.9	86.0	86.0	86.5	86.6	86.6	86.8	86.9	86.9	86.9	87.0	87.4	87.5
GE 800	81.0	85.4	86.5	86.9	87.2	87.2	87.6	87.7	87.7	88.1	88.2	88.2	88.3	88.4	88.8	88.9
GE 700	81.4	85.8	86.9	87.3	87.6	87.6	88.1	88.2	88.2	88.5	88.6	88.6	88.7	88.8	89.2	89.4
GE 600	81.7	86.7	87.8	88.3	88.8	88.8	89.6	89.8	89.8	90.2	90.3	90.3	90.4	90.5	91.0	91.1
GE 500	82.0	87.5	89.1	89.7	90.2	90.2	91.2	91.5	91.5	92.3	92.6	92.6	92.9	93.2	93.8	93.9
GE 400	83.4	89.9	91.8	92.6	93.4	93.5	94.6	95.1	95.1	95.8	96.3	96.3	96.7	97.0	97.6	97.8
GE 300	83.7	90.2	92.3	93.0	94.0	94.1	95.2	95.7	95.8	96.9	97.5	97.5	97.8	98.2	98.8	99.4
GE 200	83.7	90.2	92.4	93.1	94.1	94.2	95.3	95.8	96.0	97.1	97.8	97.8	98.2	98.6	99.2	100.0
GE 100	83.7	90.2	92.4	93.1	94.1	94.2	95.3	95.8	96.0	97.1	97.8	97.8	98.2	98.6	99.2	100.0
GE 0	83.7	90.2	92.4	93.1	94.1	94.2	95.3	95.8	96.0	97.1	97.8	97.8	98.2	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.2	29.6	29.7	29.7	29.7	29.7	29.8	29.8	29.8	29.8	29.8	29.8	29.9	29.9	30.0	30.1
GE 20000	31.5	31.8	31.9	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.1	32.1	32.1	32.1	32.2	32.3
GE 18000	32.8	33.1	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.4	33.4	33.5	33.6
GE 16000	32.9	33.3	33.3	33.3	33.4	33.4	33.4	33.5	33.5	33.5	33.5	33.5	33.6	33.6	33.7	33.8
GE 14000	33.5	33.8	33.9	33.9	34.0	34.0	34.0	34.0	34.0	34.1	34.1	34.1	34.2	34.2	34.3	34.3
GE 12000	35.3	35.6	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.9	35.9	36.0	36.1
GE 10000	39.3	39.7	39.8	39.8	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9	40.0	40.0	40.1	40.2
GE 9000	41.5	41.8	41.9	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.1	42.1	42.1	42.1	42.3	42.3
GE 8000	47.9	48.3	48.4	48.4	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.6	48.6	48.8	48.8
GE 7000	53.9	54.4	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.8	54.9	54.9
GE 6000	59.6	59.1	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.6	59.6
GE 5000	66.9	67.6	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.1	68.1	68.2	68.3
GE 4500	70.3	71.3	71.4	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.8	71.9	72.0
GE 4000	74.3	75.7	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.2	76.3	76.4	76.5
GE 3500	76.0	77.6	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.2	78.2	78.4	78.5
GE 3000	77.4	79.4	79.7	79.9	80.0	80.0	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.3	80.4	80.5
GE 2500	78.6	81.0	81.4	81.6	81.7	81.7	81.8	81.8	81.9	81.9	82.0	82.0	82.1	82.2	82.3	82.4
GE 2000	79.7	82.7	83.3	83.5	83.6	83.6	83.7	83.8	83.8	83.8	84.0	84.0	84.1	84.1	84.2	84.3
GE 1800	79.9	83.0	83.6	83.8	84.0	84.0	84.1	84.2	84.2	84.2	84.3	84.4	84.4	84.5	84.6	84.7
GE 1500	80.7	84.2	85.0	85.2	85.5	85.5	85.6	85.7	85.8	85.9	86.0	86.0	86.1	86.2	86.3	86.4
GE 1200	81.3	85.2	86.0	86.3	86.6	86.6	86.8	87.0	87.1	87.2	87.3	87.3	87.5	87.5	87.7	87.8
GE 1000	81.7	85.7	86.7	86.9	87.3	87.4	87.6	87.8	87.9	88.0	88.2	88.2	88.3	88.4	88.5	88.6
GE 900	82.0	86.1	87.1	87.3	87.7	87.8	88.1	88.3	88.4	88.6	88.8	88.8	88.9	89.0	89.1	89.2
GE 800	82.4	86.6	87.6	87.9	88.4	88.4	88.8	89.1	89.2	89.4	89.6	89.6	89.8	89.9	90.1	90.2
GE 700	82.8	87.1	88.2	88.5	89.0	89.0	89.4	89.8	89.9	90.2	90.4	90.5	90.7	90.8	90.9	91.1
GE 600	83.1	87.9	89.2	89.6	90.3	90.4	90.9	91.3	91.5	91.8	92.2	92.2	92.5	92.6	92.8	92.9
GE 500	83.8	89.1	90.7	91.2	92.1	92.2	92.8	93.4	93.6	94.0	94.6	94.6	95.0	95.2	95.5	95.7
GE 400	84.4	90.5	92.2	92.8	93.9	94.0	94.7	95.4	95.7	96.2	96.9	96.9	97.4	97.6	97.9	98.2
GE 300	84.6	90.9	92.7	93.3	94.5	94.6	95.4	96.2	96.6	97.2	98.0	98.1	98.6	98.8	99.2	99.6
GE 200	84.6	91.0	92.8	93.4	94.6	94.7	95.6	96.4	96.7	97.4	98.2	98.3	98.8	99.0	99.4	99.9
GE 100	84.6	91.0	92.8	93.4	94.6	94.7	95.6	96.4	96.7	97.4	98.2	98.3	98.8	99.0	99.4	100.0
GE 0	84.6	91.0	92.8	93.4	94.6	94.7	95.6	96.4	96.7	97.4	98.2	98.3	98.8	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.8	32.6	32.8	32.9	33.2	33.2	33.4	33.4	33.4	33.6	33.6	33.6	33.8	34.0	34.8	35.0
GE 20000	32.9	33.7	33.9	34.0	34.3	34.3	34.6	34.6	34.6	34.7	34.7	34.7	34.9	35.1	35.9	36.1
GE 18000	35.0	35.9	36.1	36.2	36.6	36.6	36.8	36.8	36.8	36.9	36.9	36.9	37.1	37.3	38.1	38.3
GE 16000	35.1	36.0	36.2	36.3	36.7	36.7	36.9	36.9	36.9	37.0	37.0	37.0	37.2	37.4	38.2	38.4
GE 14000	36.7	37.6	37.8	37.9	38.2	38.2	38.4	38.4	38.4	38.6	38.6	38.6	38.8	39.0	39.8	40.0
GE 12000	39.3	40.2	40.4	40.6	40.9	40.9	41.1	41.1	41.1	41.2	41.2	41.2	41.4	41.7	42.4	42.7
GE 10000	43.8	45.2	45.4	45.6	45.9	45.9	46.1	46.1	46.1	46.2	46.2	46.2	46.4	46.7	47.4	47.7
GE 9000	45.0	46.4	46.7	46.8	47.1	47.1	47.3	47.3	47.3	47.4	47.4	47.4	47.7	47.9	48.7	48.9
GE 8000	50.8	52.2	52.4	52.6	52.9	52.9	53.1	53.1	53.1	53.2	53.2	53.2	53.4	53.7	54.4	54.7
GE 7000	55.7	57.4	57.7	57.8	58.1	58.1	58.3	58.3	58.3	58.4	58.4	58.4	58.7	58.9	59.7	59.9
GE 6000	58.6	60.6	60.8	60.9	61.2	61.2	61.4	61.4	61.4	61.6	61.6	61.6	61.8	62.0	62.8	63.0
GE 5000	63.8	66.0	66.2	66.3	66.7	66.7	66.9	66.9	66.9	67.0	67.0	67.0	67.2	67.4	68.2	68.4
GE 4500	66.9	69.2	69.6	69.7	70.0	70.0	70.2	70.2	70.2	70.3	70.3	70.3	70.6	70.8	71.6	71.8
GE 4000	70.2	73.2	73.8	73.9	74.2	74.2	74.4	74.4	74.4	74.6	74.6	74.6	74.8	75.0	75.8	76.0
GE 3500	72.3	75.4	76.0	76.1	76.4	76.4	76.7	76.7	76.7	76.8	76.8	76.8	77.0	77.2	78.0	78.2
GE 3000	75.1	78.9	79.6	79.7	80.1	80.1	80.4	80.4	80.4	80.6	80.6	80.6	80.8	81.0	81.8	82.0
GE 2500	76.0	80.1	80.8	80.9	81.3	81.3	81.7	81.7	81.7	81.8	81.8	81.8	82.0	82.2	83.0	83.2
GE 2000	76.8	82.0	82.9	83.2	83.7	83.7	84.0	84.0	84.0	84.1	84.1	84.1	84.3	84.6	85.3	85.6
GE 1800	76.9	82.1	83.0	83.4	83.9	83.9	84.2	84.2	84.2	84.3	84.3	84.3	84.6	84.8	85.6	85.8
GE 1500	77.7	83.1	84.2	84.7	85.1	85.1	85.4	85.6	85.6	85.7	85.7	85.7	86.0	86.2	87.0	87.2
GE 1200	78.2	83.8	85.0	85.4	85.9	85.9	86.2	86.3	86.3	86.6	86.6	86.6	86.9	87.1	87.9	88.1
GE 1000	78.2	83.9	85.2	85.7	86.1	86.1	86.4	86.6	86.6	86.8	86.9	86.9	87.2	87.4	88.2	88.4
GE 900	78.3	84.0	85.3	85.8	86.2	86.2	86.6	86.7	86.7	86.9	87.0	87.1	87.4	87.7	88.4	88.7
GE 800	78.6	84.4	86.1	86.6	87.0	87.2	87.6	87.7	87.7	87.9	88.0	88.1	88.4	88.7	89.4	89.7
GE 700	78.8	84.9	86.6	87.0	87.4	87.8	88.1	88.2	88.3	88.6	88.7	88.8	89.1	89.3	90.1	90.3
GE 600	79.0	85.2	86.9	87.4	87.9	88.2	88.7	88.8	88.9	89.1	89.2	89.3	89.7	89.9	90.7	90.9
GE 500	79.1	85.4	87.1	87.7	88.4	88.9	89.8	90.1	90.3	90.7	90.8	90.9	91.3	91.6	92.4	92.7
GE 400	79.1	85.6	87.8	88.4	89.3	89.8	90.9	91.6	91.8	92.1	92.7	92.8	93.6	93.9	95.0	95.3
GE 300	79.3	86.6	89.0	89.7	90.7	91.1	92.2	93.2	93.4	93.9	94.4	94.6	95.3	95.7	97.2	97.7
GE 200	79.3	86.8	89.2	89.9	91.1	91.6	92.8	93.8	94.0	94.6	95.6	95.7	96.9	97.3	99.1	99.9
GE 100	79.3	86.8	89.2	89.9	91.1	91.6	92.8	93.8	94.0	94.6	95.6	95.7	96.9	97.3	99.1	99.9
GE 0	79.3	86.8	89.2	89.9	91.1	91.6	92.8	93.8	94.0	94.6	95.6	95.7	96.9	97.3	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.8	30.4	30.7	30.8	31.1	31.3	31.4	31.4	31.4	31.8	31.8	31.9	32.2	32.3	33.2	33.4
GE 25000	30.8	31.4	31.7	31.8	32.1	32.3	32.4	32.4	32.4	32.8	32.8	32.9	33.2	33.3	34.2	34.4
GE 18000	32.0	32.9	33.1	33.2	33.6	33.8	33.9	33.9	33.9	34.2	34.2	34.3	34.7	34.8	35.7	35.9
GE 16000	32.1	33.0	33.2	33.3	33.7	33.9	34.0	34.0	34.0	34.3	34.3	34.4	34.8	34.9	35.8	36.0
GE 14000	33.1	34.0	34.2	34.3	34.7	34.9	35.0	35.0	35.0	35.3	35.3	35.4	35.8	35.9	36.8	37.0
GE 12000	34.9	35.8	36.0	36.1	36.4	36.7	36.8	36.8	36.8	37.1	37.1	37.2	37.6	37.7	38.6	38.8
GE 10000	39.1	40.2	40.4	40.6	40.9	41.1	41.2	41.2	41.2	41.6	41.6	41.7	42.0	42.1	43.0	43.2
GE 9000	41.1	41.2	41.4	41.6	41.9	42.1	42.2	42.2	42.2	42.6	42.6	42.7	43.0	43.1	44.0	44.2
GE 8000	45.2	46.4	46.7	46.8	47.1	47.3	47.4	47.4	47.4	47.8	47.8	47.9	48.2	48.3	49.3	49.6
GE 7000	49.9	51.3	51.6	51.7	52.0	52.2	52.3	52.3	52.3	52.7	52.7	52.8	53.1	53.2	54.2	54.4
GE 6000	52.1	53.7	53.9	54.0	54.3	54.6	54.7	54.7	54.7	55.0	55.0	55.1	55.4	55.6	56.6	56.8
GE 5000	58.0	60.3	60.6	60.7	61.0	61.2	61.3	61.3	61.3	61.7	61.7	61.8	62.1	62.2	63.2	63.4
GE 4500	62.0	64.4	64.7	64.8	65.1	65.3	65.4	65.4	65.4	65.8	65.8	65.9	66.2	66.3	67.3	67.6
GE 4000	67.0	70.3	70.6	70.7	71.0	71.2	71.3	71.3	71.3	71.7	71.7	71.8	72.1	72.2	73.2	73.4
GE 3500	68.6	71.9	72.1	72.2	72.6	72.8	72.9	72.9	72.9	73.2	73.2	73.3	73.7	73.8	74.8	75.0
GE 3000	72.2	75.9	76.3	76.4	76.8	77.0	77.1	77.1	77.1	77.4	77.4	77.6	77.9	78.0	79.0	79.2
GE 2500	73.4	77.2	77.8	77.9	78.2	78.4	78.7	78.7	78.7	79.0	79.0	79.1	79.4	79.6	80.6	80.8
GE 2000	74.4	78.7	79.3	79.7	80.0	80.3	80.6	80.7	80.7	81.1	81.1	81.2	81.6	81.7	82.7	82.9
GE 1800	74.8	79.1	80.0	80.3	80.7	81.0	81.2	81.3	81.3	81.9	81.9	82.0	82.3	82.4	83.4	83.7
GE 1500	75.2	79.6	80.6	81.1	81.4	81.8	82.0	82.2	82.2	82.8	82.8	82.9	83.2	83.3	84.3	84.6
GE 1200	75.9	80.2	81.2	81.8	82.1	82.4	83.0	83.3	83.4	84.2	84.2	84.3	84.7	84.8	85.8	86.0
GE 1000	76.3	80.7	81.9	82.4	82.8	83.1	83.7	84.0	84.1	84.9	84.9	85.1	85.4	85.6	86.6	86.8
GE 900	76.3	80.7	81.9	82.4	82.8	83.1	83.7	84.0	84.1	84.9	84.9	85.2	85.7	85.8	86.8	87.1
GE 800	76.4	80.8	82.3	82.9	83.2	83.6	84.1	84.6	84.7	85.6	85.6	85.9	86.3	86.4	87.4	87.8
GE 700	76.7	81.6	83.1	83.8	84.1	84.4	85.0	85.7	85.8	86.7	86.8	87.1	87.7	87.8	88.8	89.2
GE 600	77.4	82.3	84.0	84.7	85.0	85.3	85.9	86.7	86.8	87.7	88.0	88.3	88.9	89.0	90.0	90.4
GE 500	77.8	83.0	84.7	85.3	85.8	86.1	86.9	87.9	88.0	89.1	89.6	89.9	90.9	91.0	92.0	92.4
GE 400	77.8	83.0	84.7	85.3	86.0	86.4	87.7	88.8	88.9	90.1	90.7	91.1	92.1	92.3	93.4	94.0
GE 300	77.8	83.3	85.0	85.8	86.6	87.0	88.7	90.0	90.1	91.6	92.3	92.9	94.2	94.4	96.0	97.0
GE 200	77.8	83.4	85.1	85.9	86.9	87.4	89.2	90.7	90.8	92.2	93.2	93.8	95.3	95.7	98.0	99.4
GE 100	77.8	83.4	85.1	85.9	87.0	87.6	89.6	91.0	91.1	92.6	93.6	94.1	95.8	96.1	98.6	100.0
GE 0	77.8	83.4	85.1	85.9	87.0	87.6	89.6	91.0	91.1	92.6	93.6	94.1	95.8	96.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.8	30.3	30.7	30.7	30.8	30.9	31.1	31.6	31.6	31.8	32.0	32.0	32.1	32.1	32.6	32.8
GE 25000	31.6	32.1	32.6	32.6	32.7	32.8	33.0	33.4	33.4	33.7	33.9	33.9	34.0	34.0	34.4	34.7
GE 18000	33.1	33.7	34.1	34.1	34.2	34.3	34.6	35.0	35.0	35.2	35.4	35.4	35.6	35.6	36.0	36.2
GE 16000	33.1	33.7	34.1	34.1	34.2	34.3	34.6	35.0	35.0	35.2	35.4	35.4	35.6	35.6	36.0	36.2
GE 14000	33.9	34.4	34.9	34.9	35.0	35.1	35.3	35.8	35.8	36.0	36.2	36.2	36.3	36.3	36.8	37.0
GE 12000	35.8	36.3	36.8	36.8	36.9	37.0	37.2	37.7	37.7	37.9	38.1	38.1	38.2	38.2	38.7	38.9
GE 10000	39.7	40.4	40.9	40.9	41.0	41.1	41.3	41.8	41.8	42.0	42.2	42.2	42.3	42.3	42.8	43.0
GE 9000	41.1	41.9	42.3	42.3	42.4	42.6	42.8	43.2	43.2	43.4	43.7	43.7	43.8	43.8	44.2	44.4
GE 8000	46.1	47.7	48.1	48.1	48.2	48.3	48.6	49.1	49.1	49.3	49.6	49.6	49.7	49.8	50.3	50.6
GE 7000	50.4	52.0	52.4	52.4	52.6	52.7	52.9	53.4	53.4	53.7	53.9	53.9	54.0	54.1	54.7	54.9
GE 6000	52.1	53.7	54.1	54.1	54.2	54.3	54.6	55.1	55.1	55.3	55.6	55.6	55.7	55.8	56.3	56.6
GE 5000	57.2	59.7	60.1	60.1	60.2	60.3	60.6	61.1	61.1	61.3	61.6	61.6	61.7	61.8	62.3	62.6
GE 4500	60.7	63.1	63.6	63.6	63.7	63.8	64.0	64.6	64.6	64.8	65.0	65.0	65.1	65.2	65.8	66.0
GE 4000	67.0	69.7	70.1	70.1	70.2	70.3	70.7	71.2	71.2	71.4	71.7	71.7	71.8	71.9	72.4	72.7
GE 3500	68.0	70.8	71.4	71.4	71.6	71.7	72.0	72.6	72.6	72.8	73.0	73.0	73.1	73.2	73.8	74.0
GE 3000	73.6	76.1	76.8	76.8	76.9	75.0	75.4	76.0	76.0	76.2	76.4	76.4	76.6	76.7	77.2	77.4
GE 2500	71.8	75.7	76.6	76.6	76.7	76.9	77.3	78.0	78.0	78.2	78.4	78.4	78.6	78.7	79.2	79.4
GE 2000	72.7	76.7	77.6	77.6	77.8	78.0	78.7	79.6	79.6	79.8	80.0	80.0	80.1	80.2	80.8	81.0
GE 1800	72.9	76.9	77.9	77.9	78.1	78.4	79.1	80.0	80.0	80.2	80.4	80.4	80.6	80.7	81.2	81.4
GE 1500	73.7	78.0	79.4	79.6	80.1	80.4	81.2	82.1	82.1	82.4	82.8	82.8	82.9	83.0	83.6	83.8
GE 1200	73.9	78.4	80.0	80.1	80.7	81.1	82.0	82.9	82.9	83.3	83.8	83.8	83.9	84.0	84.6	84.8
GE 1000	74.1	78.9	80.6	80.7	81.2	81.9	82.8	84.0	84.0	84.7	85.2	85.2	85.3	85.4	86.0	86.2
GE 900	74.3	79.1	80.8	80.9	81.4	82.1	83.0	84.2	84.2	84.9	85.4	85.4	85.6	85.7	86.2	86.4
GE 800	74.4	79.8	81.4	81.6	82.1	82.8	83.7	84.9	84.9	85.3	86.2	86.2	86.3	86.4	87.0	87.2
