

AD-A198 725

ELIZABETH CITY NORTH CAROLINA LIMITED SURFACE

1/3

OBSERVATIONS CLIMATIC SUMMA (U) AIR FORCE

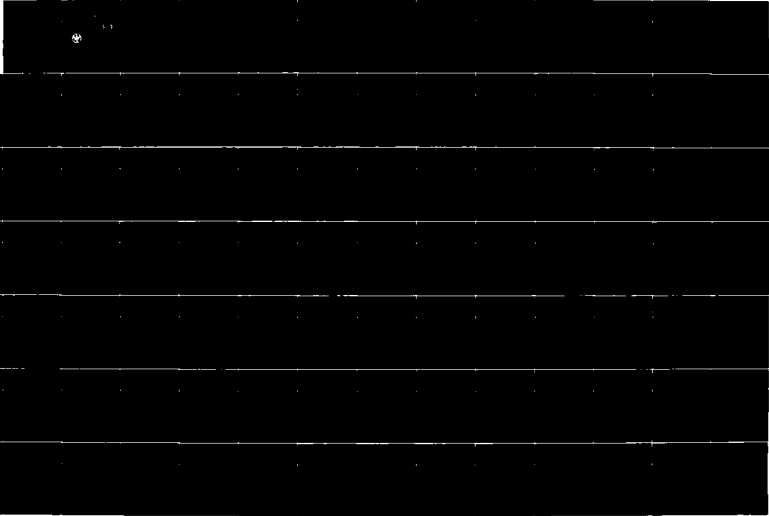
ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A..

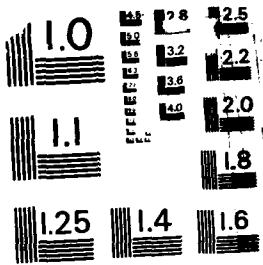
UNCLASSIFIED

MAR 88 USAFETAC/DS-88/813

F7C 4/2

NL





MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A

DTIC FILE COPY

LIBRARY  
TL 442  
SCOTT 3, IL 25-9458

①

USNC 746941

USAFETAC/DS-88/015

AD-A190 725

14 MAR 1988

OPERATING LOCATION - A  
**USAFETAC**  
Air Weather Service (MAC)

**DTIC**  
ELECTE  
MAR 24 1988  
S H D



"LIMITED SURFACE OBSERVATIONS"  
CLIMATIC SUMMARY "LISDCS"

ELIZABETH CITY NC MSC #746941  
N 36 16 W 076 11 ELEV 13 FT KEGB

PARTS A - F HOURS SUMMARIZED: 0600 - 2200

PERIOD OF RECORD:  
HOURLY OBSERVATIONS: OCT 77 - SEP 87  
SUMMARY OF DAY DATA: SEE TITLE PAGE

MAR 07 1988

"Approved for public release; FEDERAL BUILDING  
Distribution Unlimited."

ASHEVILLE, N.C. 28801 - 2723

88 3 22 088

**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-88/015

**5. Monitoring Organization Report Number:** USAFETAC/DS-88/015

**6a. Name of Performing Organization:** USAFETAC/OL-A

**6b. Office Symbol:**

**6c. Address:** Federal Building, Asheville, NC 28801-2723

**7a. Name of Monitoring Organization:** USAFETAC

**7b. Address:** Scott AFB, IL 62225-5458

**11 Title:** (LISOCS) Elizabeth City NC.

**12 Personal Author(s):**

**13a Type of Report:** Data Summary

**13b Time Covered:** Oct 77-Sep 87.

**14 Date of Report:** Mar 88.

**15 Page Count:** 312

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

**18 Subject Terms:** \*climatology \*weather meteorological conditions winds precipitation barometric pressure sky cover temperature relative humidity psychrometric data visibility ceiling Limited Surface Observations Climatic Summary(LISOCS); Elizabeth City NC; North Carolina; USNC746941.