GE 700	74.6	79.9	81.7	81.8	82.4	83.1	84.0	85.2	85.3	86.1	87.2	87.2	87.3	87.4	88.0	88.2
GE 600	75.0	80.4	82.2	82.3	83.1	83.8	84.8	86.2	86.6	87.4	88.7	88.7	89.0	89.1	89.9	90.1
GE 500	75.4	81.4	83.3	83.4	84.4	85.1	86.2	87.8	88.1	89.1	90.6	90.8	91.2	91.3	92.6	92.9
GE 400	76.0	82.1	84.1	84.2	85.4	86.1	87.4	89.1	89.4	90.7	92.2	92.6	93.2	93.4	94.8	95.1
GE 300	76.1	82.3	84.9	85.0	86.2	86.9	88.3	90.1	90.6	91.8	93.3	93.7	94.3	94.6	96.0	96.4
GE 200	76.1	82.4	85.0	85.1	86.4	87.1	88.7	90.8	91.2	92.4	94.7	95.1	96.2	96.6	98.6	99.4
GE 100	76.1	82.6	85.1	85.2	86.6	87.2	88.8	90.9	91.3	92.6	94.9	95.3	96.4	96.8	98.8	99.9
GE 0	76.1	82.6	85.1	85.2	86.6	87.2	88.8	90.9	91.3	92.6	94.9	95.3	96.4	96.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	26.2	26.8	27.0	27.0	27.2	27.2	27.4	27.8	27.9	28.0	28.4	28.4	28.7	28.8	29.2	29.7
GE 20000	27.4	28.0	28.2	28.2	28.6	28.6	28.8	29.1	29.2	29.3	29.8	29.8	30.0	30.1	30.6	31.0
GE 18000	29.0	29.6	29.9	29.9	30.2	30.2	30.4	30.8	30.9	31.0	31.4	31.4	31.7	31.8	32.2	32.7
GE 16000	29.2	29.8	30.1	30.1	30.4	30.4	30.7	31.0	31.1	31.2	31.7	31.7	31.9	32.0	32.4	32.9
GE 14000	30.7	31.2	31.6	31.6	31.9	31.9	32.1	32.4	32.6	32.7	33.1	33.1	33.3	33.4	33.9	34.3
GE 12000	32.9	33.4	33.8	33.8	34.1	34.1	34.3	34.7	34.8	34.9	35.3	35.3	35.6	35.7	36.1	36.6
GE 10000	36.0	36.7	37.0	37.0	37.3	37.3	37.6	37.9	38.0	38.1	38.6	38.6	38.8	38.9	39.4	39.9
GE 9000	37.9	38.6	38.9	38.9	39.2	39.2	39.4	39.8	39.9	40.0	40.4	40.4	40.7	40.8	41.3	41.8
GE 8000	46.1	46.9	47.2	47.2	47.6	47.6	47.8	48.1	48.2	48.4	48.9	48.9	49.1	49.3	50.1	50.7
GE 7000	51.4	52.2	52.6	52.6	52.9	52.9	53.1	53.4	53.6	53.9	54.3	54.3	54.6	54.8	55.6	56.1
GE 6000	54.6	55.3	55.8	55.8	56.1	56.1	56.4	56.8	56.9	57.2	57.7	57.7	57.9	58.1	58.9	59.4
GE 5000	61.0	62.0	62.4	62.4	62.8	62.8	63.1	63.4	63.6	63.9	64.3	64.3	64.6	64.8	65.6	66.1
GE 4500	64.6	65.7	66.1	66.1	66.4	66.4	66.8	67.1	67.2	67.6	68.0	68.0	68.2	68.4	69.2	69.8
GE 4000	68.7	69.8	70.2	70.4	70.8	70.8	71.2	71.6	71.7	72.0	72.6	72.6	72.8	73.0	73.8	74.3
GE 3500	71.0	72.6	73.0	73.4	73.8	73.8	74.2	74.6	74.7	75.0	75.6	75.6	75.8	76.0	76.8	77.3
GE 3000	72.2	74.0	74.7	75.1	75.7	75.7	76.3	76.7	76.8	77.1	77.7	77.7	77.9	78.1	78.9	79.4
GE 2500	72.6	74.8	75.7	76.1	76.7	76.7	77.3	77.7	77.8	78.1	78.7	78.7	78.9	79.1	79.9	80.4
GE 2000	74.1	77.0	77.9	78.6	79.3	79.4	80.2	80.7	80.8	81.1	81.7	81.7	81.9	82.1	82.9	83.4
GE 1800	74.4	77.3	78.2	78.9	79.7	79.8	80.6	81.0	81.1	81.4	82.0	82.0	82.2	82.4	83.2	83.8
GE 1500	75.0	78.2	79.1	79.9	80.7	80.8	81.8	82.2	82.3	82.8	83.3	83.3	83.6	83.8	84.6	85.1
GE 1200	75.6	78.9	79.8	80.6	81.6	81.7	82.8	83.2	83.3	83.9	84.4	84.4	84.9	85.1	85.9	86.4
GE 1000	75.8	79.6	80.6	81.3	82.4	82.6	83.8	84.4	84.7	85.4	86.0	86.1	86.7	87.0	87.8	88.3
GE 900	75.8	79.6	80.6	81.3	82.4	82.6	83.8	84.4	84.7	85.4	86.0	86.1	86.7	87.0	87.8	88.3
GE 800	75.8	79.6	80.7	81.4	82.6	82.7	83.9	84.6	84.8	85.6	86.1	86.2	86.8	87.1	87.9	88.4
GE 700	76.1	79.9	81.1	81.9	83.0	83.1	84.3	85.0	85.2	86.2	86.8	86.9	87.7	88.0	88.8	89.3
GE 600	76.2	80.1	81.3	82.1	83.4	83.6	84.8	85.7	85.9	87.0	87.6	87.7	88.6	88.9	89.8	90.6
GE 500	76.4	80.3	81.6	82.4	83.9	84.1	85.8	87.0	87.3	88.7	89.2	89.3	90.4	90.9	91.8	92.6
GE 400	76.8	80.9	82.1	83.1	84.6	84.8	86.6	87.8	88.2	89.8	90.9	91.1	92.7	93.2	94.2	95.1
GE 300	76.8	81.0	82.2	83.2	84.7	84.9	86.9	88.2	88.8	90.6	91.9	92.2	94.0	94.7	95.8	97.0
GE 200	76.8	81.0	82.6	83.6	85.0	85.2	87.2	88.6	89.2	91.1	92.6	92.9	95.3	96.2	97.4	98.9
GE 100	76.8	81.0	82.6	83.6	85.0	85.2	87.2	88.6	89.2	91.1	92.6	92.9	95.3	96.2	97.9	99.9
GE 0	76.8	81.0	82.6	83.6	85.0	85.2	87.2	88.6	89.2	91.1	92.6	92.9	95.3	96.2	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.3	32.1	32.2	32.2	32.6	32.6	32.7	32.9	32.9	33.0	33.2	33.3	33.3	33.4	33.9	33.9
GE 20000	32.8	33.6	33.7	33.7	34.0	34.0	34.1	34.3	34.3	34.6	34.8	34.9	34.9	35.0	35.6	35.6
GE 18000	34.6	35.3	35.4	35.4	35.8	35.8	35.9	36.1	36.1	36.4	36.7	36.8	36.8	36.9	37.4	37.4
GE 16000	34.7	35.4	35.6	35.6	35.9	35.9	36.0	36.2	36.2	36.6	36.8	36.9	36.9	37.0	37.6	37.6
GE 14000	36.4	37.2	37.3	37.3	37.7	37.7	37.8	38.0	38.0	38.3	38.6	38.7	38.7	38.8	39.3	39.3
GE 12000	39.6	40.3	40.4	40.4	40.8	40.8	40.9	41.1	41.1	41.4	41.7	41.8	41.8	41.9	42.4	42.4
GE 10000	45.2	46.0	46.2	46.2	46.6	46.6	46.7	46.9	46.9	47.2	47.4	47.6	47.6	47.7	48.2	48.2
GE 9000	46.2	47.0	47.2	47.2	47.6	47.6	47.7	47.9	47.9	48.2	48.4	48.6	48.6	48.7	49.2	49.2
GE 8000	52.3	53.3	53.6	53.6	53.9	53.9	54.0	54.2	54.2	54.6	54.8	54.9	54.9	55.0	55.6	55.6
GE 7000	58.7	59.8	60.0	60.0	60.3	60.3	60.4	60.8	60.8	61.1	61.3	61.4	61.4	61.6	62.1	62.1
GE 6000	62.7	63.8	64.0	64.0	64.3	64.3	64.4	64.8	64.8	65.1	65.3	65.4	65.4	65.6	66.1	66.1
GE 5000	69.1	70.3	70.6	70.6	70.9	70.9	71.0	71.3	71.3	71.7	71.9	72.0	72.0	72.1	72.7	72.7
GE 4500	73.1	74.4	74.8	74.8	75.1	75.1	75.2	75.6	75.6	75.9	76.1	76.2	76.2	76.3	76.9	76.9
GE 4000	76.2	78.0	78.3	78.6	78.9	78.9	79.0	79.4	79.4	79.8	80.0	80.1	80.1	80.2	80.8	80.8
GE 3500	78.9	80.9	81.4	81.7	82.0	82.0	82.1	82.6	82.6	82.9	83.1	83.2	83.2	83.3	83.9	83.9
GE 3000	80.3	83.3	84.0	84.2	84.6	84.6	84.7	85.1	85.1	85.6	85.8	85.9	85.9	86.0	86.6	86.6
GE 2500	81.1	84.1	84.9	85.1	85.4	85.4	85.7	86.1	86.1	86.6	86.8	86.9	86.9	87.0	87.6	87.6
GE 2000	81.9	85.0	85.8	86.0	86.3	86.3	86.6	87.0	87.0	87.4	87.7	87.8	87.8	87.9	88.4	88.4
GE 1800	82.4	85.6	86.3	86.6	86.9	86.9	87.1	87.6	87.6	88.1	88.3	88.4	88.4	88.6	89.1	89.1
GE 1500	82.6	85.8	86.6	86.9	87.3	87.3	87.7	88.1	88.1	88.7	88.9	89.0	89.0	89.1	89.7	89.7
GE 1200	82.8	86.1	86.9	87.3	87.9	88.0	88.3	89.2	89.2	89.8	90.0	90.1	90.1	90.2	90.8	90.8
GE 1000	82.8	86.1	86.9	87.6	88.3	88.4	88.8	89.9	89.9	90.4	90.8	90.9	90.9	91.2	91.9	91.9
GE 900	83.1	86.4	87.4	88.1	88.9	89.0	89.4	90.6	90.6	91.1	91.6	91.7	91.7	92.0	92.7	92.7
GE 800	83.2	86.6	87.6	88.2	89.0	89.1	89.6	90.7	90.7	91.3	91.9	92.1	92.3	92.7	93.3	93.3
GE 700	83.4	86.9	87.9	88.7	89.4	89.6	90.2	91.4	91.4	92.1	92.7	92.9	93.1	93.6	94.2	94.2
GE 600	83.9	87.3	88.3	89.1	90.0	90.1	90.8	92.1	92.1	92.8	93.3	93.6	93.8	94.2	94.9	94.9
GE 500	84.2	87.7	88.8	89.6	90.6	90.7	91.6	93.2	93.2	94.1	94.8	95.0	95.2	95.7	96.3	96.3
GE 400	84.8	88.2	89.6	90.3	91.6	91.8	92.9	94.8	94.8	96.0	97.2	97.4	97.8	98.2	98.9	98.9
GE 300	84.8	88.4	89.8	90.6	91.9	92.1	93.4	95.6	95.6	96.8	98.1	98.3	98.7	99.1	99.8	99.9
GE 200	84.8	88.4	89.8	90.6	91.9	92.1	93.4	95.6	95.6	96.8	98.1	98.3	98.7	99.1	99.8	100.0
GE 100	84.8	88.4	89.8	90.6	91.9	92.1	93.4	95.6	95.6	96.8	98.1	98.3	98.7	99.1	99.8	100.0
GE 0	84.8	88.4	89.8	90.6	91.9	92.1	93.4	95.6	95.6	96.8	98.1	98.3	98.7	99.1	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.7	32.1	32.3	32.3	32.6	32.6	32.8	32.9	33.0	33.0	33.1	33.1	33.3	33.3	33.3	33.4
GE 20000	33.1	33.6	33.8	33.8	34.0	34.0	34.2	34.3	34.4	34.4	34.6	34.6	34.8	34.8	34.8	34.9
GE 18000	34.8	35.2	35.4	35.4	35.7	35.7	35.9	36.0	36.1	36.1	36.2	36.2	36.4	36.4	36.6	36.7
GE 16000	35.9	36.3	36.6	36.6	36.8	36.8	37.0	37.1	37.2	37.2	37.3	37.3	37.6	37.6	37.7	37.8
GE 14000	37.2	37.7	37.9	37.9	38.1	38.1	38.3	38.4	38.6	38.6	38.7	38.7	38.9	38.9	39.0	39.1
GE 12000	38.9	39.3	39.6	39.6	39.8	39.8	40.0	40.1	40.2	40.2	40.3	40.3	40.6	40.6	40.7	40.8
GE 10000	43.3	43.8	44.0	44.0	44.2	44.2	44.4	44.6	44.7	44.7	44.8	44.8	45.0	45.0	45.1	45.2
GE 9000	44.7	45.1	45.3	45.3	45.6	45.6	45.8	45.9	46.0	46.0	46.1	46.1	46.3	46.3	46.4	46.6
GE 8000	50.6	51.3	51.6	51.6	51.8	51.8	52.0	52.1	52.2	52.2	52.6	52.6	52.8	52.8	52.9	53.0
GE 7000	57.1	57.9	58.1	58.1	58.3	58.3	58.6	58.7	58.8	58.8	59.1	59.1	59.3	59.3	59.4	59.6
GE 6000	63.8	64.6	64.8	64.8	65.0	65.0	65.2	65.3	65.4	65.4	65.8	65.8	66.0	66.0	66.1	66.2
GE 5000	69.9	71.2	71.4	71.4	71.8	71.8	72.0	72.1	72.2	72.2	72.6	72.6	72.8	73.0	73.1	73.2
GE 4500	74.4	75.8	76.0	76.0	76.3	76.3	76.6	76.7	76.8	76.8	77.1	77.1	77.3	77.6	77.7	77.8
GE 4000	78.3	79.9	80.2	80.2	80.7	80.7	80.9	81.0	81.1	81.2	81.6	81.6	81.8	82.0	82.1	82.2
GE 3500	79.8	81.4	81.9	82.0	82.6	82.6	82.8	82.9	83.0	83.1	83.4	83.4	83.7	83.9	84.0	84.1
GE 3000	81.0	83.4	84.1	84.2	85.0	85.1	85.6	85.7	85.8	85.9	86.2	86.2	86.4	86.7	86.8	86.9
GE 2500	82.0	84.6	85.3	85.4	86.3	86.4	86.9	87.0	87.1	87.2	87.6	87.6	87.8	88.0	88.1	88.2
GE 2000	82.7	85.2	86.0	86.2	87.2	87.3	87.9	88.0	88.2	88.4	88.8	88.8	89.0	89.2	89.3	89.4
GE 1800	82.7	85.2	86.0	86.2	87.2	87.3	88.0	88.1	88.3	88.6	88.9	88.9	89.1	89.3	89.4	89.6
GE 1500	83.4	86.6	87.3	87.7	88.8	88.9	89.6	89.7	89.9	90.2	90.6	90.6	90.8	91.0	91.1	91.2
GE 1200	83.4	86.9	87.8	88.1	89.3	89.6	90.2	90.6	90.8	91.1	91.4	91.4	91.7	91.9	92.0	92.1
GE 1000	83.7	87.3	88.3	88.8	90.2	90.4	91.3	91.7	91.9	92.3	92.7	92.7	92.9	93.1	93.2	93.3
GE 900	83.7	87.3	88.3	88.8	90.2	90.4	91.6	91.9	92.1	92.6	92.9	92.9	93.1	93.3	93.4	93.6
GE 800	84.1	87.8	88.8	89.2	90.7	90.9	92.0	92.3	92.6	93.1	93.4	93.4	93.7	93.9	94.0	94.1
GE 700	84.7	88.4	89.4	89.9	91.3	91.6	92.8	93.2	93.4	94.0	94.4	94.4	94.7	94.9	95.0	95.1
GE 600	84.9	89.0	90.1	90.6	92.0	92.2	93.4	93.9	94.1	94.7	95.1	95.1	95.3	95.6	95.7	95.8
GE 500	84.9	89.0	90.1	90.6	92.1	92.3	93.6	94.1	94.3	95.0	95.4	95.4	95.9	96.2	96.4	96.7
GE 400	85.0	89.2	90.4	91.1	92.7	92.9	94.1	95.0	95.3	96.1	96.6	96.6	97.1	97.4	97.7	98.0
GE 300	85.0	89.2	90.4	91.1	92.8	93.0	94.3	95.7	96.0	96.9	97.3	97.3	98.1	98.4	98.7	99.0
GE 200	85.0	89.2	90.4	91.1	92.8	93.0	94.3	95.9	96.2	97.1	97.7	97.7	98.6	98.9	99.2	99.7
GE 100	85.0	89.2	90.4	91.1	92.8	93.0	94.3	95.9	96.2	97.1	97.7	97.7	98.6	98.9	99.2	99.7
GE 0	85.0	89.2	90.4	91.1	92.8	93.0	94.3	95.9	96.2	97.1	97.7	97.7	98.7	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.8	30.3	30.4	30.4	30.7	30.7	30.8	30.8	30.8	30.9	31.0	31.0	31.1	31.1	31.1	31.4
GE 25000	30.6	31.3	31.4	31.4	31.7	31.7	31.8	31.8	31.8	31.9	32.0	32.0	32.1	32.1	32.1	32.4
GE 18000	32.8	33.6	33.7	33.7	33.9	33.9	34.0	34.0	34.0	34.1	34.2	34.2	34.3	34.3	34.3	34.7
GE 16000	33.7	34.4	34.6	34.6	34.8	34.8	34.9	34.9	34.9	35.0	35.1	35.1	35.2	35.2	35.2	35.6
GE 14000	35.3	36.2	36.3	36.3	36.6	36.6	36.7	36.7	36.7	36.8	36.9	36.9	37.0	37.0	37.0	37.3
GE 12000	36.2	37.1	37.2	37.2	37.4	37.4	37.6	37.6	37.6	37.7	37.8	37.8	37.9	37.9	37.9	38.2
GE 10000	40.0	41.0	41.1	41.1	41.3	41.3	41.4	41.4	41.4	41.6	41.7	41.7	41.8	41.8	41.8	42.1
GE 9000	42.1	43.1	43.2	43.2	43.4	43.4	43.6	43.6	43.6	43.7	43.8	43.8	43.9	43.9	43.9	44.2
GE 8000	47.4	48.8	48.9	48.9	49.1	49.1	49.2	49.2	49.2	49.3	49.4	49.4	49.6	49.8	49.8	50.1
GE 7000	54.6	55.9	56.0	56.0	56.2	56.2	56.3	56.3	56.3	56.4	56.6	56.6	56.7	56.9	56.9	57.2
GE 6000	58.3	59.8	59.9	59.9	60.1	60.1	60.2	60.2	60.2	60.3	60.4	60.4	60.6	60.8	60.8	61.1
GE 5000	65.4	67.0	67.1	67.1	67.3	67.3	67.4	67.7	67.7	67.9	68.0	68.0	68.1	68.3	68.3	68.7
GE 4500	69.2	70.9	71.0	71.0	71.2	71.2	71.3	71.6	71.6	71.8	71.9	71.9	72.0	72.2	72.2	72.6
GE 4000	72.0	74.1	74.4	74.4	74.7	74.7	74.8	75.0	75.0	75.2	75.3	75.3	75.4	75.7	75.7	76.0
GE 3500	74.9	77.3	77.7	77.7	78.0	78.0	78.1	78.3	78.3	78.6	78.7	78.7	78.8	79.0	79.0	79.3
GE 3000	76.4	79.3	79.9	80.0	80.4	80.4	80.6	80.8	80.8	81.0	81.1	81.1	81.2	81.4	81.4	81.8
GE 2500	77.9	81.0	81.7	81.9	82.4	82.4	82.6	82.8	82.8	83.0	83.1	83.1	83.2	83.4	83.4	83.8
GE 2000	79.6	82.7	83.3	83.7	84.2	84.2	84.3	84.7	84.7	84.9	85.0	85.0	85.1	85.3	85.3	85.7
GE 1800	79.6	82.7	83.4	84.0	84.6	84.6	84.7	85.0	85.0	85.2	85.3	85.3	85.4	85.7	85.7	86.0
GE 1500	79.7	84.2	85.2	85.8	86.3	86.3	86.4	86.9	86.9	87.1	87.2	87.2	87.3	87.6	87.6	87.9
GE 1200	79.8	84.7	85.8	86.4	87.2	87.2	87.3	87.9	87.9	88.1	88.2	88.2	88.3	88.6	88.6	88.9
GE 1000	80.0	85.1	86.2	86.9	87.8	87.8	87.9	88.8	88.9	89.1	89.2	89.4	89.6	89.8	89.8	90.1
GE 900	80.1	85.3	86.6	87.2	88.2	88.2	88.6	89.6	89.7	89.9	90.0	90.3	90.6	90.8	90.8	91.1
GE 800	80.3	85.7	86.9	87.6	88.6	88.6	88.9	89.9	90.0	90.2	90.3	90.7	90.9	91.1	91.1	91.6
GE 700	80.7	86.4	87.8	88.4	89.6	89.6	89.9	90.9	91.0	91.2	91.3	91.7	91.9	92.1	92.1	92.6
GE 600	81.0	86.8	88.2	89.0	90.1	90.1	90.4	91.4	91.6	91.8	91.9	92.2	92.4	92.7	92.8	93.2
GE 500	81.0	87.2	88.7	89.4	91.0	91.0	91.4	92.4	92.6	92.8	92.9	93.2	93.4	93.8	93.9	94.4
GE 400	81.2	87.9	89.3	90.2	91.8	91.8	92.6	93.6	93.7	93.9	94.0	94.3	94.6	94.9	95.0	95.6
GE 300	81.3	88.7	90.1	91.2	93.0	93.0	93.9	95.0	95.4	95.8	96.0	96.3	96.8	97.2	97.4	98.6
GE 200	81.3	88.8	90.2	91.3	93.1	93.1	94.0	95.1	95.6	96.1	96.6	97.0	97.7	98.1	98.7	100.0
GE 100	81.3	88.8	90.2	91.3	93.1	93.1	94.0	95.1	95.6	96.1	96.6	97.0	97.7	98.1	98.7	100.0
GE 0	81.3	88.8	90.2	91.3	93.1	93.1	94.0	95.1	95.6	96.1	96.6	97.0	97.7	98.1	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	30.6	31.8	31.9	31.9	32.1	32.1	32.1	32.2	32.2	32.6	32.7	32.7	32.9	33.0	33.0	33.1
GE 20000	31.6	32.8	32.9	32.9	33.1	33.1	33.1	33.2	33.2	33.6	33.7	33.7	33.9	34.0	34.0	34.1
GE 18000	33.6	34.8	34.9	34.9	35.1	35.1	35.1	35.2	35.2	35.6	35.7	35.7	36.0	36.1	36.1	36.2
GE 16000	33.7	34.9	35.0	35.0	35.2	35.2	35.2	35.3	35.3	35.7	35.8	35.8	36.1	36.2	36.2	36.3
GE 14000	34.9	36.2	36.3	36.3	36.6	36.6	36.6	36.7	36.7	37.0	37.1	37.1	37.4	37.6	37.6	37.7
GE 12000	36.6	38.0	38.1	38.1	38.3	38.3	38.3	38.4	38.4	38.8	38.9	38.9	39.2	39.3	39.3	39.4
GE 10000	40.0	41.9	42.0	42.0	42.2	42.2	42.2	42.3	42.3	42.7	42.8	42.8	43.1	43.2	43.2	43.3
GE 9000	41.7	43.6	43.7	43.7	43.9	43.9	43.9	44.0	44.0	44.3	44.4	44.4	44.8	44.9	44.9	45.0
GE 8000	47.9	50.1	50.2	50.2	50.4	50.4	50.4	50.6	50.6	50.9	51.0	51.1	51.4	51.6	51.6	51.7
GE 7000	54.1	56.3	56.4	56.4	56.7	56.7	56.7	56.8	56.8	57.1	57.2	57.3	57.7	57.8	57.8	57.9
GE 6000	56.7	59.4	59.6	59.6	59.8	59.8	59.8	59.9	59.9	60.2	60.3	60.4	60.8	60.9	60.9	61.0
GE 5000	64.2	67.3	67.4	67.4	67.7	67.7	67.7	68.0	68.0	68.3	68.4	68.6	68.9	69.0	69.0	69.1
GE 4500	66.1	69.2	69.3	69.3	69.6	69.6	69.6	69.9	69.9	70.2	70.3	70.4	70.9	71.0	71.0	71.1
GE 4000	69.1	72.2	72.3	72.4	72.7	72.7	72.7	73.0	73.0	73.4	73.6	73.7	74.1	74.2	74.2	74.3
GE 3500	72.1	75.3	75.4	75.6	75.8	75.8	75.8	76.1	76.1	76.6	76.7	76.8	77.2	77.3	77.3	77.4
GE 3000	74.8	78.7	78.8	78.9	79.4	79.4	79.4	80.0	80.0	80.4	80.6	80.7	81.1	81.2	81.2	81.3
GE 2500	75.6	80.2	80.4	80.6	81.2	81.2	81.3	81.9	81.9	82.3	82.4	82.6	83.0	83.1	83.1	83.2
GE 2200	76.9	82.2	82.4	82.6	83.6	83.6	83.7	84.2	84.2	84.7	84.8	84.9	85.4	85.6	85.6	85.7
GE 1900	76.9	82.4	82.7	82.8	83.8	83.8	83.9	84.4	84.4	84.9	85.0	85.1	85.7	85.8	85.8	85.9
GE 1600	77.3	83.9	84.2	84.3	85.3	85.3	85.4	86.0	86.0	86.4	86.7	86.8	87.3	87.4	87.4	87.6
GE 1200	77.7	84.8	85.3	85.7	87.1	87.1	87.2	87.8	87.8	88.2	88.4	88.6	89.1	89.2	89.2	89.3
GE 1000	77.7	84.8	85.3	85.7	87.3	87.3	87.9	88.7	88.7	89.2	89.7	89.8	90.3	90.4	90.4	90.6
GE 900	77.7	84.8	85.3	85.7	87.3	87.3	88.0	88.8	88.8	89.3	89.9	90.0	90.6	90.7	90.7	90.8
GE 800	77.8	84.9	85.6	85.9	87.6	87.6	88.2	89.0	89.0	89.6	90.1	90.2	90.8	90.9	90.9	91.0
GE 700	77.9	85.0	85.7	86.0	87.7	87.7	88.4	89.2	89.2	89.8	90.3	90.4	91.0	91.1	91.1	91.2
GE 600	78.1	85.2	86.0	86.3	88.1	88.1	88.9	89.7	89.7	90.2	90.8	90.9	91.4	91.6	91.7	91.8
GE 500	78.3	85.7	86.4	86.8	88.7	88.7	89.8	90.7	90.7	91.2	91.9	92.0	92.8	93.0	93.3	93.6
GE 400	78.7	87.1	88.3	88.6	90.8	90.8	92.1	93.1	93.1	93.8	94.6	94.7	95.4	95.7	96.1	96.4
GE 300	78.9	88.1	89.6	90.0	92.2	92.2	93.6	94.8	94.8	95.6	96.3	96.6	97.4	97.8	98.4	99.1
GE 200	78.9	88.2	89.7	90.1	92.3	92.3	93.7	94.9	94.9	95.7	96.7	96.9	97.8	98.2	99.2	100.0
GE 100	78.9	88.2	89.7	90.1	92.3	92.3	93.7	94.9	94.9	95.7	96.7	96.9	97.8	98.2	99.2	100.0
GE 0	78.9	88.2	89.7	90.1	92.3	92.3	93.7	94.9	94.9	95.7	96.7	96.9	97.8	98.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	30.1	30.8	31.0	31.0	31.3	31.3	31.5	31.6	31.7	31.8	32.0	32.0	32.2	32.3	32.6	32.8
GE 25000	31.3	32.1	32.3	32.3	32.6	32.6	32.8	32.9	32.9	33.1	33.3	33.3	33.5	33.6	33.9	34.2
GE 18000	33.1	33.9	34.1	34.1	34.4	34.4	34.6	34.7	34.8	34.9	35.1	35.1	35.3	35.4	35.8	36.0
GE 16000	33.4	34.2	34.4	34.4	34.7	34.8	34.9	35.1	35.1	35.3	35.4	35.5	35.7	35.7	36.1	36.3
GE 14000	34.8	35.6	35.8	35.8	36.1	36.1	36.3	36.4	36.5	36.7	36.8	36.8	37.0	37.1	37.5	37.7
GE 12000	36.8	37.6	37.8	37.8	38.1	38.1	38.3	38.4	38.5	38.7	38.8	38.8	39.0	39.1	39.5	39.7
GE 10000	40.9	41.9	42.1	42.2	42.4	42.5	42.6	42.8	42.8	43.0	43.2	43.2	43.4	43.5	43.9	44.1
GE 9000	42.3	43.4	43.6	43.6	43.9	43.9	44.1	44.2	44.3	44.5	44.6	44.6	44.8	44.9	45.3	45.5
GE 8000	48.3	49.6	49.8	49.9	50.1	50.2	50.3	50.5	50.5	50.7	50.9	50.9	51.1	51.3	51.8	52.0
GE 7000	54.0	55.4	55.6	55.6	55.9	55.9	56.1	56.3	56.3	56.5	56.7	56.7	56.9	57.1	57.5	57.8
GE 6000	57.3	58.8	59.1	59.1	59.4	59.4	59.6	59.8	59.8	60.0	60.2	60.3	60.4	60.6	61.1	61.3
GE 5000	63.6	65.5	65.7	65.8	66.0	66.1	66.3	66.5	66.5	66.8	66.9	67.0	67.2	67.3	67.8	68.0
GE 4500	67.1	69.1	69.4	69.4	69.7	69.7	69.9	70.1	70.2	70.4	70.6	70.6	70.8	71.0	71.5	71.7
GE 4000	71.1	73.4	73.8	73.8	74.1	74.2	74.4	74.6	74.7	74.9	75.1	75.2	75.4	75.5	76.0	76.2
GE 3500	73.2	75.7	76.1	76.3	76.6	76.6	76.8	77.1	77.1	77.4	77.6	77.6	77.8	78.0	78.4	78.7
GE 3000	75.3	78.5	79.0	79.2	79.6	79.7	79.9	80.2	80.3	80.5	80.7	80.8	81.0	81.1	81.6	81.8
GE 2500	76.3	79.7	80.4	80.6	81.0	81.1	81.4	81.7	81.8	82.0	82.2	82.3	82.5	82.6	83.1	83.3
GE 2000	77.3	81.2	81.9	82.2	82.8	82.9	83.2	83.6	83.6	83.9	84.1	84.2	84.4	84.6	85.0	85.3
GE 1800	77.4	81.4	82.2	82.5	83.1	83.2	83.6	84.0	84.0	84.3	84.5	84.6	84.8	85.0	85.4	85.7
GE 1500	78.1	82.4	83.3	83.7	84.4	84.5	84.9	85.3	85.4	85.8	86.0	86.0	86.3	86.4	86.9	87.1
GE 1200	78.4	83.0	84.0	84.4	85.2	85.4	85.9	86.4	86.5	86.9	87.1	87.2	87.4	87.6	88.1	88.3
GE 1000	78.6	83.3	84.4	84.9	85.8	86.0	86.6	87.3	87.3	87.9	88.2	88.3	88.5	88.8	89.2	89.5
GE 900	78.7	83.4	84.5	85.0	85.9	86.1	86.8	87.5	87.6	88.1	88.5	88.6	88.9	89.1	89.6	89.8
GE 800	78.8	83.7	84.9	85.4	86.3	86.5	87.2	87.9	88.0	88.6	89.0	89.1	89.4	89.7	90.1	90.4
GE 700	79.1	84.1	85.4	85.9	86.9	87.1	87.8	88.6	88.7	89.3	89.8	89.9	90.3	90.5	91.0	91.3
GE 600	79.4	84.6	85.9	86.4	87.5	87.7	88.5	89.3	89.4	90.1	90.6	90.7	91.1	91.4	91.9	92.2
GE 500	79.7	85.0	86.3	86.9	88.1	88.4	89.4	90.4	90.6	91.3	91.9	92.1	92.7	92.9	93.6	93.9
GE 400	79.9	85.5	87.0	87.7	89.0	89.3	90.5	91.7	91.9	92.8	93.6	93.8	94.6	94.9	95.6	96.1
GE 300	80.0	86.0	87.6	88.3	89.8	90.0	91.4	92.8	93.1	94.1	95.0	95.2	96.1	96.5	97.4	98.1
GE 200	80.0	86.0	87.8	88.4	89.9	90.2	91.7	93.2	93.4	94.5	95.6	95.9	97.1	97.5	98.8	99.7
GE 100	80.0	86.1	87.8	88.5	90.0	90.3	91.7	93.2	93.5	94.6	95.7	96.0	97.1	97.6	98.9	99.9
GE 0	80.0	86.1	87.8	88.5	90.0	90.3	91.7	93.2	93.5	94.6	95.7	96.0	97.2	97.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	30.5	32.5	32.7	32.7	33.1	33.2	33.3	33.9	33.9	34.0	34.1	34.1	34.4	34.4	34.8	35.3
GE 20000	31.0	32.9	33.1	33.1	33.5	33.7	33.8	34.3	34.3	34.4	34.5	34.5	34.8	34.8	35.3	35.7
GE 18000	32.8	34.9	35.2	35.2	35.6	35.7	35.8	36.3	36.3	36.5	36.6	36.6	36.9	36.9	37.3	37.7
GE 16000	33.1	35.3	35.5	35.5	35.9	36.0	36.1	36.7	36.7	36.8	36.9	36.9	37.2	37.2	37.6	38.1
GE 14000	34.1	36.2	36.5	36.5	36.9	37.0	37.1	37.6	37.6	37.7	37.8	37.8	38.2	38.2	38.6	39.0
GE 12000	35.6	37.7	38.0	38.0	38.4	38.5	38.6	39.1	39.1	39.2	39.4	39.4	39.7	39.7	40.1	40.5
GE 10000	39.6	41.8	42.0	42.0	42.5	42.6	42.7	43.2	43.2	43.3	43.4	43.4	43.8	43.8	44.2	44.6
GE 9000	41.6	43.9	44.1	44.1	44.5	44.6	44.7	45.3	45.3	45.4	45.5	45.5	45.8	45.8	46.2	46.7
GE 8000	48.8	51.1	51.3	51.3	51.7	51.8	51.9	52.5	52.5	52.6	52.7	52.7	53.0	53.0	53.4	53.9
GE 7000	55.1	57.3	57.5	57.5	58.0	58.2	58.3	58.9	58.9	59.0	59.1	59.1	59.5	59.5	59.9	60.3
GE 6000	56.7	58.9	59.1	59.1	59.6	59.8	59.9	60.5	60.5	60.6	60.8	60.8	61.1	61.1	61.5	61.9
GE 5000	59.4	61.6	61.8	61.8	62.4	62.6	62.7	63.3	63.3	63.4	63.5	63.5	63.9	63.9	64.3	64.7
GE 4500	63.1	65.4	65.6	65.7	66.3	66.6	66.7	67.3	67.3	67.4	67.5	67.5	68.0	68.0	68.4	68.8
GE 4000	66.6	69.1	69.4	69.5	70.1	70.3	70.4	71.2	71.2	71.3	71.4	71.4	71.8	71.8	72.3	72.7
GE 3500	69.1	72.4	72.6	72.8	73.4	73.7	73.8	74.5	74.5	74.6	74.7	74.7	75.2	75.2	75.6	76.0
GE 3000	70.6	75.1	75.8	76.2	76.9	77.1	77.2	78.0	78.0	78.1	78.2	78.2	78.6	78.6	79.0	79.5
GE 2500	71.4	76.8	77.8	78.5	79.1	79.4	79.5	80.2	80.2	80.3	80.4	80.4	80.9	80.9	81.3	81.7
GE 2000	72.8	79.0	80.2	81.0	81.7	81.9	82.0	82.8	82.8	82.9	83.0	83.0	83.4	83.4	83.9	84.3
GE 1800	72.8	79.1	80.4	81.3	82.0	82.4	82.6	83.3	83.3	83.4	83.5	83.5	84.0	84.0	84.4	84.8
GE 1500	73.7	80.2	81.6	82.7	83.4	83.8	84.3	85.1	85.1	85.3	85.4	85.4	85.8	85.8	86.2	86.7
GE 1200	74.2	80.9	82.5	83.5	84.3	84.6	85.3	86.1	86.3	86.7	86.8	86.8	87.2	87.2	87.6	88.1
GE 1000	74.6	81.5	83.1	84.2	84.9	85.3	85.9	86.8	87.0	87.4	87.5	87.5	88.0	88.0	88.4	88.8
GE 900	75.2	82.0	83.9	84.9	85.7	86.0	86.9	87.8	88.1	88.6	88.7	88.7	89.1	89.1	89.6	90.0
GE 800	75.3	82.4	84.3	85.4	86.2	86.6	87.4	88.4	88.6	89.1	89.2	89.2	89.7	89.7	90.1	90.5
GE 700	75.4	82.6	84.5	85.6	86.5	86.8	87.6	88.6	88.9	89.5	89.6	89.6	90.0	90.0	90.4	90.9
GE 600	75.4	82.6	84.5	85.6	86.5	86.8	87.6	88.7	89.0	89.6	89.8	89.8	90.2	90.2	90.6	91.1
GE 500	75.7	83.2	85.2	86.3	87.2	87.6	88.5	89.8	90.1	90.8	91.0	91.0	91.4	91.4	92.0	92.6
GE 400	75.7	83.5	85.7	87.0	87.8	88.3	89.5	90.9	91.2	91.8	92.0	92.0	92.5	92.5	93.2	93.9
GE 300	75.7	84.0	86.5	88.0	89.0	89.5	90.9	92.4	92.7	93.3	93.9	93.9	94.4	94.6	95.6	96.3
GE 200	75.8	84.1	86.7	88.2	89.7	90.1	91.7	93.3	93.8	94.6	95.3	95.3	96.0	96.3	97.6	99.0
GE 100	75.8	84.1	86.7	88.2	89.7	90.1	91.7	93.3	93.8	94.6	95.4	95.4	96.5	96.8	98.2	99.6
GE 0	75.8	84.1	86.7	88.2	89.7	90.1	91.7	93.3	93.8	94.6	95.6	95.6	96.7	97.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.2	33.4	33.4	33.7	33.7	33.7	34.1	34.1	34.1	34.1	34.4	34.4	34.6	34.6	34.9	35.5
GE 20000	32.3	33.5	33.5	33.8	33.8	33.8	34.3	34.3	34.3	34.3	34.6	34.6	34.8	34.8	35.2	35.7
GE 18000	33.8	35.1	35.1	35.3	35.3	35.3	35.8	35.8	35.8	35.8	36.1	36.1	36.3	36.5	36.9	37.4
GE 16000	34.0	35.3	35.3	35.5	35.5	35.5	36.0	36.0	36.0	36.0	36.3	36.3	36.6	36.7	37.1	37.6
GE 14000	34.9	36.2	36.2	36.5	36.5	36.5	37.0	37.0	37.0	37.0	37.3	37.3	37.5	37.6	38.1	38.6
GE 12000	37.1	38.5	38.5	38.7	38.7	38.7	39.2	39.2	39.2	39.2	39.6	39.6	39.8	39.9	40.3	40.9
GE 10000	41.6	43.0	43.0	43.2	43.2	43.2	43.8	43.8	43.8	43.8	44.1	44.1	44.3	44.4	44.8	45.4
GE 9000	43.7	45.2	45.2	45.4	45.4	45.4	45.9	45.9	45.9	45.9	46.2	46.2	46.5	46.6	47.0	47.5
GE 8000	50.2	51.7	51.8	52.0	52.0	52.0	52.6	52.6	52.6	52.6	52.9	52.9	53.1	53.2	53.7	54.2
GE 7000	55.2	56.8	57.1	57.4	57.4	57.4	58.0	58.0	58.0	58.0	58.3	58.3	58.5	58.6	59.0	59.6
GE 6000	58.0	59.6	59.9	60.2	60.2	60.2	60.8	60.8	60.8	60.8	61.1	61.1	61.3	61.4	61.8	62.4
GE 5000	61.4	63.1	63.4	63.8	63.8	63.8	64.3	64.3	64.3	64.3	64.6	64.6	64.8	64.9	65.4	65.9
GE 4500	64.4	66.2	66.7	67.0	67.0	67.0	67.5	67.5	67.5	67.5	67.8	67.8	68.1	68.2	68.6	69.1
GE 4000	68.0	70.3	70.9	71.2	71.3	71.3	71.8	71.8	71.8	71.8	72.2	72.2	72.4	72.5	72.9	73.4
GE 3500	72.5	73.5	74.2	74.5	74.6	74.6	75.2	75.2	75.2	75.2	75.5	75.5	75.7	75.8	76.2	76.8
GF 3000	72.2	75.5	76.5	76.9	77.0	77.0	77.5	77.5	77.5	77.5	77.8	77.8	78.1	78.2	78.6	79.1
GE 2500	72.6	76.3	77.6	78.1	78.3	78.3	78.8	78.8	78.8	78.8	79.1	79.1	79.4	79.5	79.9	80.4
GE 2000	73.4	78.2	79.5	79.9	80.3	80.3	81.0	81.0	81.0	81.0	81.3	81.3	81.5	81.6	82.0	82.6
GE 1800	73.5	78.3	79.7	80.1	80.5	80.5	81.2	81.2	81.2	81.2	81.5	81.5	81.7	81.8	82.3	82.8
GF 1500	74.2	79.2	80.8	81.2	81.6	81.6	82.4	82.7	82.7	82.7	83.0	83.0	83.2	83.3	83.8	84.3
GE 1200	75.5	81.0	82.6	83.0	83.5	83.5	84.4	84.7	84.7	84.7	85.1	85.1	85.3	85.4	85.8	86.3
GE 1000	75.9	81.5	83.1	83.7	84.2	84.2	85.3	85.8	85.8	85.8	86.1	86.1	86.3	86.5	86.9	87.4
GE 900	76.1	81.8	83.7	84.2	84.7	84.8	85.9	86.5	86.5	86.5	86.9	87.0	87.2	87.3	87.7	88.3
GE 800	76.6	82.3	84.2	84.7	85.3	85.4	86.6	87.1	87.1	87.1	87.5	87.6	87.8	88.0	88.4	88.9
GE 700	76.9	82.9	84.9	85.5	86.0	86.1	87.3	88.0	88.1	88.2	88.6	88.7	88.9	89.0	89.5	90.0
GE 600	77.0	83.0	85.1	85.6	86.1	86.2	87.4	88.1	88.2	88.3	88.7	88.8	89.1	89.2	89.7	90.2
GE 500	77.2	83.4	85.5	86.1	86.7	86.9	88.2	88.9	89.0	89.1	89.6	89.7	90.2	90.3	91.1	91.7
GE 400	77.3	83.7	86.0	86.8	88.0	88.2	89.7	90.6	90.9	91.2	91.6	91.7	92.3	92.4	93.1	94.0