**19 Abstract:** A statistical data summary of surface weather observation climatology: Elizabeth City NC. This summary is similar to the Revised Uniform Summary of Surface Weather Observations (RUSSWO), but is based on data collected from limited-duty weather observing stations; i.e., those that take weather observations less than 24 hours a day, 7 days a week. The summary is in five parts: PART 1, Weather Conditions and Atmospheric Phenomena; PART 2, Surface Winds; PART 3, Ceiling and Visibility; PART 4, Psychrometric Summaries; and PART 5, Pressure Summaries. Note that PART 2, Precipitation, is omitted. See USAFETAC/TN-83-001 (AD132186), An Aid For Using The Revised Uniform Summary of Surface Weather Observations (RUSSWO), for complete descriptions 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 1473 UNCLASSIFIED**

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY

STATION NAME: ELIZABETH CITY NC

STATION NUMBER: 746941

SUMMARIZED HOURS: 0600 - 2200 LST

PERIOD OF RECORD:

HOURLY OBSERVATIONS: OCT 77 - SEP 87

SUMMARY OF DAY DATA (FULL TIME): JAN 49 - MAY 69

SUMMARY OF DAY DATA (TEMPERATURES ONLY): JUN 69 - SEP 87

TIME CONVERSION LST TO GMT: +5

ALL USERS OF THIS LISOCs MUST FAMILIARIZE THEMSELVES WITH THE SITE'S DATA LIMITATIONS PRIOR TO USING OR DISTRIBUTING THESE SUMMARIES. A SPECIAL CAVEAT PAGE PROVIDES IMPORTANT INFORMATION FOR ALL USERS. THIS CAVEAT PAGE IS LOCATED IN FRONT OF THE SUPPLEMENTAL SECTION.

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

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARIES--LISOCs

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

SUPPLEMENTAL DATA: DATA DERIVED FROM EARLIER PERIODS IF AVAILABLE, AND/OR FROM ONE OR MORE REPRESENTATIVE SITES AND COMBINED BY A METEOROLOGIST.

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

HOURLY SUMMARIES CONTAINING "TOTALS" AND "ALL HOURS" ARE ONLY FOR THOSE HOURS SUMMARIZED. IN COMPUTING THESE VALUES THE VALUES IN THE 3-HOUR TIME GROUPS WERE ADDED AND DIVIDED BY THE NUMBER OF GROUPS.

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-83-001, "AN AID FOR USING THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS" (RUSSWO).

TABLE OF CONTENTS

STATION HISTORY

PART A: WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

PART B: SEE SUPPLEMENTAL DATA SECTION BELOW

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

SUPPLEMENTAL DATA SECTION--SUMMARY OF DAY DATA

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

NOTE: THE FIRST AND LAST HOUR GROUPS MAY OR MAY NOT CONTAIN ALL THREE HOURS. SEE HOURS SUMMARIZED ON COVER OR STATION HISTORY SHEET TO DETERMINE WHICH HOURS ARE INCLUDED IN THESE TWO HOUR GROUPS.



deg  
or  
Special  
A-1

STATION NO OR SUMMARY 746941	STATION NAME ELIZABETH CITY, NORTH CAROLINA	LATITUDE N 36 16	LONGITUDE W 076 11	FIELD ELEV (FT) 13 Ft	CALL SIGN KECG	WMO NUMBER
---------------------------------	--	---------------------	-----------------------	--------------------------	-------------------	------------

### STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT BARO.	
1	ELIZABETH CITY, NORTH CAROLINA	FAA	OCT 77	SEP 87	N 36 16	W 076 11	13 Ft	UKN	17

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	
		N/A	N/A	N/A	N/A	

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	

PPPPPPPP  
PPPPPPPP  
PP PP  
PP PP  
PPPPPPPP  
PPPPPPPP  
PP  
PP  
PP  
PP

AAAAAA  
AAAAAAA  
AA AA  
AA AA  
AA AA  
AAAAAAA  
AAAAAAA  
AA AA  
AA AA  
AA AA  
AA AA

RRRRRRR  
RRRRRRR  
RR RR  
RR RR  
RRRRRRR  
RRRRRRR  
RR RR  
RR RR  
RR RR  
RR RR  
RR RR

TTTTTTTT  
TTTTTTTT  
TT  
TT  
TT  
TT  
TT  
TT  
TT  
TT  
TT

AAAAAA  
AAAAAAA  
AA AA  
AA AA  
AA AA  
AAAAAAA  
AAAAAAA  
AA AA  
AA AA  
AA AA  
AA AA

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).