GE 300	77.4	83.9	86.3	87.1	89.0	89.2	90.8	91.7	92.0	92.6	93.0	93.2	93.9	94.0	94.7	95.6
GE 200	77.5	84.1	86.6	87.3	89.5	89.7	91.2	92.8	93.1	94.4	95.3	95.5	96.6	96.7	97.6	99.0
GE 100	77.5	84.2	86.7	87.4	89.6	89.8	91.3	92.9	93.2	94.5	95.5	95.7	96.8	96.9	97.8	99.4
GE 0	77.5	84.2	86.7	87.4	89.6	89.8	91.3	92.9	93.2	94.5	95.5	95.7	96.8	96.9	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.9	34.1	34.1	34.2	34.4	34.4	34.4	34.7	34.8	35.1	35.3	35.3	35.5	35.5	35.8	36.1
GE 20000	32.5	34.6	34.6	34.7	34.9	34.9	34.9	35.3	35.4	35.6	35.8	35.8	36.0	36.0	36.3	36.7
GE 18000	33.9	36.0	36.0	36.1	36.3	36.3	36.3	36.7	36.8	37.0	37.2	37.2	37.4	37.4	37.8	38.2
GE 16000	34.2	36.3	36.3	36.5	36.7	36.7	36.7	37.0	37.1	37.3	37.5	37.5	37.7	37.7	38.2	38.5
GE 14000	34.7	36.9	36.9	37.0	37.2	37.2	37.2	37.5	37.6	37.8	38.1	38.1	38.3	38.3	38.7	39.0
GE 12000	36.9	39.4	39.4	39.5	39.7	39.7	39.7	40.0	40.1	40.3	40.5	40.5	40.8	40.8	41.2	41.5
GE 10000	39.7	42.4	42.5	42.6	42.8	42.6	42.8	43.1	43.2	43.4	43.7	43.7	43.9	43.9	44.3	44.6
GE 9000	41.6	44.3	44.4	44.5	44.7	44.7	44.7	45.1	45.2	45.4	45.6	45.6	45.8	45.8	46.2	46.6
GE 8000	47.7	50.6	50.8	50.9	51.1	51.1	51.1	51.4	51.5	51.7	51.9	51.9	52.2	52.2	52.6	52.9
GE 7000	52.4	55.4	55.5	55.7	55.9	55.9	55.9	56.2	56.3	56.6	56.8	56.8	57.0	57.0	57.4	57.7
GE 6000	55.1	58.2	58.3	58.5	58.7	58.7	58.7	59.0	59.1	59.4	59.6	59.6	59.8	59.8	60.2	60.5
GE 5000	59.9	63.7	63.9	64.1	64.3	64.3	64.3	64.6	64.7	64.9	65.2	65.2	65.4	65.4	65.8	66.1
GE 4500	67.0	67.1	67.3	67.5	67.7	67.7	67.7	68.1	68.2	68.4	68.6	68.6	68.8	68.8	69.2	69.6
GE 4000	67.0	71.6	71.8	72.3	72.5	72.5	72.5	72.8	72.9	73.1	73.3	73.3	73.5	73.5	74.1	74.4
GE 3500	69.7	74.2	74.4	74.8	75.3	75.3	75.3	75.6	75.7	75.9	76.1	76.1	76.3	76.3	76.9	77.2
GE 3000	70.5	76.3	77.1	77.5	78.4	78.4	78.4	78.7	78.8	79.0	79.2	79.2	79.5	79.5	80.0	80.3
GE 2600	71.0	77.6	78.4	78.9	79.9	79.9	79.9	80.2	80.3	80.5	80.8	80.8	81.0	81.0	81.5	81.8
GE 2200	71.5	78.7	79.6	80.1	81.2	81.2	81.2	81.5	81.6	81.8	82.0	82.0	82.3	82.3	82.8	83.1
GE 1800	71.7	79.0	79.9	80.6	81.7	81.7	81.7	82.0	82.2	82.4	82.6	82.6	82.8	82.8	83.3	83.7
GE 1500	72.4	80.1	81.1	81.8	82.9	82.9	83.1	83.4	83.5	83.8	84.0	84.0	84.2	84.2	84.7	85.1
GE 1200	72.5	80.2	81.3	82.0	83.2	83.2	83.5	84.2	84.3	84.5	84.8	84.8	85.1	85.1	85.6	85.9
GE 1000	73.0	81.2	82.4	83.1	84.4	84.4	84.8	85.6	85.7	86.0	86.5	86.5	86.7	86.7	87.2	87.5
GE 900	73.1	81.5	82.7	83.4	84.7	84.7	85.2	85.9	86.0	86.3	87.0	87.0	87.2	87.2	87.7	88.1
GE 800	73.1	81.5	82.7	83.5	84.9	84.9	85.4	86.5	86.6	86.9	87.6	87.6	87.8	87.8	88.4	88.7
GE 700	73.2	82.0	83.2	84.1	85.5	85.5	85.9	87.0	87.2	87.6	88.4	88.4	88.7	88.7	89.2	89.6
GE 600	73.2	82.6	83.8	84.6	86.1	86.1	86.6	87.7	88.0	88.4	89.2	89.2	89.6	89.6	90.1	90.4
GE 500	73.7	83.8	85.3	86.2	87.8	87.8	88.4	89.8	90.1	90.6	91.5	91.5	91.9	91.9	92.5	92.8
GE 400	73.9	84.3	85.9	87.0	88.7	88.7	89.4	91.0	91.5	92.2	93.0	93.0	93.4	93.4	94.3	94.7
GE 300	74.0	84.5	86.1	87.2	89.4	89.4	90.2	91.8	92.4	93.2	94.3	94.4	94.9	95.1	95.9	96.3
GE 200	74.0	84.6	86.6	87.8	90.0	90.0	90.9	92.7	93.3	94.3	95.7	95.8	96.6	96.8	97.7	98.6
GE 100	74.0	84.6	86.6	87.8	90.1	90.1	91.0	92.9	93.5	94.5	96.2	96.3	97.1	97.4	98.8	100.0
GE 0	74.0	84.6	86.6	87.8	90.1	90.1	91.0	92.9	93.5	94.5	96.2	96.3	97.1	97.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.8	29.4	29.9	30.0	30.3	30.5	30.6	31.0	31.2	31.5	31.5	31.5	31.8	31.9	32.5	32.8
GE 20000	28.5	30.0	30.5	30.9	31.2	31.4	31.5	31.8	32.0	32.4	32.4	32.4	32.7	32.8	33.3	33.7
GE 18000	28.9	30.5	31.1	31.4	31.7	31.9	32.0	32.4	32.6	32.9	32.9	32.9	33.2	33.3	33.9	34.2
GE 16000	29.4	31.0	31.5	31.8	32.2	32.4	32.5	32.8	33.0	33.3	33.3	33.3	33.7	33.8	34.3	34.6
GE 14000	30.2	31.8	32.4	32.7	33.0	33.2	33.3	33.7	33.9	34.2	34.2	34.2	34.5	34.6	35.2	35.5
GE 12000	31.4	33.0	33.7	34.0	34.3	34.5	34.6	34.9	35.2	35.5	35.5	35.5	35.8	35.9	36.5	36.8
GE 10000	35.1	36.8	37.4	37.7	38.1	38.3	38.4	38.7	38.9	39.2	39.2	39.2	39.7	39.8	40.3	40.6
GE 9000	37.2	38.9	39.6	39.9	40.2	40.4	40.5	41.0	41.2	41.6	41.6	41.6	42.0	42.2	42.7	43.0
GE 8000	45.9	47.6	48.3	48.6	48.9	49.1	49.2	49.7	49.9	50.3	50.3	50.3	50.8	50.9	51.4	51.7
GE 7000	53.2	55.1	55.7	56.0	56.3	56.6	56.7	57.1	57.3	57.7	57.8	57.8	58.3	58.4	58.9	59.2
GE 6000	55.9	58.2	58.8	59.1	59.5	59.7	59.8	60.2	60.4	60.9	61.0	61.0	61.4	61.5	62.0	62.4
GE 5000	61.0	63.2	63.9	64.2	64.5	64.7	64.8	65.5	65.7	66.1	66.3	66.3	66.8	66.9	67.4	67.7
GE 4500	64.2	66.7	67.3	67.6	68.0	68.2	68.3	68.9	69.1	69.6	69.8	69.8	70.2	70.3	70.9	71.2
GE 4000	69.1	71.1	71.7	72.0	72.5	72.7	73.0	73.8	74.0	74.4	74.6	74.6	75.1	75.2	75.7	76.0
GE 3500	70.1	73.3	74.2	74.6	75.2	75.4	75.7	76.6	76.8	77.2	77.4	77.4	78.0	78.1	78.6	78.9
GE 3000	72.6	76.1	77.2	77.7	78.4	78.6	79.0	79.9	80.1	80.5	80.8	80.8	81.3	81.4	81.9	82.3
GE 2500	73.2	77.0	78.3	78.8	79.5	79.7	80.1	81.0	81.2	81.6	81.9	81.9	82.5	82.6	83.1	83.4
GE 2000	73.8	78.0	79.5	80.0	80.6	80.9	81.3	82.3	82.5	82.9	83.2	83.2	83.8	83.9	84.4	84.7
GE 1800	73.9	78.3	79.8	80.3	81.0	81.2	81.6	82.6	82.8	83.2	83.5	83.5	84.1	84.2	84.7	85.1
GE 1500	74.4	79.4	81.0	81.5	82.2	82.4	83.0	84.0	84.2	84.6	84.9	84.9	85.5	85.6	86.1	86.5
GE 1200	74.9	80.1	81.9	82.5	83.4	83.7	84.3	85.3	85.5	85.9	86.3	86.3	86.9	87.0	87.5	87.8
GE 1000	75.1	80.3	82.2	82.7	83.7	83.9	84.5	85.5	85.8	86.2	86.8	86.8	87.3	87.4	88.0	88.3
GE 900	75.4	80.6	82.5	83.0	84.0	84.2	84.8	85.9	86.2	86.8	87.4	87.4	88.0	88.1	88.6	88.9
GE 800	75.5	80.9	82.7	83.2	84.2	84.4	85.1	86.2	86.6	87.1	87.7	87.7	88.3	88.4	88.9	89.2
GE 700	75.5	81.2	83.1	83.7	84.7	84.9	85.8	87.0	87.3	88.0	88.7	88.7	89.2	89.4	89.9	90.2
GE 600	75.5	81.3	83.2	83.8	84.8	85.2	86.0	87.3	87.6	88.3	89.2	89.2	89.9	90.0	90.5	90.9
GE 500	75.9	82.0	84.2	84.7	86.1	86.6	87.4	88.8	89.1	89.9	90.9	90.9	91.6	91.7	92.4	92.7
GE 400	75.9	82.2	84.4	84.9	86.6	87.0	88.1	89.6	89.9	90.8	92.3	92.3	93.4	93.7	94.4	94.7
GE 300	75.9	82.2	84.5	85.2	87.2	87.7	89.2	91.3	91.6	92.5	94.2	94.3	95.5	95.9	96.7	97.0
GE 200	76.0	82.4	84.7	85.4	87.6	88.2	89.8	91.8	92.2	93.0	94.7	94.8	96.7	97.1	98.2	99.0
GE 100	76.0	82.4	84.7	85.4	87.6	88.2	89.8	91.8	92.2	93.0	94.8	94.9	96.9	97.3	98.6	99.8
GE 0	76.0	82.4	84.7	85.4	87.6	88.2	89.8	91.8	92.2	93.0	94.8	94.9	96.9	97.3	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.5	29.1	29.2	29.6	29.9	29.9	30.2	30.5	30.6	31.0	31.3	31.4	31.7	31.8	32.0	32.2
GE 20000	29.7	30.3	30.5	30.9	31.2	31.2	31.5	31.8	31.9	32.3	32.6	32.7	33.1	33.2	33.5	33.7
GE 18000	29.6	31.2	31.4	31.7	32.0	32.0	32.4	32.7	32.9	33.2	33.5	33.7	34.1	34.2	34.5	34.7
GE 16000	30.4	32.0	32.3	32.6	32.9	32.9	33.2	33.5	33.8	34.1	34.4	34.5	34.9	35.1	35.4	35.6
GE 14000	32.0	33.7	33.9	34.3	34.6	34.6	34.9	35.3	35.5	35.8	36.1	36.2	36.7	36.8	37.1	37.3
GE 12000	33.3	35.1	35.3	35.8	36.1	36.1	36.5	36.9	37.1	37.4	37.7	37.8	38.3	38.4	38.7	38.9
GE 10000	37.2	38.9	39.1	39.7	40.0	40.0	40.3	40.8	41.0	41.5	41.8	41.9	42.4	42.5	42.8	43.1
GE 9000	40.4	42.4	42.7	43.2	43.5	43.5	43.9	44.3	44.5	45.1	45.4	45.5	45.9	46.0	46.3	46.7
GE 8000	48.2	50.1	50.4	51.0	51.4	51.4	51.7	52.2	52.4	52.9	53.2	53.3	53.9	54.0	54.3	54.6
GE 7000	53.7	55.7	56.0	56.6	57.1	57.1	57.4	57.8	58.1	58.6	58.9	59.0	59.6	59.7	60.0	60.3
GE 6000	58.8	61.1	61.5	62.0	62.6	62.6	62.9	63.3	63.5	64.1	64.4	64.5	65.1	65.2	65.5	65.8
GE 5000	64.7	67.6	68.3	68.8	69.5	69.5	69.8	70.2	70.4	71.0	71.3	71.4	71.9	72.0	72.4	72.7
GE 4500	67.7	71.1	71.8	72.4	73.0	73.0	73.3	73.8	74.0	74.5	74.8	74.9	75.5	75.6	75.9	76.2
GE 4000	70.8	74.3	75.1	75.6	76.5	76.5	76.8	77.3	77.5	78.1	78.5	78.6	79.1	79.2	79.6	79.9
GE 3500	72.4	76.0	76.8	77.3	78.3	78.3	78.6	79.1	79.4	79.9	80.3	80.4	81.0	81.1	81.4	81.7
GE 3000	74.1	78.6	79.6	80.1	81.2	81.2	81.5	82.0	82.4	82.9	83.3	83.4	84.0	84.1	84.4	84.7
GE 2500	74.8	80.0	81.1	81.6	82.7	82.7	83.1	83.8	84.1	84.7	85.2	85.3	85.8	85.9	86.2	86.6
GE 2000	75.7	81.6	83.0	83.7	84.7	84.9	85.4	86.1	86.5	87.2	87.6	87.7	88.3	88.4	88.7	89.0
GE 1800	75.7	81.6	83.0	83.8	84.8	85.1	85.5	86.2	86.6	87.3	87.7	87.8	88.4	88.5	88.8	89.1
GE 1500	76.0	82.3	83.7	84.4	85.5	85.7	86.1	87.1	87.7	88.6	89.1	89.2	89.8	89.9	90.2	90.5
GE 1200	76.9	83.3	84.9	85.7	87.0	87.3	87.8	88.8	89.5	90.3	90.9	91.0	91.5	91.6	91.9	92.3
GE 1000	77.0	83.7	85.3	86.0	87.3	87.6	88.2	89.1	89.9	90.8	91.4	91.6	92.2	92.3	92.6	92.9
GE 900	77.0	83.7	85.3	86.1	87.4	87.7	88.3	89.2	90.0	90.9	91.7	91.9	92.6	92.7	93.0	93.3
GE 800	77.0	83.8	85.4	86.2	87.6	88.0	88.6	89.6	90.3	91.2	92.2	92.4	93.0	93.1	93.4	93.9
GE 700	77.0	83.9	85.7	86.6	88.0	88.3	88.9	89.9	90.8	91.6	92.6	92.8	93.4	93.5	93.9	94.3
GE 600	77.1	84.1	85.9	86.8	88.2	88.5	89.1	90.2	91.3	92.2	93.1	93.3	94.0	94.1	94.4	94.8
GE 500	77.4	84.4	86.3	87.2	88.7	89.0	89.7	90.8	91.8	92.9	93.8	94.4	95.2	95.3	95.6	96.0
GE 400	77.4	84.4	86.3	87.2	88.8	89.2	90.1	91.4	92.5	93.5	94.9	95.2	96.0	96.2	96.6	97.1
GE 300	77.4	84.4	86.3	87.2	88.8	89.2	90.2	91.6	92.9	94.2	95.7	95.9	97.2	97.6	98.2	98.8
GE 200	77.4	84.4	86.3	87.2	88.8	89.4	90.3	91.8	93.1	94.5	96.0	96.3	97.6	98.1	98.7	99.7
GE 100	77.4	84.4	86.5	87.3	88.9	89.5	90.4	91.9	93.2	94.6	96.1	96.5	97.7	98.2	98.8	100.0
GE 0	77.4	84.4	86.5	87.3	88.9	89.5	90.4	91.9	93.2	94.6	96.1	96.5	97.7	98.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.9	30.9	31.1	31.3	31.6	31.6	31.8	31.9	31.9	32.2	32.4	32.4	32.6	32.6	32.7	32.9
GE 20000	30.1	32.0	32.3	32.5	32.8	32.8	33.0	33.1	33.1	33.4	33.7	33.8	34.0	34.0	34.1	34.3
GE 18000	31.5	33.7	33.9	34.1	34.4	34.4	34.6	34.7	34.7	35.1	35.3	35.4	35.6	35.6	35.7	35.9
GE 16000	32.3	34.4	34.6	34.8	35.2	35.2	35.4	35.5	35.5	35.8	36.0	36.1	36.3	36.3	36.5	36.7
GE 14000	34.0	36.1	36.3	36.6	36.9	36.9	37.1	37.2	37.2	37.5	37.7	37.8	38.1	38.1	38.2	38.4
GE 12000	35.2	37.3	37.5	37.7	38.1	38.1	38.4	38.5	38.5	38.8	39.0	39.1	39.4	39.4	39.5	39.7
GE 10000	37.4	39.6	39.8	40.0	40.3	40.3	40.6	40.8	40.8	41.1	41.3	41.4	41.6	41.6	41.7	41.9
GE 9000	39.7	41.8	42.0	42.3	42.6	42.6	42.9	43.0	43.0	43.3	43.5	43.7	43.9	43.9	44.0	44.2
GE 8000	47.2	49.6	50.0	50.2	50.5	50.5	50.9	51.1	51.1	51.4	51.6	51.7	51.9	51.9	52.0	52.3
GE 7000	52.6	55.3	55.7	55.9	56.2	56.2	56.6	56.8	56.8	57.1	57.3	57.4	57.6	57.6	57.7	58.0
GE 6000	56.3	59.2	59.8	60.0	60.3	60.3	60.6	60.9	60.9	61.2	61.4	61.6	61.8	61.8	61.9	62.2
GE 5000	63.1	66.2	67.0	67.2	67.6	67.7	68.1	68.3	68.3	68.7	68.9	69.1	69.5	69.5	69.6	69.8
GE 4500	67.4	70.9	71.6	71.8	72.3	72.4	72.7	72.9	72.9	73.3	73.5	73.8	74.1	74.1	74.2	74.4
GE 4000	70.9	74.6	75.6	75.8	76.2	76.3	76.7	77.0	77.0	77.4	77.6	77.8	78.2	78.2	78.3	78.5
GE 3500	72.7	76.9	78.1	78.3	78.8	79.0	79.4	79.7	79.7	80.1	80.3	80.5	80.9	80.9	81.0	81.2
GE 3000	75.1	79.7	80.9	81.1	81.7	82.0	82.5	82.8	82.9	83.3	83.5	83.8	84.1	84.1	84.2	84.4
GE 2500	76.9	81.7	82.9	83.2	83.9	84.2	84.6	84.9	85.1	85.5	85.7	86.0	86.3	86.3	86.5	86.7
GE 2000	78.0	83.4	84.8	85.2	86.0	86.3	86.8	87.3	87.4	87.8	88.1	88.4	88.7	88.7	88.8	89.0
GE 1800	78.0	83.4	84.8	85.4	86.2	96.6	87.0	87.5	87.6	88.1	88.3	88.6	88.9	88.9	89.0	89.2
GE 1500	78.2	84.2	85.8	86.3	87.4	97.8	88.4	89.2	89.4	89.9	90.1	90.4	90.9	90.9	91.1	91.3
GE 1200	78.2	84.2	85.8	86.5	87.6	88.1	88.8	89.8	89.9	90.4	90.6	91.0	91.4	91.4	91.6	91.8
GE 1000	78.2	84.4	86.0	86.7	87.8	88.3	89.0	90.0	90.2	90.8	91.2	91.5	92.0	92.0	92.3	92.5
GE 900	78.3	84.5	86.1	86.8	88.0	88.4	89.1	90.2	90.4	91.2	91.6	91.9	92.5	92.5	92.7	92.9
GE 800	78.3	84.7	86.5	87.1	88.3	88.7	89.5	90.5	90.8	91.6	92.2	92.5	93.0	93.0	93.2	93.4
GE 700	78.4	84.8	86.6	87.3	88.5	88.9	89.7	90.8	91.0	91.8	92.4	92.8	93.3	93.3	93.5	93.8
GE 600	78.5	85.1	86.9	87.7	89.0	89.5	90.3	91.4	91.7	92.6	93.2	93.7	94.2	94.2	94.4	94.6
GE 500	78.6	85.3	87.1	88.0	89.5	89.9	91.0	92.0	92.4	93.7	94.3	94.7	95.3	95.3	95.5	95.7
GE 400	78.6	85.4	87.2	88.1	89.7	90.1	91.2	92.7	93.0	94.3	94.9	95.4	96.0	96.0	96.3	96.7
GE 300	78.6	85.6	87.6	88.5	90.1	90.5	91.6	93.1	93.4	94.9	95.9	96.3	97.2	97.3	98.0	98.4
GE 200	78.6	85.6	87.7	88.6	90.2	90.6	91.7	93.4	93.8	95.4	96.5	97.2	98.1	98.3	99.0	99.8