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 PELLETS).

HAZEL: ALL REPORTED HAZEL.

ALL PRECIPITATION: THIS CATEGORY INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY APPEAR IN A SINGLE OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL COLUMNS MAY 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: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-87  
 MONTH: JAN

HOURS (LST)	TSTMS	RAIN	FRZING	SNOW	HAIL	% OBS WITH PRECIP	FOG	SMOKE	BLOWING	DUST	% OBS	TOTAL OBS
		£/OR DRIZZLE	RAIN £/OR DRIZZLE	£/OR SLEET				£/OR HAZE	SNOW	£/OR SAND	W/OBST TO VISION	
00-02												
03-05												
06-08	.2	13.0	.4	1.3		14.7	38.5	21.2			47.1	524
09-11		11.4	.3	1.9		13.6	25.8	19.1	.3		40.2	926
12-14		10.3		1.5		11.8	18.0	12.4	.4		29.0	923
15-17		8.6	.1	1.4		10.1	16.6	12.7			27.3	829
18-20		9.7		1.3		11.0	16.8	9.7			24.3	637
21-23		10.3		1.4		11.7	17.9	6.3			21.2	429
TOTALS	.0	10.6	.1	1.5		12.2	22.3	13.6	.1		21.5	4268

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-87  
 MONTH: FEB

HOURS (LST)	TSTMS	RAIN	FRZING	SNOW	HAIL	% OBS WITH PRECIP	FOG	SMOKE	BLOWING	DUST	% OBS	TOTAL OBS
		£/OR DRIZZLE	RAIN £/OR DRIZZLE	£/OR SLEET				£/OR HAZE	SNOW	£/OR SAND	W/OBST TO VISION	
00-02												
03-05												
06-08		7.8		1.8		9.5	41.2	25.2	.6		51.3	503
09-11	.1	9.2	.2	1.3		10.5	25.1	21.4	.6		40.2	845
12-14	.2	9.0	.4	2.7		11.6	17.0	17.0	.6		31.0	843
15-17	.1	8.7	.4	1.9	.1	11.1	15.2	15.1	.8		29.1	781
18-20	.3	11.8	.5	1.5		13.8	17.9	13.1	.2		28.4	659
21-23		11.3	.5	1.6		13.1	23.5	8.8			29.6	442
TOTALS	.1	9.6	.3	1.8	.3	11.6	23.3	16.6	.5		34.9	4073

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-87  
 MONTH: MAR

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08	.2	10.8		.4	.2	11.1	33.9	29.2	.2		50.7	558
09-11		9.0		.9		9.9	16.7	23.1	.3		36.6	930
12-14	.3	9.6		1.0		10.5	12.8	16.3	.3	.5	27.6	930
15-17	.3	9.3		1.0		10.1	13.7	16.6	.3	.2	28.7	860
18-20	.8	10.4		1.5		11.3	15.7	13.5	.4		26.8	732
21-23		10.7		.6		11.1	19.7	8.0	.6		26.5	487
TOTALS	.3	10.0		.9	.0	10.7	18.8	17.8	.4	.1	32.8	4497

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-87  
 MONTH: APR

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08		7.8		.3		8.1	26.0	29.5			44.0	593
09-11	.2	6.8				6.8	11.8	20.8		.2	29.8	897
12-14	1.1	7.5		.1		7.5	10.7	16.9		1.0	26.3	897
15-17	.5	7.9				7.9	8.5	16.5		1.7	24.4	823
18-20	1.0	5.5				5.5	9.5	18.6		1.1	26.0	708
21-23	1.4	5.9				5.9	11.8	14.6		.9	22.4	425
TOTALS	.7	6.9		.1		7.0	13.1	19.5		.8	26.8	4343

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURENCE OF WEATHER CONDITIONS  
 FROM FOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-87  
 MONTH: MAY

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
07-02												
03-05												
06-08	.7	5.9				5.9	36.3	42.4			60.8	864
09-11	.9	5.1				5.1	10.5	32.2			38.8	930
12-14	2.0	4.5				4.5	5.2	27.7		.2	31.5	930
15-17	4.1	6.7				6.7	5.2	25.6		.1	29.4	790
18-20	3.2	6.9				6.9	9.6	27.5			34.0	726
21-23	2.8	6.0				6.0	13.3	20.6			29.4	248
TOTALS	2.3	5.9				5.9	13.4	29.3		.1	37.3	4488