GE 100	78.6	85.6	87.7	88.6	90.2	90.6	91.7	93.4	93.8	95.4	96.5	97.2	98.1	98.3	99.0	99.9
GE 0	78.7	85.7	87.9	88.7	90.3	90.8	91.8	93.5	93.9	95.5	96.6	97.3	98.2	98.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.4	30.2	30.8	30.8	31.1	31.1	31.1	31.5	31.5	31.7	32.0	32.0	32.2	32.2	32.7	33.0
GE 20000	29.4	31.2	31.7	31.7	32.2	32.2	32.2	32.6	32.6	32.8	33.1	33.1	33.2	33.2	33.8	34.1
GE 18000	31.2	33.2	33.8	33.8	34.2	34.2	34.2	34.6	34.6	34.8	35.2	35.2	35.3	35.3	35.8	36.1
GE 16000	32.5	34.5	35.1	35.1	35.5	35.5	35.5	35.9	35.9	36.1	36.5	36.5	36.6	36.6	37.1	37.4
GE 14000	33.4	35.5	36.0	36.0	36.5	36.5	36.5	36.9	36.9	37.1	37.4	37.4	37.5	37.5	38.1	38.4
GE 12000	34.0	36.1	36.7	36.7	37.1	37.1	37.1	37.5	37.5	37.7	38.1	38.1	38.2	38.2	38.7	39.0
GE 10000	36.6	38.7	39.2	39.2	39.7	39.7	39.7	40.1	40.1	40.3	40.6	40.6	40.8	40.8	41.3	41.6
GE 9000	39.4	41.5	42.0	42.0	42.5	42.5	42.5	42.9	42.9	43.1	43.4	43.4	43.5	43.5	44.1	44.4
GE 8000	45.8	48.3	48.8	48.8	49.2	49.2	49.2	49.7	49.7	49.9	50.2	50.2	50.3	50.3	50.9	51.2
GE 7000	51.1	53.7	54.2	54.2	54.6	54.6	54.6	55.1	55.1	55.3	55.6	55.6	55.7	55.7	56.2	56.6
GE 6000	54.3	57.0	57.5	57.5	58.0	58.0	58.0	58.4	58.4	58.6	58.9	58.9	59.0	59.0	59.6	59.9
GE 5000	59.6	62.5	63.0	63.0	63.4	63.4	63.4	63.9	63.9	64.1	64.4	64.4	64.5	64.5	65.1	65.4
GE 4000	64.2	67.2	67.8	67.8	68.3	68.3	68.3	68.7	68.7	68.9	69.2	69.2	69.4	69.4	69.9	70.2
GE 3500	66.8	70.3	71.0	71.0	71.5	71.5	71.5	71.9	71.9	72.2	72.5	72.5	72.6	72.6	73.1	73.4
GE 3000	69.2	73.2	74.1	74.1	74.7	74.7	74.7	75.3	75.3	75.5	75.8	75.8	75.9	75.9	76.5	76.8
GE 2500	71.4	76.0	77.1	77.1	77.8	77.8	77.8	78.5	78.5	78.8	79.2	79.2	79.4	79.4	79.9	80.2
GE 2000	71.9	76.8	78.2	78.2	79.2	79.2	79.2	79.9	79.9	80.2	80.6	80.6	80.8	80.8	81.3	81.6
GE 1800	74.1	79.2	80.9	80.9	81.9	82.0	82.0	82.7	82.7	83.0	83.4	83.4	83.5	83.5	84.1	84.4
GE 1600	74.1	79.2	81.0	81.0	82.0	82.2	82.2	82.8	82.8	83.1	83.5	83.5	83.7	83.7	84.2	84.5
GE 1400	74.5	80.1	82.0	82.0	83.7	83.8	83.8	84.4	84.4	84.7	85.2	85.2	85.3	85.3	85.8	86.1
GE 1200	74.7	80.4	82.5	82.6	84.3	84.4	84.5	85.3	85.3	85.7	86.1	86.1	86.2	86.2	86.8	87.1
GE 1000	74.8	80.6	82.9	83.0	84.8	84.9	85.3	86.3	86.6	87.1	87.5	87.5	87.6	87.6	88.2	88.5
GE 900	74.8	80.6	82.9	83.0	84.8	84.9	85.3	86.3	86.6	87.2	87.6	87.6	87.7	87.7	88.3	88.6
GE 800	74.9	81.0	83.2	83.3	85.3	85.4	85.7	86.9	87.1	87.8	88.3	88.3	88.4	88.4	88.9	89.2
GE 700	74.9	81.1	83.3	83.4	85.4	85.5	85.8	87.1	87.3	88.2	88.6	88.6	88.7	88.7	89.2	89.7
GE 600	74.9	81.2	83.5	83.7	85.7	85.8	86.1	87.5	87.7	88.6	89.0	89.0	89.1	89.1	89.8	90.2
GE 500	75.2	82.5	84.9	85.1	87.3	87.4	87.8	89.6	89.8	90.8	91.2	91.4	91.5	91.5	92.3	92.7
GE 400	75.6	83.1	85.8	86.0	88.5	88.6	89.1	90.9	91.2	92.3	92.7	92.9	93.0	93.0	93.9	94.4
GE 300	75.6	83.3	86.1	86.6	89.4	89.5	90.2	92.2	92.5	93.8	94.4	94.8	95.6	95.6	96.6	97.3
GE 200	75.7	83.4	86.2	86.8	89.7	89.9	90.6	92.7	93.1	94.5	95.5	96.1	97.0	97.0	98.3	99.2
GE 100	75.7	83.5	86.3	86.9	89.8	90.0	90.8	92.9	93.3	94.7	95.7	96.5	97.3	97.3	98.6	99.6
GE 0	75.7	83.5	86.3	86.9	89.8	90.0	90.8	92.9	93.3	94.7	95.7	96.5	97.3	97.3	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.3	31.2	31.5	31.5	31.9	31.9	32.4	32.5	32.6	33.1	33.3	33.3	33.8	33.9	34.1	34.5
GE 20000	29.2	32.2	32.5	32.5	33.0	33.1	33.5	33.7	33.8	34.3	34.5	34.5	34.9	35.1	35.3	35.7
GE 18000	30.5	33.7	34.0	34.0	34.5	34.6	35.1	35.2	35.3	35.8	36.0	36.0	36.5	36.6	36.8	37.2
GE 16000	31.5	34.6	34.9	34.9	35.5	35.6	36.0	36.1	36.2	36.8	37.0	37.0	37.4	37.5	37.7	38.2
GE 14000	32.8	35.9	36.2	36.2	36.8	36.9	37.3	37.4	37.5	38.1	38.3	38.3	38.7	38.8	39.0	39.5
GE 12000	34.4	37.7	38.1	38.1	38.6	38.7	39.1	39.2	39.4	39.9	40.1	40.1	40.5	40.6	40.9	41.3
GE 10000	37.0	40.3	40.8	40.8	41.4	41.5	41.9	42.0	42.2	42.7	42.9	42.9	43.3	43.4	43.7	44.1
GE 9000	39.1	42.6	43.0	43.0	43.7	43.8	44.2	44.3	44.4	44.9	45.2	45.2	45.6	45.7	45.9	46.3
GE 8000	45.6	49.1	49.6	49.6	50.2	50.3	50.8	50.9	51.0	51.5	51.7	51.7	52.2	52.3	52.5	52.9
GE 7000	50.4	54.0	54.4	54.4	55.1	55.2	55.6	55.7	55.8	56.3	56.6	56.6	57.0	57.1	57.3	57.7
GE 6000	54.2	57.7	58.2	58.2	58.8	58.9	59.4	59.5	59.6	60.1	60.3	60.3	60.8	60.9	61.1	61.5
GE 5000	59.3	61.8	62.3	62.3	62.9	63.0	63.4	63.5	63.7	64.2	64.4	64.4	64.8	64.9	65.2	65.6
GE 4500	62.5	66.1	66.6	66.7	67.3	67.4	67.8	68.0	68.1	68.7	68.9	69.0	69.5	69.6	69.8	70.2
GE 4000	65.3	69.5	70.2	70.3	71.0	71.1	71.5	71.6	71.7	72.4	72.6	72.7	73.1	73.2	73.4	73.9
GE 3500	67.6	73.0	73.8	73.9	74.5	74.6	75.1	75.2	75.3	75.9	76.1	76.2	76.7	76.8	77.0	77.4
GE 3000	69.8	75.7	76.8	76.9	77.6	77.7	78.2	78.4	78.5	79.1	79.4	79.5	79.9	80.0	80.2	80.6
GE 2500	70.4	76.7	78.1	78.2	79.1	79.2	79.8	80.0	80.1	80.8	81.0	81.1	81.5	81.6	81.8	82.3
GE 2000	71.6	78.3	79.9	80.1	81.1	81.2	81.7	81.9	82.0	82.7	82.9	83.0	83.4	83.5	83.8	84.2
GE 1800	71.9	78.8	80.4	80.6	81.6	81.7	82.4	82.6	82.7	83.3	83.5	83.7	84.1	84.2	84.4	84.8
GE 1600	72.6	79.7	81.5	81.8	83.2	83.3	84.0	84.2	84.3	85.1	85.3	85.4	85.8	85.9	86.1	86.6
GE 1200	73.0	80.3	82.2	82.6	84.0	84.1	84.8	85.2	85.3	86.0	86.2	86.3	86.8	86.9	87.1	87.5
GE 1000	73.3	80.6	82.5	83.0	84.5	84.6	85.5	86.0	86.2	87.3	87.5	87.6	88.1	88.2	88.4	88.8
GE 900	73.5	80.9	82.9	83.4	85.1	85.2	86.0	86.6	86.8	88.0	88.2	88.3	88.7	88.8	89.0	89.5
GE 800	73.5	80.9	82.9	83.5	85.2	85.3	86.1	86.7	86.9	88.1	88.4	88.5	89.0	89.1	89.4	89.8
GE 700	73.7	81.0	83.1	83.8	85.4	85.5	86.3	86.9	87.2	88.6	89.0	89.1	89.7	89.8	90.2	90.6
GE 600	73.9	81.3	83.4	84.1	85.7	85.8	86.7	87.3	87.6	89.0	89.6	89.7	90.3	90.4	90.9	91.3
GE 500	73.9	81.5	83.8	84.8	86.7	86.8	87.6	88.3	88.6	90.0	90.5	90.8	91.5	91.6	92.0	92.7
GE 400	74.3	82.2	84.6	85.9	88.4	88.5	89.4	90.0	90.3	91.7	92.3	92.5	93.2	93.4	94.0	94.6
GE 300	74.5	82.7	85.3	86.6	89.4	89.5	90.4	91.3	91.6	93.0	93.5	94.0	95.1	95.3	96.0	96.8
GE 200	74.5	82.8	85.4	86.8	89.7	89.8	90.9	91.8	92.3	93.7	94.5	95.1	96.2	96.7	97.6	98.6
GE 100	74.5	82.8	85.4	86.8	89.7	89.8	90.9	91.8	92.3	93.7	94.6	95.7	96.9	97.4	98.7	99.8
GE 0	74.5	82.8	85.4	86.8	89.7	89.8	90.9	91.8	92.3	93.7	94.6	95.7	96.9	97.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.4	31.3	31.6	31.7	32.0	32.0	32.2	32.5	32.6	32.8	33.0	33.1	33.3	33.4	33.7	34.0
GE 20000	30.2	32.1	32.4	32.5	32.8	32.9	33.1	33.4	33.4	33.7	33.9	33.9	34.2	34.2	34.6	34.9
GE 18000	31.5	33.5	33.8	33.9	34.3	34.3	34.5	34.8	34.9	35.1	35.3	35.4	35.7	35.7	36.1	36.4
GE 16000	32.2	34.2	34.4	34.6	34.9	35.0	35.2	35.4	35.5	35.8	36.0	36.0	36.3	36.4	36.7	37.1
GE 14000	33.3	35.3	35.6	35.7	36.0	36.1	36.3	36.6	36.7	36.9	37.1	37.2	37.4	37.5	37.9	38.2
GE 12000	34.7	36.9	37.1	37.3	37.6	37.7	37.9	38.2	38.3	38.5	38.7	38.8	39.0	39.1	39.5	39.8
GE 10000	38.0	40.2	40.5	40.7	41.0	41.0	41.3	41.6	41.6	41.9	42.1	42.2	42.5	42.5	42.9	43.3
GE 9000	40.3	42.6	42.9	43.1	43.4	43.4	43.7	44.0	44.0	44.3	44.6	44.6	44.9	44.9	45.3	45.7
GE 8000	47.4	49.8	50.1	50.3	50.6	50.7	50.9	51.2	51.3	51.6	51.8	51.9	52.2	52.2	52.6	53.0
GE 7000	52.9	55.4	55.8	56.0	56.3	56.4	56.6	56.9	57.0	57.3	57.6	57.6	57.9	57.9	58.3	58.7
GE 6000	56.2	58.7	59.1	59.3	59.7	59.8	60.0	60.3	60.4	60.7	60.9	61.0	61.3	61.3	61.7	62.1
GE 5000	60.9	63.7	64.2	64.4	64.8	64.9	65.1	65.5	65.5	65.8	66.1	66.1	66.5	66.5	66.9	67.2
GE 4500	64.6	67.6	68.1	68.3	68.7	68.8	69.0	69.4	69.5	69.8	70.0	70.1	70.4	70.5	70.9	71.2
GE 4000	67.9	71.4	71.9	72.2	72.7	72.8	73.0	73.4	73.5	73.8	74.1	74.1	74.5	74.5	74.9	75.3
GE 3500	70.1	74.1	74.8	75.0	75.6	75.7	76.0	76.4	76.5	76.8	77.0	77.1	77.4	77.5	77.9	78.3
GE 3000	72.0	76.6	77.6	77.9	78.6	78.7	79.0	79.5	79.6	79.9	80.2	80.2	80.6	80.6	81.0	81.4
GE 2500	72.8	77.9	79.0	79.4	80.2	80.3	80.6	81.1	81.2	81.6	81.8	81.9	82.3	82.3	82.7	83.1
GE 2000	73.9	79.6	80.9	81.3	82.2	82.4	82.7	83.2	83.3	83.7	84.0	84.0	84.4	84.4	84.8	85.2
GE 1800	74.0	79.7	81.1	81.6	82.5	82.7	83.0	83.5	83.6	84.0	84.3	84.4	84.7	84.8	85.1	85.5
GE 1600	74.5	80.6	82.2	82.7	83.7	83.9	84.4	85.0	85.2	85.6	85.9	85.9	86.3	86.4	86.8	87.1
GE 1200	75.0	81.3	83.0	83.5	84.7	84.9	85.4	86.2	86.3	86.8	87.1	87.2	87.5	87.6	88.0	88.4
GE 1000	75.2	81.7	83.4	84.0	85.2	85.4	86.1	86.9	87.2	87.7	88.1	88.1	88.5	88.6	89.0	89.3
GE 900	75.4	82.0	83.7	84.4	85.6	85.8	86.4	87.3	87.6	88.2	88.6	88.7	89.1	89.2	89.6	89.9
GE 800	75.5	82.2	84.0	84.6	85.9	86.1	86.8	87.7	88.0	88.6	89.1	89.2	89.6	89.7	90.1	90.5
GE 700	75.6	82.4	84.3	85.0	86.2	86.4	87.2	88.1	88.5	89.2	89.7	89.8	90.3	90.3	90.7	91.1
GE 600	75.7	82.6	84.5	85.2	86.5	86.7	87.5	88.5	88.9	89.6	90.2	90.3	90.8	90.9	91.3	91.7
GE 500	75.9	83.3	85.3	86.1	87.5	87.8	88.6	89.7	90.1	91.0	91.6	91.8	92.3	92.4	92.9	93.4
GE 400	76.1	83.6	85.8	86.6	88.3	88.6	89.5	90.9	91.3	92.2	93.0	93.1	93.7	93.8	94.5	95.0
GE 300	76.1	83.8	86.1	87.0	89.0	89.3	90.4	91.9	92.4	93.4	94.4	94.6	95.5	95.7	96.5	97.1
GE 200	76.2	83.9	86.3	87.3	89.4	89.7	90.9	92.6	93.1	94.3	95.4	95.8	96.8	97.1	98.1	99.1
GE 100	76.2	84.0	86.3	87.3	89.4	89.8	90.9	92.6	93.2	94.4	95.6	96.0	97.2	97.4	98.6	99.7
GE 0	76.2	84.0	86.3	87.3	89.5	89.8	91.0	92.6	93.2	94.4	95.6	96.1	97.2	97.5	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.8	33.3	33.4	33.4	33.5	33.5	33.6	33.6	33.6	33.7	33.8	33.8	33.9	33.9	34.0	34.2
GE 20000	35.3	35.8	35.9	35.9	36.0	36.0	36.1	36.1	36.1	36.2	36.3	36.3	36.4	36.4	36.5	36.7
GE 18000	37.7	38.2	38.3	38.3	38.4	38.4	38.5	38.6	38.6	38.7	38.7	38.7	38.8	38.9	39.0	39.1
GE 16000	38.0	38.6	38.6	38.7	38.8	38.8	38.8	38.9	38.9	39.0	39.1	39.1	39.2	39.2	39.3	39.5
GE 14000	39.1	39.7	39.8	39.8	39.9	39.9	40.0	40.0	40.0	40.1	40.2	40.2	40.3	40.3	40.4	40.6
GE 12000	41.9	42.4	42.5	42.5	42.6	42.7	42.7	42.8	42.8	42.9	42.9	42.9	43.0	43.1	43.2	43.3
GE 10000	47.1	47.7	47.8	47.8	47.9	48.0	48.0	48.1	48.1	48.2	48.2	48.2	48.3	48.4	48.5	48.6
GE 9000	50.2	50.8	50.9	50.9	51.0	51.0	51.1	51.2	51.2	51.3	51.3	51.3	51.4	51.5	51.6	51.7
GE 8000	58.0	58.6	58.8	58.8	58.9	58.9	59.0	59.0	59.1	59.1	59.2	59.2	59.3	59.4	59.5	59.6
GE 7000	64.5	65.2	65.3	65.4	65.5	65.5	65.6	65.6	65.6	65.7	65.8	65.8	65.9	66.0	66.1	66.2
GE 6000	68.7	69.5	69.7	69.7	69.8	69.9	69.9	70.0	70.0	70.1	70.2	70.2	70.3	70.3	70.5	70.6
GE 5000	75.7	76.8	77.0	77.0	77.2	77.2	77.3	77.3	77.4	77.5	77.5	77.5	77.7	77.7	77.8	78.0
GE 4500	79.2	80.4	80.6	80.7	80.8	80.9	80.9	81.0	81.0	81.1	81.2	81.2	81.3	81.4	81.5	81.7
GE 4000	82.5	84.1	84.3	84.4	84.6	84.6	84.7	84.8	84.8	84.9	85.0	85.0	85.1	85.2	85.3	85.4
GE 3500	84.1	86.0	86.2	86.3	86.5	86.6	86.6	86.8	86.8	86.9	87.0	87.0	87.1	87.2	87.3	87.4
GE 3000	85.7	87.9	88.3	88.4	88.7	88.7	88.8	88.9	89.0	89.1	89.2	89.2	89.3	89.4	89.5	89.6
GE 2500	86.5	89.0	89.4	89.6	89.9	89.9	90.1	90.2	90.2	90.3	90.4	90.5	90.6	90.6	90.8	90.9
GE 2000	87.4	90.2	90.7	90.9	91.2	91.3	91.4	91.6	91.6	91.8	91.9	91.9	92.0	92.1	92.2	92.4
GE 1800	87.5	90.3	90.9	91.1	91.4	91.5	91.6	91.8	91.9	92.0	92.1	92.1	92.3	92.3	92.5	92.6
GE 1500	88.0	91.1	91.7	92.0	92.4	92.4	92.7	92.9	92.9	93.1	93.2	93.3	93.4	93.4	93.6	93.7
GE 1200	88.3	91.5	92.2	92.5	92.9	93.0	93.2	93.5	93.6	93.8	93.9	93.9	94.0	94.1	94.3	94.4
GE 1000	88.5	91.9	92.6	92.9	93.4	93.5	93.8	94.1	94.2	94.4	94.6	94.6	94.7	94.8	95.0	95.1
GE 900	88.6	92.0	92.7	93.0	93.6	93.7	94.0	94.3	94.4	94.6	94.8	94.9	95.0	95.1	95.2	95.4
GE 800	88.7	92.2	93.0	93.3	93.8	93.9	94.3	94.6	94.7	95.0	95.2	95.2	95.4	95.5	95.6	95.8
GE 700	88.8	92.4	93.2	93.5	94.1	94.2	94.6	95.0	95.1	95.3	95.6	95.6	95.8	95.9	96.0	96.2
GE 600	88.9	92.6	93.5	93.8	94.4	94.6	94.9	95.4	95.5	95.8	96.1	96.2	96.3	96.4	96.6	96.7
GE 500	89.1	93.0	93.9	94.3	95.0	95.1	95.5	96.0	96.2	96.5	96.8	96.9	97.2	97.2	97.4	97.6
GE 400	89.2	93.2	94.2	94.6	95.4	95.5	96.0	96.6	96.8	97.2	97.6	97.6	97.9	98.0	98.3	98.5
GE 300	89.3	93.4	94.4	94.9	95.7	95.8	96.4	97.0	97.2	97.7	98.1	98.2	98.6	98.7	99.0	99.3
GE 200	89.3	93.4	94.5	94.9	95.8	95.9	96.5	97.2	97.4	97.9	98.4	98.5	98.9	99.1	99.4	99.8
GE 100	89.3	93.4	94.5	94.9	95.8	95.9	96.5	97.2	97.4	97.9	98.4	98.5	99.0	99.1	99.5	99.9
GE 0	89.3	93.4	94.5	94.9	95.8	96.0	96.5	97.2	97.4	97.9	98.4	98.6	99.0	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 87639