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-87  
 MONTH: JUN

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08	.2	3.1				3.1	26.5	52.3			60.7	801
09-11	.3	3.2				3.2	4.7	41.3			43.9	900
12-14	1.7	3.1				3.1	2.8	39.8			41.3	900
15-17	4.6	4.8				4.8	2.7	43.3		.4	44.4	693
18-20	4.4	5.4				5.4	7.4	47.5			50.5	592
21-23	5.1	5.1				5.1	11.2	34.2			40.8	196
TOTALS	2.7	4.1				4.1	9.2	43.1		.1	46.9	4082

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-87  
 MONTH: JUL

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08	.8	2.2				2.2	36.8	60.7			69.0	832
09-11	1.5	3.3				3.3	5.1	47.0			49.4	928
12-14	4.7	5.1				5.1	3.8	43.3			45.4	928
15-17	7.1	5.2				5.2	3.8	47.4			48.1	734
18-20	6.6	6.1				6.1	6.1	48.0			49.8	635
21-23	6.0	5.5				5.5	10.1	41.3			45.0	218
TOTALS	4.5	4.6				4.6	11.0	48.0			51.1	4275

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-87  
 MONTH: AUG

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08	.8	3.1				3.1	45.5	56.5			68.6	826
09-11	1.3	3.8				3.8	6.4	50.1			52.7	919
12-14	3.4	4.1				4.1	3.3	45.8			47.8	922
15-17	8.4	5.6				5.6	3.4	46.2			48.6	727
18-20	4.5	7.2				7.2	14.1	45.0			49.4	638
21-23	4.1	5.1				5.1	24.4	41.9			47.9	217
TOTALS	3.8	4.8				4.8	16.2	47.6			52.5	4249

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-87  
 MONTH: SEP

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08	.6	5.6				5.6	53.5	45.6			19.6	805
09-11		5.6				5.6	8.8	33.4			39.7	895
12-14	.7	5.3				5.3	6.3	28.1			33.0	898
15-17	2.1	6.1				6.1	6.6	29.2			33.9	709
18-20	2.3	6.5				6.5	12.7	30.0			36.3	614
21-23	1.0	5.3				5.3	19.9	24.8			35.9	206
TOTALS	1.1	5.7				5.7	18.0	31.9			41.4	4127

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 77-86  
 MONTH: OCT

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08		6.6				6.6	49.8	36.5			61.3	791
09-11	.1	6.9				6.9	15.1	26.7			35.8	929
12-14	.1	5.4				5.4	7.3	17.8			22.4	930
15-17	.7	6.3				6.3	8.1	16.7			22.4	744
18-20	.5	5.6				5.6	10.1	14.2			21.6	643
21-23	.8	6.1				6.1	15.1	11.0			21.6	245
TOTALS	.4	6.2				6.2	17.6	20.5			20.9	4282

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 77-86  
 MONTH: NOV

HOURS (LST)	TSTMS	RAIN %/OR DRIZZLE	FRZING RAIN %/OR DRIZZLE	SNOW %/OR SLEET	FAIL	% OBS WITH PRECIP	FOG	SMOKE %/OR HAZE	BLOWING SNOW	DUST %/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08		7.2				7.2	51.2	33.0			60.9	512
09-11		7.7				7.7	21.2	23.7			38.3	900
12-14	.2	7.9				7.9	11.4	14.6			24.2	900
15-17	.1	9.4				9.4	15.1	12.5			24.8	807
18-20		10.6				10.6	19.2	11.7			27.4	625
21-23		8.4				8.4	23.3	8.4			29.3	417
TOTALS	.1	8.5				8.5	23.6	17.3			34.2	4161