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 78-87
MONTH: JAN

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												TOTAL OBS
	0	1	2	3	4	5	6	7	8	9	10	MEAN	
00-02	11.4			17.1						22.5	48.9	7.4	910
03-05	10.9			18.8						19.6	50.8	7.4	910
06-08	11.4			16.6						22.8	49.3	7.5	923
09-11	4.0			18.3						31.8	45.9	8.0	920
12-14	3.3			17.9						38.1	40.8	8.0	917
15-17	3.7			19.7						33.9	42.7	7.9	927
18-20	7.3			20.4						25.5	46.8	7.6	917
21-23	11.8			18.1						20.6	49.6	7.3	924
TOTALS	8.0			18.4						26.9	46.9	7.6	7348

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 78-87
MONTH: FEB

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												TOTAL OBS
	0	1	2	3	4	5	6	7	8	9	10	MEAN	
00-02	21.0			19.9						19.8	39.3	6.3	833
03-05	20.5			17.6						21.5	40.3	6.5	833
06-08	16.8			19.9						24.7	38.7	6.7	835
09-11	9.5			24.4						30.1	36.0	7.0	833
12-14	11.6			23.3						32.3	32.7	6.9	844
15-17	13.3			21.2						34.4	31.1	6.8	843
18-20	13.7			21.4						29.7	35.3	6.8	833
21-23	23.5			18.3						20.9	37.2	6.2	841
TOTALS	16.2			20.6						26.7	36.3	6.7	6695

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 78-87
MONTH: MAR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	19.1			22.2						22.8	35.9	6.3	930
03-05	21.1			19.4						21.7	37.8	6.3	930
06-08	12.1			22.8						32.3	32.9	6.9	927
09-11	7.5			24.4						36.3	31.7	7.2	930
12-14	6.[illegible]			25.2						35.6	32.9	7.2	930
15-17	5.8			25.5						36.8	31.9	7.3	930
18-20	6.6			22.6						36.2	34.6	7.4	930
21-23	14.3			23.3						26.7	35.7	6.7	930
TOTALS	11.6			23.2						31.1	34.2	6.9	7437

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 78-87
MONTH: APR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	15.3			22.9						25.6	36.2	6.6	900
03-05	10.7			25.1						23.0	41.2	6.9	900
06-08	5.5			25.4						30.1	39.0	7.4	899
09-11	5.0			27.7						29.3	38.0	7.3	900
12-14	2.4			25.9						35.6	36.1	7.6	900
15-17	1.4			26.0						34.8	37.8	7.7	900
18-20	2.4			25.1						33.8	38.7	7.7	900
21-23	7.3			25.6						27.9	39.2	7.2	900
TOTALS	6.3			25.5						30.0	38.3	7.3	7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 78-87
MONTH: MAY

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	2.3			20.9						38.7	38.2	7.9	930
03-05	1.8			22.2						38.0	38.1	7.9	930
06-08	2.9			19.7						44.5	32.9	7.9	930
09-11	2.4			20.4						42.5	34.7	7.9	930
12-14	.9			20.5						39.2	39.4	8.1	930
15-17	.6			18.6						43.8	37.0	8.2	930
18-20	.3			20.0						44.7	34.9	8.1	930
21-23	.3			20.9						38.4	40.4	8.1	930
TOTALS	1.4			20.4						41.2	37.0	8.0	7440

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 78-87
MONTH: JUN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02				16.6						38.3	45.1	8.5	900
03-05	.4			16.6						41.3	41.7	8.4	900
06-08	.8			16.4						43.4	39.3	8.3	900
09-11				17.3						42.9	39.8	8.4	900
12-14				15.9						44.4	39.7	8.4	900
15-17				16.1						46.0	37.9	8.4	900
18-20				15.4						47.9	36.7	8.4	900
21-23				15.2						46.1	38.7	8.5	900
TOTALS	.2			16.2						43.8	39.9	8.4	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 78-87
MONTH: JUL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	.6			13.8						38.6	47.0	8.6	930
03-05	.4			14.8						37.3	47.4	8.5	930
06-08	.1			15.3						41.7	42.9	8.5	930
09-11	.8			14.3						43.0	41.9	8.5	930
12-14	.2			15.8						42.8	41.2	8.4	930
15-17				18.8						42.1	39.2	8.3	927
18-20	.2			16.8						46.0	37.0	8.3	927
21-23				15.9						44.3	39.8	8.4	927
TOTALS	.3			15.7						42.0	42.1	8.4	7431

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 77-86
MONTH: AUG

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	6.2			24.9						28.6	40.2	7.3	930
03-05	3.3			23.8						30.9	42.0	7.7	930
06-08	1.8			20.6						40.0	37.6	8.0	929
09-11	1.2			22.2						38.5	38.2	7.9	930
12-14	.3			24.3						38.8	36.6	7.9	930
15-17	.1			23.2						38.5	38.2	8.0	930
18-20	.1			23.4						41.1	35.4	7.9	930
21-23	1.4			25.5						33.3	39.8	7.7	930
TOTALS	1.8			23.5						36.2	38.5	7.8	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 77-86
MONTH: SEP

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	10.1			21.1						24.6	44.2	7.3	900
03-05	9.3			23.4						23.6	43.7	7.2	900
06-08	1.8			20.5						33.9	43.8	8.1	899
09-11	1.0			24.7						33.8	40.5	7.8	899
12-14	.9			24.4						34.7	40.0	7.9	900
15-17	1.1			22.6						36.4	39.9	7.9	900
18-20	1.0			22.8						34.4	41.8	8.0	900
21-23	6.0			23.8						26.4	43.8	7.5	900
TOTALS	3.9			22.9						31.0	42.2	7.7	7198

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 77-86
MONTH: OCT

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	12.2			18.1						20.0	49.7	7.3	929
03-05	12.5			16.4						21.6	49.5	7.4	926
06-08	6.3			17.5						28.6	47.7	7.9	928
09-11	1.9			19.0						36.8	42.3	8.1	930
12-14	2.0			20.2						33.7	44.1	8.0	930
15-17	2.0			18.1						36.7	43.2	8.2	930
18-20	3.7			18.8						26.5	51.1	8.1	928
21-23	11.9			16.5						18.6	53.0	7.5	926
TOTALS	6.6			18.1						27.8	47.6	7.8	7427

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 77-86
MONTH: NOV

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	10.2			19.1						23.8	47.0	7.4	892
03-05	9.1			17.6						22.5	50.9	7.6	894
06-08	8.2			18.7						22.3	50.9	7.7	894
09-11	3.1			18.9						31.0	47.0	8.1	894
12-14	3.3			22.5						38.5	35.6	7.7	896
15-17	2.4			22.8						33.3	41.4	7.8	898
18-20	7.3			19.2						21.7	51.8	7.7	895
21-23	10.6			16.6						24.5	48.3	7.5	895
TOTALS	6.8			19.4						27.2	46.6	7.7	7158

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 77-86
MONTH: DEC

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

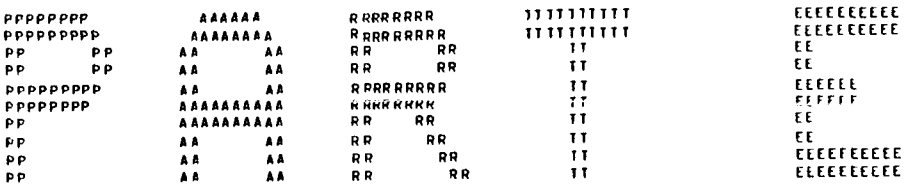
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	12.3			19.0						21.8	46.8	7.2	920
03-05	13.3			17.2						21.9	47.6	7.2	918
06-08	12.6			18.6						21.9	46.9	7.2	921
09-11	5.3			20.8						28.9	45.0	7.7	921
12-14	3.9			22.1						35.2	38.9	7.7	924
15-17	3.2			21.3						32.4	43.0	7.9	925
18-20	8.4			19.4						22.5	49.7	7.6	919
21-23	11.5			18.7						23.9	45.9	7.3	920
TOTALS	8.8			19.6						26.1	45.5	7.5	7368

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 77-87
MONTH: ALL

	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												TOTAL OBS
		0	1	2	3	4	5	6	7	8	9	10	MEAN	
JAN	ALL	8.0			18.4						26.9	46.9	7.6	7348
FEB		16.2			20.8						26.7	36.3	6.7	6695
MAR		11.6			23.2						31.1	34.2	6.9	7437
APR		6.3			25.5						30.0	38.3	7.3	7199
MAY		1.4			20.4						41.2	37.0	8.0	7440
JUN		.2			16.2						43.8	39.9	8.4	7200
JUL		.3			15.7						42.0	42.1	8.4	7431
AUG		1.8			23.5						36.2	38.5	7.8	7439
SEP		3.9			22.9						31.0	42.2	7.7	7198
OCT		6.6			18.1						27.8	47.6	7.8	7427
NOV		6.8			19.4						27.2	46.6	7.7	7158
DEC		8.8			19.6						26.1	45.5	7.5	7368
	TOTALS	6.0			20.3						32.5	41.3	7.7	87340


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TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM (MINIMUM AND MEAN) TEMPERATURES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PERCENTAGE TABULATIONS PRESENTED BY 5-DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 33 FAHRENHEIT DEGREE INCREMENT.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THERMOMETERS, THESE TEMPERATURES WERE SELECTED BY SCANNING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS (THOSE CONTAINING ASTERISKS).

FOUR OR MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTATION AND DISPLAY OF STATISTICAL VALUES.

EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PRESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ASTERIST INDICATES AN INCOMPLETE MONTH.

MEANS AND STANDARD DEVIATIONS FOR DRY BULB (WET BULB AND DEW POINT) TEMPERATURES

DATA DERIVED FROM HOURLY OBSERVATIONS.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE MEANS, STANDARD DEVIATION AND OBSERVATION COUNTS.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PERCENTAGE VALUES PRESENTED IN 10 DEGREE INCREMENTS OF RELATIVE HUMIDITY.

ALSO PRESENTED ARE THE MEAN VALUES AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MAXIMUM TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 41-87

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 85						.1							.0
GE 80					.1	.6	1.2	.2					.2
GE 75					.2	2.6	5.4	2.0					.9
GE 70					1.7	6.8	18.5	11.0	.4				3.5
GE 65				.1	6.0	26.9	47.0	37.4	3.4				10.4
GE 60				.7	17.6	59.6	81.6	73.4	20.5	.4			21.4
GE 55		.1		2.7	44.5	88.4	98.5	95.7	53.6	2.3	.1		32.5
GE 50		.5	.4	15.8	79.8	99.2	100.0	99.6	83.7	13.2	1.3	.4	41.6
GE 45	1.9	2.4	4.6	42.1	97.0	100.0		100.0	96.7	34.0	5.1	1.8	49.2
GE 40	5.6	8.9	21.3	70.7	99.4				99.1	56.3	10.9	5.5	56.9
GE 35	11.8	20.9	45.3	86.1	99.7				100.0	77.1	23.1	11.5	65.2
GE 30	22.2	38.0	65.7	95.7	99.9					90.6	39.9	24.0	73.3
GE 25	37.5	55.2	79.6	98.8						96.2	59.6	39.1	80.7
GE 20	52.8	69.2	90.3	99.4	100.0					98.5	74.3	54.6	86.8
GE 15	65.1	80.6	96.2	99.9						99.7	86.5	67.5	91.4
GE 10	78.0	90.8	98.2	99.9						100.0	95.1	78.5	95.1
GE 5	88.7	96.7	99.3	100.0							99.2	87.4	97.6
GE 0	94.0	99.5	99.9								99.8	93.5	98.9
GE -5	97.1	99.7	100.0								100.0	97.1	99.5
GE -10	98.6	99.9										99.4	99.8
GE -15	99.8	100.0										99.9	100.0
GE -20	100.0												100.0
GE -25												100.0	100.0
MEAN	19.6	25.1	32.0	42.6	54.2	61.4	64.6	63.0	54.9	40.4	26.6	20.0	42.0
SD	12.643	11.037	8.967	7.111	6.193	6.025	5.635	5.261	5.608	8.269	10.413	12.627	18.633
TOTAL OBS	1425	1299	1446	1409	1456	1410	1457	1426	1380	1426	1380	1426	16942

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MINIMUM TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 41-87

TEMPERATURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 65						.1							.0
GE 60						.3	1.2	.1					.1
GE 55						3.4	18.3	11.1	.2				2.8
GE 50					1.2	28.9	75.1	54.2	7.8				14.2
GE 45					11.7	75.4	96.5	85.8	34.3	1.0			25.7
GE 40		.1		.4	45.9	97.4	99.9	97.0	68.1	8.1	.3		35.1
GE 35	.1	.5	1.5	11.1	80.6	99.9	99.9	99.5	86.6	24.6	2.4	.1	42.6
GE 33	1.0	1.7	4.5	23.9	90.0	100.0	100.0	99.9	91.2	34.1	5.9	1.1	46.5
GE 30	3.9	5.6	11.3	48.3	96.8			99.9	96.1	53.9	11.4	3.6	53.0
GE 25	10.6	14.9	27.0	76.6	99.0			100.0	99.3	74.3	23.7	10.8	61.7
GE 20	20.3	26.8	44.3	88.6	99.6				100.0	84.1	37.8	22.1	69.0
GE 15	32.1	41.5	59.1	93.0	99.8					91.0	52.2	34.6	75.6
GE 10	44.1	54.4	71.8	96.7	99.9					96.1	64.7	48.7	81.6
GE 5	54.4	66.4	80.4	98.7						98.3	76.5	60.2	86.4
GE 0	65.6	75.6	87.6	99.4	100.0					99.5	86.2	70.8	90.5
GE -5	76.2	84.1	92.9	99.8						99.9	94.1	79.6	93.9
GE -10	86.0	91.5	97.3	99.9						100.0	98.6	86.6	96.7
GE -15	92.1	96.6	99.3	99.9							99.7	93.5	98.4
GE -20	96.4	98.5	99.7	100.0							100.0	96.8	99.3
GE -25	98.2	99.4	100.0									99.1	99.7
GE -30	99.3	99.7										99.7	99.9
GE -35	99.8											100.0	100.0
GE -40	100.0	99.8											100.0
GE -45		100.0											100.0
MEAN	5.9	9.7	15.6	27.6	38.7	47.2	51.5	49.3	41.5	28.5	14.3	7.3	28.1
SD	14.645	13.727	12.188	7.406	5.158	4.166	3.510	4.556	6.070	9.008	12.198	14.156	19.168
TOTAL OBS	1425	1299	1446	1409	1456	1410	1457	1426	1380	1426	1380	1426	16942

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MEAN TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 41-87

TEMP(F)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE	70						.4	.5						.1
GE	65					.1	1.6	6.0	1.9					.8
GE	60					.5	12.1	33.2	20.8	1.0				5.7
GE	55					4.7	46.7	84.7	68.2	9.3	.2			18.1
GE	50				.4	25.3	88.9	99.9	96.7	44.1	.8			30.0
GE	45			.2		3.7	67.1	99.9	100.0	99.7	78.6	9.2	.3		38.6
GE	40	.3	1.0	2.1	26.7	94.8	100.0			100.0	95.1	29.2	3.1	.7	46.5
GE	35	4.3	6.5	13.7	63.5	98.9					99.1	55.6	10.5	4.0	55.1
GE	30	11.5	17.7	35.6	83.7	99.3					99.9	77.8	23.6	11.2	63.7
GE	25	21.6	31.6	54.2	91.6	99.8					100.0	88.2	39.9	23.2	71.2
GE	20	34.1	48.4	70.0	97.2	99.9						94.4	55.7	37.0	78.3
GE	15	48.7	62.2	81.3	98.8	100.0						98.2	70.3	52.0	84.5
GE	10	59.5	74.1	89.8	99.5							99.3	82.2	64.3	89.2
GE	5	72.1	83.6	95.6	99.9							99.8	90.6	74.8	93.1
GE	0	82.9	91.0	98.3								100.0	97.3	83.3	96.1
GE	-5	90.7	96.8	99.3	100.0								99.6	90.0	98.0
GE	-10	95.0	99.3	99.9									99.9	96.1	99.2
GE	-15	97.8	99.6	100.0									100.0	98.2	99.6
GE	-20	99.0	99.8											99.7	99.9
GE	-25	99.9	99.9											99.9	100.0
GE	-30	100.0	100.0											100.0	100.0
MEAN		12.9	17.5	24.0	35.3	46.6	54.5	58.2	56.3	48.4	34.6	20.6	13.7	35.2
SD		13.450	12.063	10.170	6.750	4.949	4.303	3.755	3.864	5.095	8.268	11.046	13.219	18.699
TOTAL OBS		1425	1299	1448	1409	1456	1410	1457	1426	1380	1426	1380	1426	16942

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 41-87

WHOLE DEGREES FAHRENHEIT
-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
41			*45	*56	64	75	70	76	66	53	45	53	
42	47	49	50	53	75	77	76	71	69	57	30	28	77
43	29	58	43	58	69	80	73	75	62	57	48	52	80
44	43	50	49	58	*63	74	80	75	70	54	52	49	80
45	49	54	43	51	67	69	73	67	63	55	33	41	73
46	41	42	46	52	70	77	78	72	65	55	46	40	78
47	41	46	50	54	80	75	81	78	63	56	57	40	81
48	47	48	47	58	67	84	74	71	65	51	42	30	84
49	37	35	50	54	68	65	78	76	71	53	51	35	78
50	32	33	42	52	64	78	79	81	68	54	45	36	81
51	36	42	45	58	67	73	82	72	65	54	54	36	82
52	34	46	44	48	61	69	83	72	63	61	49	45	83
53	35	46	45	63	70	84	83	71	63	56	34	38	84
54	36	40	46	50	68	76	75	70	63	59	44	25	76
55	43	37	44	46	59	71	82	74	63	51	31	36	82
56	32	43	42	60	57	69	81	73	73	46	50	36	81
57	45	36	48	53	71	78	75	81	74	57	46	39	81
58	42	39	49	63	74	73	76	70	62	54	45	33	76
59	*42	44	42	52	71	80	73	74	64	53	41	35	80
60	42	40	43	58	74	72	83	76	59	53	47	43	83
61	49	35	44	53	64	74	73	67	67	51	46	37	74
62	43	40	47	50	59	70	73	72	66	52	51	48	73
63	39	40	46	51	72	66	73	75	69	62	35	44	75
64	33	44	37	48	70	72	72	68	63	53	41	26	72
65	48	39	51	60	61	63	75	69	68	51	45	37	75
66	39	44	46	55	60	73	75	68	65	63	39	37	75
67	30	41	51	60	66	75	81	71	60	55	54	53	81
68	39	51	42	55	70	75	75	82	64	48	40	39	82
69	23	43	42	54	79	86	75	72	63	60	47	49	86
70	36	46	49	51	65	70	75	67	65	52	45	51	75

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 41-87

WHOLE DEGREES FAHRENHEIT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
71	37	47	41	49	55	74	78	71	61	52	42	43	78
72	41	33	43	47	63	68	82	74	67	57	35	33	82
73	45	42	43	50	61	73	71	69	64	54	30	42	73
74	26	33	49	60	67	75	75	74	69	47	43	35	75
75	43	42	44	45	67	70	79	71	63	54	40	44	79
76	40	42	42	65	62	73	75	71	61	49	49	42	75
77	49	45	43	55	64	71	83	79	66	53	27	31	83
78	33	46	41	51	59	64	73	78	65	50	41	36	78
79	40	26	48	59	69	66	74	72	65	55	55	40	74
80	45	45	48	51	60	67	73	68	62	52	38	48	73
81	48	47	51	52	70	73	68	75	62	53	47	44	75
82	25	40	48	50	63	74	75	70	72	48	42	50	75
83	35	43	43	53	62	75	76	73	60	50	45	36	76
84	39	36	47	59	65	73	72	74	62	54	45	42	74
85	46	42	39	46	69	76	71	70	63	54	42	45	76
86	42	46	41	56	64	75	77	65	62	63	42	47	77
87	43	42	46	54	63	69	82						
MEAN	39.3	42.3	45.2	53.9	66.2	73.2	76.3	72.6	64.9	53.9	43.4	40.2	77.9
S.D.	6.621	5.843	3.438	4.825	5.488	4.988	3.983	3.901	3.485	3.901	6.923	7.019	3.776
TOTAL OBS	1425	1299	1448	1409	1456	1410	1457	1426	1380	1426	1380	1426	16942

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 41-87

WHOLE DEGREES FAHRENHEIT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
41			*-4	*23	29	34	34	40	24	4	-12	-17	
42	-6	11	-6	20	29	37	46	41	25	11	-16	-28	-28
43	-23	-26	-13	10	27	37	44	42	32	9	2	-9	-26
44	-28	-3	-19	-20	*31	33	40	40	30	11	-9	-21	-28
45	-8	-26	-10	-3	0	35	41	39	27	3	-15	-18	-26
46	-16	-20	-24	7	30	37	46	36	20	19	-10	-32	-32
47	-36	-43	10	6	25	36	44	36	22	12	8	3	-43
48	-15	-19	-10	0	27	40	38	29	26	20	-20	-22	-22
49	-23	-27	9	4	20	38	40	38	33	15	5	-26	-27
50	-17	-22	5	7	32	40	42	41	32	2	-10	-15	-22
51	-29	-15	-14	23	29	37	45	45	33	14	-1	-19	-29
52	-23	-5	-5	7	26	38	46	37	30	20	10	0	-23
53	-15	-17	-5	20	33	44	48	43	26	8	1	-6	-17
54	-11	-20	0	12	32	43	41	41	32	28	0	-18	-20
55	1	-12	-8	13	32	37	43	35	27	11	-8	-19	-19
56	-12	-22	-26	7	33	40	40	43	25	0	-12	-19	-22
57	-7	-8	14	23	29	47	43	47	29	22	16	-16	-16
58	-9	7	10	26	35	41	47	41	32	6	-3	-9	-9
59	*-11	-3	-15	10	30	43	46	41	32	3	2	-7	-15
60	-19	6	-4	12	35	42	46	41	33	21	-4	6	-19
61	-11	0	-13	14	32	37	46	42	33	-6	-14	-34	-34
62	-21	-8	-11	25	28	41	48	41	30	21	-7	-17	-21
63	-23	-7	2	3	31	42	48	41	37	14	-12	0	-23
64	-10	-19	-18	11	17	44	42	40	36	12	-12	-29	-28
65	-18	-15	11	18	23	41	45	36	30	8	-9	-20	-20
66	-18	-10	-10	19	32	46	47	46	35	9	-3	-18	-18
67	-14	-15	1	24	33	44	50	44	34	18	-7	-14	-15
68	-15	-17	8	6	31	41	50	41	26	16	-5	-15	-17
69	-18	-16	5	26	33	44	45	34	36	15	-10	5	-18
70	-17	0	15	11	29	37	43	40	27	-2	-7	-16	-17

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK PERIOD OF RECORD: 41-87

WHOLE DEGREES FAHRENHEIT

-M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
71	-30	-18	-23	18	30	40	44	45	30	3	-7	-14	-30
72	-30	-15	-13	4	31	40	48	48	30	22	2	-9	-30
73	-26	-12	-2	25	31	40	48	38	31	14	-9	-11	-26
74	-15	-9	-11	24	34	43	48	34	28	15	-12	-20	-20
75	-38	-15	-8	5	29	37	48	39	34	-4	-9	-29	-38
76	-17	-15	-4	9	31	39	44	41	31	4	11	-11	-17
77	12	9	-7	12	34	42	49	45	27	11	-6	-16	-16
78	-9	-2	4	16	34	42	45	43	32	17	1	-8	-9
79	0	-15	-8	20	34	41	46	41	35	23	14	-15	-15
80	-16	4	-1	24	31	42	42	38	29	17	-1	-21	-21
81	10	-4	16	15	34	41	43	41	25	17	0	-12	-12
82	-18	-12	-1	10	29	40	42	43	31	-5	-6	-11	-16
83	-18	-9	0	21	31	40	45	40	20	10	2	-6	-18
84	-18	-7	11	22	30	41	47	34	32	8	-4	-8	-18
85	11	-16	-1	-4	28	36	49	40	29	-2	-8	-3	-16
86	6	-9	-8	-5	30	40	43	39	25	13	-7	6	-9
87	-11	2	-5	22	32	39	43						
MEAN	-14.8	-11.2	-3.8	12.6	29.5	40.0	44.6	40.2	29.6	11.0	-4.3	-13.8	-21.5
S.D.	11.263	10.646	10.303	9.908	5.726	3.057	3.293	3.711	4.095	8.199	7.939	9.152	7.401
TOTAL OBS	1425	1299	1448	1409	1456	1410	1457	1426	1380	1426	1380	1426	16942

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	MEAN	18.6	17.4	25.3	31.7	43.0	50.1	54.5	52.8	45.3	33.5	21.2	15.6	34.2
00-02	SD	12.488	12.611	8.791	6.904	4.810	3.866	3.425	4.424	5.855	8.747	10.538	13.423	16.446
	TOT OBS	930	846	930	900	929	900	930	927	900	930	900	930	10952
	MEAN	18.4	16.7	25.6	30.0	40.6	47.8	52.7	51.1	44.0	32.7	21.0	15.7	33.0
03-05	SD	12.380	12.587	9.416	7.163	4.632	3.850	3.442	4.732	6.064	9.279	10.551	13.602	15.980
	TOT OBS	930	846	930	900	930	900	930	930	899	930	900	930	10955
	MEAN	18.5	16.2	22.7	30.2	42.6	50.0	53.9	51.6	43.6	32.2	20.8	15.6	33.2
06-08	SD	12.297	12.939	10.166	7.351	4.612	3.650	3.372	4.655	6.253	9.445	10.593	13.285	16.548
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
	MEAN	18.7	17.3	26.1	34.8	47.3	53.6	56.9	55.6	47.8	34.1	21.4	15.6	35.9
09-11	SD	11.909	12.356	8.783	7.568	4.806	4.254	3.971	4.386	5.706	8.988	10.414	13.146	17.499
	TOT OBS	930	846	929	900	930	900	930	930	900	930	900	930	10955
	MEAN	20.6	22.0	31.2	39.0	51.1	56.9	59.8	58.9	51.7	37.5	24.3	17.4	39.3
12-14	SD	11.586	10.391	7.226	7.766	5.298	4.976	4.592	5.194	5.669	8.314	8.759	12.448	17.330
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
	MEAN	21.2	24.0	33.5	40.8	52.5	58.3	61.3	60.7	53.5	38.6	24.4	17.7	40.6
15-17	SD	10.864	9.778	6.721	7.467	5.415	5.502	5.021	5.597	5.676	8.063	8.623	12.225	17.555
	TOT OBS	930	846	930	900	930	900	927	930	900	930	900	930	10953
	MEAN	19.5	21.2	31.6	39.2	51.1	57.0	60.3	59.4	51.1	36.0	22.2	16.4	38.8
18-20	SD	11.815	10.990	6.931	7.125	5.392	5.239	4.712	5.278	5.775	8.446	9.912	13.120	17.988
	TOT OBS	930	846	930	900	930	900	927	930	900	930	900	930	10953
	MEAN	18.9	18.5	27.7	35.1	47.0	53.7	57.3	55.4	47.2	34.1	21.4	16.0	36.1
21-23	SD	12.139	12.122	7.662	6.647	5.071	4.516	3.820	4.627	5.666	8.603	10.405	13.430	17.184
	TOT OBS	930	846	930	900	930	900	927	930	900	930	900	930	10953
	MEAN	19.3	19.2	27.7	35.1	46.9	53.4	57.1	55.7	48.0	34.8	22.1	16.3	36.4
ALL	SD	11.921	12.068	9.081	8.275	6.531	5.787	5.069	5.984	6.789	9.006	10.095	13.113	17.294
HOURS	TOT OBS	7440	6768	7439	7200	7439	7200	7431	7437	7199	7440	7200	7440	87633

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02	MEAN	17.2	15.9	23.0	28.7	38.6	45.6	50.9	49.7	42.3	31.2	20.0	14.6	31.5
	SD	11.868	12.092	8.232	6.428	4.027	3.261	2.891	4.073	5.807	8.174	10.049	12.911	15.355
	TOT OBS	929	846	927	900	929	900	930	923	900	930	900	930	10944
03-05	MEAN	17.0	15.4	21.7	27.4	37.1	44.2	49.6	48.3	41.2	30.5	19.8	14.6	30.7
	SD	11.748	12.089	8.843	6.759	4.241	3.483	3.098	4.489	5.998	8.574	10.128	13.028	15.104
	TOT OBS	927	846	927	900	930	900	930	927	899	930	900	930	10946
06-08	MEAN	17.1	14.9	20.6	27.6	38.6	45.6	50.3	48.7	40.9	30.0	19.6	14.6	30.8
	SD	11.656	12.402	9.477	6.980	4.031	2.991	2.829	4.374	6.114	8.747	10.187	12.765	15.482
	TOT OBS	927	846	927	900	930	900	930	927	900	930	900	929	10946
09-11	MEAN	17.4	15.7	23.5	30.6	41.2	47.5	52.0	51.2	43.9	31.5	20.2	14.6	32.5
	SD	11.323	11.745	8.082	6.720	3.767	3.051	2.807	3.712	5.424	8.182	9.941	12.640	15.821
	TOT OBS	929	846	926	900	930	900	930	927	900	930	900	930	10948
12-14	MEAN	19.1	19.8	27.2	33.2	43.0	49.1	53.5	52.9	46.0	33.9	22.8	16.3	34.8
	SD	10.525	9.869	6.470	6.424	3.878	3.243	2.960	3.804	5.048	7.410	8.247	11.896	15.070
	TOT OBS	930	846	929	900	930	900	930	930	900	930	900	929	10954
15-17	MEAN	19.6	21.4	28.8	34.3	43.6	49.6	54.2	53.9	47.0	34.7	22.8	16.6	35.6
	SD	10.256	9.306	5.955	6.025	3.918	3.435	2.977	3.844	4.925	7.250	8.137	11.685	15.001
	TOT OBS	929	846	927	900	930	900	927	930	900	930	900	930	10949
18-20	MEAN	18.0	19.1	27.7	33.6	42.8	49.0	53.8	53.3	46.0	33.0	20.9	15.4	34.5
	SD	11.206	10.414	6.177	5.879	3.930	3.424	2.873	3.726	5.171	7.771	9.519	12.610	15.646
	TOT OBS	930	846	927	900	930	900	927	930	900	930	900	930	10950
21-23	MEAN	17.5	16.8	25.0	31.1	40.8	47.6	52.5	51.4	43.7	31.6	20.2	15.0	32.8
	SD	11.498	11.577	7.183	5.904	3.903	3.340	2.688	3.828	5.492	8.043	9.921	12.897	15.610
	TOT OBS	929	846	927	900	930	900	927	929	900	930	900	929	10947
ALL HOURS	MEAN	17.9	17.4	24.7	30.8	40.7	47.3	52.1	51.2	43.9	32.0	20.8	15.2	32.9
	SD	11.304	11.457	8.125	6.888	4.558	3.767	3.300	4.448	5.918	8.180	9.621	12.580	15.488
	TOT OBS	7430	6768	7417	7200	7439	7200	7431	7423	7199	7440	7200	7437	87584

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 722720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	MEAN	11.8	8.8	15.5	21.6	32.4	46.6	47.5	46.7	38.5	26.7	15.6	9.1	26.4
00-02	SD	14.078	15.368	10.356	8.872	5.369	4.753	3.907	4.698	7.444	9.505	11.085	15.307	17.119
	TOT OBS	929	846	927	900	929	900	930	929	900	930	900	930	10944
	MEAN	11.1	8.4	15.5	21.5	32.0	46.7	46.8	47.7	37.6	26.3	15.5	8.9	25.9
03-05	SD	13.917	15.269	10.858	9.139	5.626	4.594	4.045	5.275	7.444	9.709	11.216	15.508	17.030
	TOT OBS	927	846	927	900	930	900	930	929	899	930	900	930	10946
	MEAN	11.1	8.6	14.6	21.7	33.0	46.7	47.1	45.9	37.4	25.6	15.2	9.1	25.9
06-08	SD	13.786	15.449	11.175	9.170	5.162	4.772	5.041	5.184	7.524	9.862	11.514	15.315	17.239
	TOT OBS	927	846	927	900	930	900	930	929	900	930	900	929	10946
	MEAN	11.0	8.6	14.6	22.5	33.0	46.7	47.6	47.4	39.2	26.4	15.6	9.1	26.7
09-11	SD	13.872	14.642	9.963	8.816	5.387	4.571	5.035	4.819	7.171	9.394	11.200	15.019	17.107
	TOT OBS	927	846	927	900	930	900	930	929	900	930	900	930	10948
	MEAN	13.2	12.2	18.2	25.8	36.6	48.9	47.9	47.5	39.8	27.9	17.9	11.0	27.7
12-14	SD	12.791	12.761	8.986	8.671	5.705	4.497	4.119	5.001	7.165	8.983	9.419	14.026	16.020
	TOT OBS	930	846	929	900	930	900	930	929	900	930	900	929	10954
	MEAN	13.5	11.7	16.8	23.7	32.9	46.7	48.2	47.8	39.8	28.2	18.0	11.2	28.0
15-17	SD	12.584	12.453	8.797	8.548	5.884	5.134	4.284	5.164	7.306	9.133	9.270	13.864	15.885
	TOT OBS	929	846	927	900	930	900	930	929	900	930	900	930	10949
	MEAN	12.1	11.2	17.1	23.7	32.1	46.7	48.0	47.8	40.2	27.8	16.4	9.9	27.5
18-20	SD	13.494	13.471	8.930	8.171	6.006	5.127	4.226	4.951	7.291	9.299	10.647	15.176	16.668
	TOT OBS	930	846	927	900	930	900	930	929	900	930	900	930	10954
	MEAN	11.7	9.4	16.1	23.6	32.6	46.2	46.7	47.8	39.3	26.9	15.8	9.4	27.1
21-23	SD	13.655	14.794	9.695	8.240	5.711	5.176	5.230	4.887	7.315	9.521	10.961	15.341	17.052
	TOT OBS	929	846	927	900	930	900	930	929	900	930	900	929	10947
	MEAN	11.9	9.9	17.1	22.7	32.5	46.7	47.7	47.1	38.9	27.0	16.2	9.7	26.9
ALL	SD	13.498	14.495	9.986	8.712	5.595	4.862	4.844	5.075	7.391	9.457	10.739	14.986	16.780
HOURS	TOT OBS	7433	6768	7417	7200	7439	7200	7441	7423	7199	7443	7200	7437	87560