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 77-86  
 MONTH: DEC

HOURS (LST)	TSTMS	RAIN %/OR DRIZZLE	FRZING RAIN %/OR DRIZZLE	SNOW %/OR SLEET	FAIL	% OBS WITH PRECIP	FOG	SMOKE %/OR HAZE	BLOWING SNOW	DUST %/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08		10.4				10.4	36.7	19.7			42.9	518
09-11		9.0		.8		9.2	22.1	19.5			35.6	921
12-14	.1	9.1		.7	.1	9.8	15.6	10.4			22.8	921
15-17		10.4				10.4	15.2	8.3			21.9	827
18-20		11.0		.2		11.2	17.0	4.1			20.0	636
21-23		9.6				9.6	16.8	4.4			20.3	428
TOTALS	.2	9.9		.3	.0	10.1	20.6	11.1			27.3	4251

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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	.0	10.6	.1	1.5		12.2	22.3	13.6	.1		31.5	4268
FEB	.1	9.6	.3	1.8	.0	11.6	23.3	16.8	.5		34.9	4073
MAR	.3	10.0		.9	.0	10.7	18.8	17.8	.4	.1	32.8	4497
APR	.7	6.9		.1		7.0	13.1	19.5		.8	28.8	4343
MAY	2.3	5.9				5.9	13.4	29.3		.1	37.3	4488
JUN	2.7	4.1				4.1	9.2	43.1		.1	46.9	4082
JUL	4.5	4.6				4.6	11.0	48.0			51.1	4275
AUG	3.8	4.8				4.8	16.2	47.6			52.5	4249
SEP	1.1	5.7				5.7	18.0	31.9			41.4	4127
OCT	.4	6.2				6.2	17.6	20.5			30.9	4282
NOV	.1	8.5				8.5	23.6	17.3			34.2	4161
DEC	.0	9.9		.3	.0	10.1	20.6	11.1			27.3	4251
TOTALS	1.3	7.2	.0	.4	.0	7.6	17.3	26.4	.1	.1	37.5	51096

PPPPPP  
PPPPPPPP  
PP PP  
PP PP  
PPPPPPPP  
PPPPPPPP  
PP  
PP  
PP  
PP

AAAAA  
AAAAAAA  
AA AA  
AA AA  
AA AA  
AAAAAAA  
AAAAAAA  
AA AA  
AA AA  
AA AA  
AA AA

RRRRRR  
RRRRRRR  
RR RR  
RR RR  
RRRRRR  
RRRRRR  
RR RR  
RR RR  
RR RR  
RR RR

TTTTTTTT  
TTTTTTTT  
TT  
TT  
TT  
TT  
TT  
TT  
TT  
TT

BBBBBB  
BBBBBBB  
BB BB  
BB BB  
BBBBBBB  
BBBBBBB  
BB BB  
BB BB  
BBBBBBB  
BBBBBBB

SEE SUPPLEMENTAL SECTION (SUMMARY OF DAY DATA) FOR THESE SUMMARIES.

PPPPPPP  
PPPPPPPP  
PP PP  
PP PP  
PPPPPPPP  
PPPPPPPP  
PP  
PP  
PP  
PP

AAAAAA  
AAAAAAA  
AA AA  
AA AA  
AA AA  
AAAAAAA  
AAAAAAA  
AA AA  
AA AA  
AA AA  
AA AA

RRRRRRR  
RRRRRRR  
RR RR  
RR RR  
RRRRRRR  
RRRRRRR  
RR RR  
RR RR  
RR RR  
RR RR

TTTTTTTT  
TTTTTTTT  
TT  
TT  
TT  
TT  
TT  
TT  
TT  
TT

CCCCC  
CCCCCCC  
CC CC  
CC  
CC  
CC  
CC  
CC CC  
CCCCC  
CCCCC

**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 VISIBILITIES 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

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.2	1.9	6.7	4.6	.8							14.1	10.3
NNE		1.5	4.2	3.2	.8							9.7	10.4
NE		1.3	2.1	1.3								4.8	8.8
ENE		.6	1.3	.8	.2							2.9	10.0
E	.2	1.0	.4	.4								1.9	7.1
ESE		.6	.4									1.0	7.0
SE			.2									.2	8.0
SSE		.2	.6	.4								1.1	8.8
S		2.5	1.7	.6								4.8	7.4
SSW	.2	1.7	1.1	.6		.2						3.8	8.0
SW		2.1	2.5	1.0								5.5	7.8
WSW		.8	1.9	1.1				.2				4.0	10.6
W	.6	4.2	5.2	3.2	.2							13.4	8.2
WNW		4.4	4.8	1.3								10.5	7.7
NW		1.9	1.9	1.1								5.0	8.4
NNW		1.3	2.3	1.5								5.2	9.1
VARIABLE													
CALM	////////////////////											12.2	////
TOTALS	1.1	26.0	37.2	21.2	1.9	.2	.2					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 524