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JAN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	0-3	100.0	100.0	99.6	98.4	93.6	83.9	65.7	32.5	10.2	73.9	929
	4-7	100.0	100.0	99.7	97.7	93.0	86.5	65.9	33.1	9.5	73.9	927
	8-11	100.0	100.0	99.9	98.4	93.7	84.7	64.8	30.7	7.8	73.5	927
	12-15	100.0	100.0	99.7	98.8	93.8	84.2	66.0	29.8	7.6	73.6	929
	16-19	100.0	99.9	99.4	98.1	93.2	84.1	64.3	33.9	8.2	73.5	930
	20-23	100.0	100.0	99.2	97.7	91.6	81.4	62.1	32.5	8.8	72.8	929
	00-23	100.0	100.0	99.6	97.7	91.7	85.2	63.7	34.0	9.8	73.7	930
	12-23	100.0	100.0	99.6	98.6	92.6	85.6	66.1	32.9	9.0	73.9	929
	TOTAL	100.0	100.0	99.6	98.2	92.9	84.5	64.8	32.4	8.9	73.6	7430

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: FEB

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	98.2	94.9	87.9	74.2	54.5	27.4	7.6	70.0	846
	03-05	100.0	99.9	98.8	95.5	89.2	75.4	56.0	27.8	7.8	70.7	846
	06-08	100.0	99.9	98.8	96.5	88.3	77.9	55.6	25.7	6.7	70.6	846
	09-11	100.0	100.0	98.6	95.5	87.8	75.2	52.1	24.9	6.6	69.6	846
	12-14	100.0	100.0	98.0	94.2	84.4	68.2	44.7	21.9	4.8	67.3	846
	15-17	100.0	99.6	97.3	91.6	78.8	59.0	38.2	17.6	5.1	64.4	846
	18-20	100.0	99.6	97.4	93.0	82.0	65.5	45.0	21.4	6.6	66.8	846
	21-23	100.0	100.0	97.5	94.2	85.8	72.2	50.6	24.7	6.6	68.8	846
	TOTALS	100.0	99.9	98.1	94.4	85.5	71.0	49.6	23.9	6.5	68.5	6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	98.2	91.4	75.9	47.9	24.6	7.8	70.1	927
	03-05	100.0	100.0	100.0	98.8	92.3	78.9	53.2	27.2	7.6	71.3	927
	06-08	100.0	100.0	100.0	99.4	94.1	80.7	55.2	26.5	7.1	71.8	927
	09-11	100.0	100.0	99.9	97.9	90.1	69.2	42.4	18.8	5.4	68.0	926
	12-14	100.0	100.0	99.4	94.3	68.5	41.7	22.1	9.8	3.3	59.5	929
	15-17	100.0	100.0	98.7	87.2	59.7	34.8	16.4	7.6	2.8	56.1	927
	18-20	100.0	100.0	99.5	91.9	72.2	49.2	27.5	14.1	3.9	61.5	927
	21-23	100.0	100.0	99.8	97.6	87.7	70.3	46.4	23.0	6.8	68.4	927
	TOTALS	100.0	100.0	99.7	95.7	82.0	62.6	38.9	19.0	5.6	65.8	7417

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: APR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	99.8	97.4	89.4	74.4	46.3	20.9	3.7	68.8	900
	03-05	100.0	100.0	99.7	97.9	92.1	81.0	56.0	28.0	6.2	71.6	900
	06-08	100.0	100.0	99.8	98.3	93.2	82.1	54.2	25.9	5.6	71.5	900
	09-11	100.0	100.0	99.3	94.7	79.4	51.9	24.6	11.9	2.9	62.1	900
	12-14	100.0	100.0	96.0	81.9	54.2	27.9	13.4	7.6	1.2	53.8	900
	15-17	100.0	99.9	93.6	75.4	45.4	25.2	12.3	5.3	.7	51.6	900
	18-20	100.0	99.8	97.4	84.2	61.2	34.1	15.7	7.0	1.0	55.5	900
	21-23	100.0	100.0	98.8	94.7	81.7	61.1	32.4	13.0	3.1	64.0	900
	TOTALS	100.0	100.0	98.1	90.6	74.6	54.7	31.9	15.0	3.1	62.4	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 72272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: MAY

MONTH	HOURS (EST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUMBER OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	99.9	98.6	88.5	66.4	39.8	16.8	5.4	67.2	925
	03-05	100.0	100.0	100.0	99.7	97.1	82.8	56.0	24.2	6.0	72.2	930
	06-08	100.0	100.0	100.0	99.6	94.5	76.5	44.1	17.1	5.1	69.5	930
	09-11	100.0	100.0	99.6	92.8	70.4	41.9	18.4	5.8	1.6	58.9	930
	12-14	100.0	100.0	97.0	77.8	43.2	20.1	8.8	3.0	.8	50.7	930
	15-17	100.0	100.0	94.5	68.9	34.8	14.5	7.1	2.4	.1	47.9	930
	18-20	100.0	100.0	95.4	73.9	42.4	18.0	8.0	3.4	.3	49.8	930
	21-23	100.0	100.0	99.1	91.1	69.0	45.2	20.1	6.5	1.9	59.0	930
	TOTALS	100.0	100.0	98.2	87.7	67.5	45.7	25.1	9.9	2.8	59.4	7435

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 72227 STATION NAME: FT MENGORF AFB AR

PERIOD OF RECORD: 78-87
MONTH: JUN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	99.7	93.1	77.9	53.6	21.7	7.2	70.9	900
	03-05	100.0	100.0	100.0	100.0	98.8	89.7	64.3	31.1	8.3	75.0	900
	06-08	100.0	100.0	100.0	100.0	95.9	80.9	53.6	22.6	5.8	71.4	900
	09-11	100.0	100.0	99.8	97.3	83.9	57.9	32.9	10.9	2.9	63.7	900
	12-14	100.0	100.0	98.9	90.3	64.8	35.2	17.8	5.7	1.2	56.8	900
	15-17	100.0	99.9	96.9	82.6	51.1	29.2	15.8	3.9	1.0	53.7	900
	18-20	100.0	99.8	98.9	86.7	59.1	36.2	18.7	6.8	1.7	56.2	900
	21-23	100.0	100.0	99.8	95.9	78.6	56.9	31.7	12.9	3.1	63.7	900
	ALL HRS	100.0	100.0	99.2	94.1	78.1	57.9	36.1	14.3	3.9	63.9	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 78-87
MONTH: JUL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	0-02	100.0	100.0	100.0	100.0	99.1	91.1	74.4	41.7	15.1	78.0	930
	03-05	100.0	100.0	100.0	100.0	99.4	96.0	83.4	52.7	18.7	80.7	930
	06-08	100.0	100.0	100.0	100.0	99.4	92.3	78.0	43.1	15.1	78.6	930
	09-11	100.0	100.0	99.9	99.7	94.0	80.3	56.9	26.0	6.5	72.1	930
	12-14	100.0	100.0	99.8	98.0	86.2	61.7	37.5	14.5	4.0	66.1	930
	15-17	100.0	100.0	99.0	95.1	81.6	52.4	29.8	12.2	3.7	63.3	927
	18-20	100.0	100.0	99.2	96.2	85.9	59.1	35.3	15.1	3.9	65.4	927
	21-23	100.0	100.0	100.0	99.6	94.7	79.9	56.7	28.2	7.8	72.7	927
	TOTALS	100.0	100.0	99.7	98.6	92.5	76.6	56.5	29.2	9.4	72.1	7431

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: AUG

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	99.2	95.0	82.3	50.7	16.1	80.2	923
	03-05	100.0	100.0	100.0	100.0	99.8	97.6	89.5	59.3	17.7	82.1	927
	06-08	100.0	100.0	100.0	100.0	99.4	96.7	87.2	55.6	15.1	81.2	927
	09-11	100.0	100.0	100.0	99.5	97.4	84.0	62.1	32.4	6.9	74.1	927
	12-14	100.0	100.0	100.0	98.0	87.3	64.7	42.4	18.6	3.8	67.3	930
	15-17	100.0	100.0	99.7	95.4	79.7	54.9	33.8	14.5	2.9	64.0	930
	18-20	100.0	100.0	99.9	97.4	84.6	65.3	41.5	18.4	4.2	67.0	930
	21-23	100.0	100.0	100.0	100.0	97.2	88.8	70.7	40.4	9.3	76.6	929
	TOTALS	100.0	100.0	100.0	98.8	93.1	80.9	63.7	36.2	9.5	74.1	7423

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 702720 STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: SEP

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	99.0	97.1	91.3	76.8	42.4	12.3	77.5	900
	03-05	100.0	100.0	100.0	99.4	96.8	93.8	82.4	47.8	12.7	78.8	899
	06-08	100.0	100.0	100.0	99.6	97.4	93.6	84.3	47.9	15.2	79.4	900
	09-11	100.0	100.0	100.0	98.3	94.8	85.4	61.0	28.6	7.7	73.2	900
	12-14	100.0	100.0	99.9	95.7	84.4	59.4	35.6	15.3	3.4	64.7	900
	15-17	100.0	100.0	99.2	92.9	73.8	49.4	29.3	12.7	3.7	61.5	900
	18-20	100.0	100.0	99.4	95.7	87.2	69.2	45.4	20.0	4.7	67.6	900
	21-23	100.0	100.0	100.0	98.1	94.9	86.9	69.1	35.6	7.6	74.9	900
	TOTALS	100.0	100.0	99.8	97.3	90.8	78.6	60.5	31.3	8.4	72.2	7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-86
MONTH: OCT

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	96.8	87.7	70.5	43.7	12.5	76.7	930
	03-05	100.0	100.0	100.0	99.8	96.9	88.7	72.5	43.4	12.6	77.0	930
	06-08	100.0	100.0	100.0	99.8	98.0	91.3	74.3	44.2	14.2	77.4	930
	09-11	100.0	100.0	100.0	99.5	96.8	86.5	64.5	39.1	11.0	75.5	930
	12-14	100.0	100.0	99.9	98.8	88.7	68.9	45.7	25.9	8.3	69.4	930
	15-17	100.0	100.0	100.0	98.0	84.8	63.8	42.6	23.8	7.3	67.6	930
	18-20	100.0	100.0	100.0	98.8	93.4	80.4	58.3	33.0	8.7	73.0	930
	21-23	100.0	100.0	100.0	99.6	95.7	85.8	67.0	40.0	12.2	75.5	930
	TOTALS	100.0	100.0	100.0	99.3	93.9	81.6	61.9	36.6	10.9	74.0	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

STATION NUMBER: 7 [illegible] STATION NAME: [illegible] AFB AK

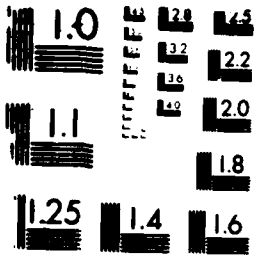
RELATIVE HUMIDITY

FIRST ... OF RECORDS: 77-86

	MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
	77.5	931
	74.9	930
	75.6	929
	75.9	930
	76.1	929
	75.9	930
	75.7	930
	75.6	929
	75.7	7437

AD-A187 847 ELMENDORF AFB ALASKA REVISED UNIFORM SUMMARY OF SURFACE 4/4
WEATHER OBSERVATIONS PARTS A-F(U) AIR FORCE
ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A..
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RESOLUTION TEST CHART

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

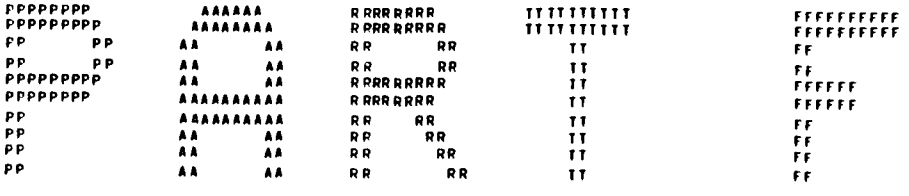
CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-87
MONTH: ALL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.6	98.2	92.9	84.5	64.8	32.4	8.9	73.6	7430
FEB		100.0	99.9	98.1	94.4	85.5	71.0	49.6	23.9	6.5	68.5	6766
MAR		100.0	100.0	99.7	95.7	82.0	62.6	38.9	19.0	5.6	65.8	7417
APR		100.0	100.0	98.1	90.6	74.6	54.7	31.9	15.0	3.1	62.4	7200
MAY		100.0	100.0	98.2	87.7	67.5	45.7	25.3	9.9	2.4	59.4	7439
JUN		100.0	100.0	99.2	94.1	78.1	57.9	36.0	14.3	3.9	63.9	7200
JUL		100.0	100.0	99.7	98.6	92.5	76.6	56.5	29.2	9.4	72.1	7431
AUG		100.0	100.0	100.0	98.8	93.1	80.9	63.7	36.2	9.5	74.1	7423
SEP		100.0	100.0	99.8	97.3	90.8	78.6	60.5	31.3	8.4	72.2	7199
OCT		100.0	100.0	100.0	99.3	93.9	81.6	61.9	36.6	10.9	74.0	7440
NOV		100.0	100.0	99.9	99.6	98.0	93.1	79.9	47.9	14.4	78.6	7200
DEC		100.0	100.0	99.9	99.2	94.6	86.8	69.6	38.7	13.7	75.7	7437
	TOTALS	100.0	100.0	99.4	96.1	87.0	72.8	53.2	27.9	8.1	70.0	87584


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PRESSURE SUMMARIES

STATION PRSSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

SEA LEVEL PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	MEAN	29.409	29.436	29.467	29.535	29.624	29.678	29.739	29.680	29.574	29.383	29.433	29.495	29.538
	SD	.433	.412	.292	.309	.231	.211	.164	.200	.268	.366	.438	.481	.352
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
03	MEAN	29.409	29.440	29.470	29.536	29.629	29.682	29.744	29.682	29.575	29.381	29.432	29.494	29.540
	SD	.436	.411	.292	.311	.232	.213	.165	.202	.269	.367	.440	.480	.353
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
06	MEAN	29.401	29.432	29.465	29.536	29.629	29.683	29.744	29.682	29.571	29.378	29.426	29.486	29.537
	SD	.434	.410	.292	.310	.233	.214	.164	.204	.269	.367	.440	.479	.354
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
09	MEAN	29.404	29.435	29.470	29.541	29.630	29.684	29.748	29.686	29.578	29.384	29.432	29.489	29.541
	SD	.435	.409	.292	.311	.233	.216	.165	.205	.270	.365	.440	.479	.353
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
12	MEAN	29.418	29.447	29.475	29.538	29.623	29.678	29.748	29.684	29.581	29.392	29.443	29.502	29.545
	SD	.434	.409	.294	.312	.231	.215	.165	.205	.271	.362	.442	.480	.352
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
15	MEAN	29.405	29.435	29.462	29.522	29.610	29.667	29.737	29.672	29.566	29.380	29.434	29.492	29.532
	SD	.433	.410	.291	.312	.229	.215	.164	.203	.271	.359	.442	.479	.351
	TOT OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
18	MEAN	29.400	29.428	29.448	29.509	29.600	29.655	29.724	29.657	29.552	29.372	29.429	29.490	29.523
	SD	.432	.411	.290	.311	.227	.212	.162	.201	.271	.359	.443	.475	.349
	TOT OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
21	MEAN	29.400	29.436	29.456	29.518	29.611	29.661	29.727	29.662	29.560	29.378	29.430	29.492	29.528
	SD	.433	.411	.291	.310	.226	.211	.161	.201	.274	.359	.445	.475	.350
	TOT OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
ALL HOURS	MEAN	29.406	29.436	29.464	29.529	29.619	29.673	29.739	29.676	29.570	29.381	29.432	29.492	29.535
	SD	.433	.410	.291	.310	.230	.213	.164	.203	.270	.363	.441	.478	.352
	TOT OBS	2480	2256	2480	2400	2480	2400	2477	2480	2400	2480	2400	2480	29213

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 70272C STATION NAME: ELMENDORF AFB AK

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	MEAN	1004.3	1005.2	1006.2	1008.5	1011.4	1013.2	1015.3	1013.2	1009.7	1003.2	1005.1	1007.3	1008.6
	SD	14.847	14.073	10.013	10.616	7.982	7.317	5.691	6.929	9.245	12.506	14.980	16.464	12.018
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
03	MEAN	1004.3	1005.4	1006.3	1008.5	1011.6	1013.4	1015.5	1013.3	1009.7	1003.2	1005.1	1007.2	1008.6
	SD	14.910	14.063	10.004	10.633	8.027	7.363	5.742	6.993	9.255	12.565	15.048	16.449	12.063
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
06	MEAN	1004.0	1005.1	1006.1	1008.5	1011.6	1013.4	1015.5	1013.3	1009.6	1003.0	1004.9	1007.0	1008.5
	SD	14.879	13.987	10.014	10.648	8.056	7.425	5.706	7.061	9.253	12.545	15.038	16.440	12.089
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
09	MEAN	1004.1	1005.2	1006.3	1008.7	1011.6	1013.4	1015.6	1013.4	1009.8	1003.3	1005.1	1007.1	1008.7
	SD	14.890	13.976	10.010	10.678	8.024	7.475	5.725	7.107	9.252	12.492	15.051	16.411	12.078
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
12	MEAN	1004.6	1005.6	1006.4	1008.6	1011.4	1013.2	1015.6	1013.4	1009.9	1003.6	1005.4	1007.5	1008.8
	SD	14.908	13.973	10.064	10.712	7.958	7.442	5.728	7.083	9.318	12.404	15.108	16.447	12.024
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
15	MEAN	1004.2	1005.2	1006.0	1008.0	1010.9	1012.8	1015.2	1012.9	1009.4	1003.2	1005.1	1007.2	1008.4
	SD	14.816	14.017	9.983	10.689	7.903	7.436	5.711	7.025	9.336	12.278	15.150	16.388	11.991
	TOT OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
18	MEAN	1004.0	1005.0	1005.5	1007.6	1010.5	1012.4	1014.8	1012.4	1008.9	1002.9	1004.9	1007.1	1008.0
	SD	14.820	14.043	9.944	10.662	7.844	7.364	5.634	6.970	9.344	12.283	15.157	16.282	11.938
	TOT OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
21	MEAN	1004.0	1005.2	1005.8	1007.9	1010.9	1012.6	1014.9	1012.6	1009.2	1003.1	1005.0	1007.2	1008.2
	SD	14.844	14.043	9.957	10.618	7.795	7.318	5.603	6.928	9.401	12.317	15.215	16.270	11.947
	TOT OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
ALL HOURS	MEAN	1004.2	1005.2	1006.1	1008.3	1011.2	1013.1	1015.3	1013.1	1009.5	1003.2	1005.1	1007.2	1008.5
	SD	14.845	14.001	9.988	10.648	7.947	7.391	5.692	7.012	9.292	12.408	15.072	16.372	12.019
	TOT OBS	2480	2256	2480	2400	2480	2400	2477	2480	2400	2480	2400	2480	29213

END

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