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL %	MEAN WIND			
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40			41-47	48-55	GE 56
N		2.9	7.1	5.7	1.0	.1						16.8	10.4
NNE		1.6	4.6	4.5	.6	.1	.1					11.7	11.0
NE		.6	2.1	2.3	.1	.1						5.2	10.6
ENE		.6	1.1	1.1	.1							2.9	9.8
E		1.4	.8	.4								2.6	7.1
ESE		1.0	.5	.1								1.6	6.7
SE		.5	.6	.1								1.3	7.5
SSE		.6	.4	.3								1.4	8.2
S		.5	1.4	1.1								3.0	9.4
SSW		.6	1.7	1.0	.1							3.5	9.1
SW		1.1	3.3	2.3		.1		.2				7.0	10.8
WSW		1.5	2.8	1.8								6.2	9.2
W	.1	2.4	2.5	3.7	.3							9.0	9.7
WNW		2.1	3.5	4.1	.2	.1						9.9	10.4
NW		.4	1.9	2.8	.1							5.3	11.2
NNW		1.0	1.9	2.5	.1	.1						5.6	10.8
VARIABLE	////////////////////////////////////											7.0	////
CALM	////////////////////////////////////											7.0	////
TOTALS	.1	19.0	36.4	33.8	2.7	.6	.1	.2				100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 926

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.1	4.0	4.7	6.5	1.4							16.7	10.6
NNE		1.8	2.8	2.7	.4							7.8	10.1
NE		1.2	2.9	3.8	.2							8.1	10.7
ENE	.2	1.2	2.0	1.3								4.7	8.7
E		.4	1.1	.1								1.6	7.9
ESE		1.1	1.1	.1								2.3	6.8
SE		.8	1.3	.3								2.4	8.0
SSE		.5	.4		.1							1.1	8.1
S		.9	1.7	1.0	.2							3.8	9.3
SSW		.2	1.3	1.4								2.9	9.9
SW		1.5	2.9	3.9		.1	.1					8.6	10.6
WSW		.3	2.8	2.9	.2	.1						6.4	11.3
W		.8	3.4	4.8	.7							9.5	11.4
WNW		2.0	3.8	3.5	.3	.1						9.6	10.5
NW		.5	2.1	2.2	.1							4.9	11.0
NNW		.3	1.5	3.4	.3	.1						5.6	12.4
VARIABLE	////////////////////////////////////											4.0	////
CALM	////////////////////////////////////											4.0	////
TOTALS	.3	17.6	35.8	37.8	4.0	.4	.1					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS: 923

GLOBAL CLIMATOLOGY BRANCH      PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC      FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 746941      STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		1.9	3.3	5.2	1.0							11.3	11.3
NNE		1.2	3.3	2.8	.2							7.5	10.1
NE		1.1	3.1	2.5	.5							7.2	10.2
ENE		1.0	1.3	1.8								4.1	9.9
E		1.0	2.3									3.3	7.3
ESE		1.7	1.1	.1								2.9	6.3
SE	.1	1.0	1.1	.4								2.5	7.7
SSE		1.0	.7	.5	.1							2.3	8.5
S		1.3	1.3	1.4	.1							4.2	9.2
SSW		.7	2.5	1.0								4.2	8.6
SW		1.3	4.1	2.8	.1							8.3	9.7
WSW		1.2	2.5	2.1		.4						6.2	10.6
W		3.4	3.1	5.3	.1							11.9	9.7
WNW		1.6	4.3	3.5	.1							9.5	9.9
NW	.1	.7	2.8	2.4	.1							6.2	9.8
NNW		.4	1.8	2.9	.2							5.3	11.3
VARIABLE													
CALM	////////////////////											3.0	////
TOTALS	.2	20.4	38.7	34.6	2.7	.4						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS: 829

GLOBAL CLIMATOLOGY BRANCH      PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAF/ETAC      FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 746941      STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-83,87  
 MONTH: JAN      HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		1.9	3.8	3.1	.6							9.4	10.6
NNE		.6	2.8	1.3	.5							5.2	10.5
NE		1.7	2.2	1.3								5.2	8.1
ENE		1.4	3.5	1.6	.3							6.8	9.3
E	.2	2.4	1.3	.3								4.1	6.3
ESE	.2	1.3	.2									1.6	4.9
SE		1.7	.2									1.4	5.0
SSE		1.7	.5	.5	.2							2.8	7.5
S	.2	2.8	1.7	1.6	.2							6.4	8.1
SSW		1.4	.8	.5								2.7	7.9
SW		3.3	1.9	1.6								6.8	7.6
WSW		3.3	3.0	1.3								7.5	7.4
W	.3	4.9	2.8	2.4	.3	.2						10.8	8.1
WNW	.2	3.0	1.9	1.3	.2							6.4	7.9
NW	.2	.9	2.7	.9								4.7	8.7
NNW		1.1	2.2	2.8								6.1	10.3
VARIABLE													
CALM	////////////////////											12.1	////
TOTALS	1.1	33.0	31.2	20.3	2.2	.2						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 637

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-83,87  
 MONTH: JAN HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		2.1	3.5	5.4	.2							11.2	10.3
NNE		1.2	2.6	2.1	.2							6.1	9.8
NE		1.4	2.3	.7	.2		.2					4.9	9.6
ENE		2.1	1.4	.9								4.4	7.7
E		1.9	.9	.2								3.0	6.9
ESE		1.2										1.2	4.8
SE		.7	.7									1.4	6.2
SSE		.5	.7	.2								1.4	7.8
S	.2	2.6	.5	2.1								5.4	8.0
SSW		.7	.5	1.4								2.6	10.8
SW		2.3	2.6	1.6								6.5	8.4
WSW		2.6	4.2	1.4								8.2	8.2
W		4.9	2.6	3.3								10.7	8.0
WNW		3.3	1.2	2.3	.5							7.2	9.1
NW		.9	1.6	.7								3.3	8.9
NNW		.2	1.9	1.9								4.0	10.4
VARIABLE													
CALM	////////////////////											18.5	////
TOTALS	.2	28.5	27.1	24.3	1.2		.2					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 428

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.0	2.6	4.9	5.2	.9	.0						13.7	10.6
NNE		1.4	3.4	2.9	.5	.0	.0					8.2	10.4
NE		1.2	2.5	2.2	.2	.0	.0					6.1	10.0
ENE	.0	1.1	1.7	1.3	.1							4.2	9.2
E	.0	1.2	1.2	.2								2.7	7.1
ESE	.0	1.1	.6	.1								1.9	6.3
SE	.0	.7	.7	.2								1.7	7.3
SSE		.8	.5	.3	.1							1.7	8.1
S	.0	1.5	1.5	1.2	.1							4.4	8.6
SSW	.0	.8	1.5	1.0	.0		.0					3.3	9.0
SW		1.8	3.0	2.4	.0	.0	.0	.0				7.3	9.6
WSW		1.5	2.8	1.9	.0	.1		.0				6.4	9.6
W	.1	3.1	3.2	3.9	.3	.0						10.7	9.4
WNW	.0	2.5	3.4	2.9	.2	.0						9.1	9.6
NW	.0	.8	2.2	1.9	.1							5.0	10.0
NNW		.7	1.9	2.6	.1	.0						5.4	10.9
VARIABLE													
CALM	////////////////////											8.1	////
TOTALS	.5	22.8	35.1	30.3	2.6	.3	.1	.1				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 4267

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.2	3.0	7.4	6.6	1.0	.2						18.3	10.4
NNE	.2	2.2	3.4	3.0	1.0							9.7	10.1
NE		1.0	2.2	1.4								4.6	8.9
ENE		1.0	1.0	1.0	.2	.2						3.4	10.4
E		2.8	1.0	.6								4.4	7.0
ESE		1.0	.6	.2								1.8	6.6
SE		.2	.4	.4								1.0	9.4
SSE		.2	.6	.6								1.4	10.0
S		.8	1.0	.2	.2							2.2	8.5
SSW	.2	1.2	1.2	.4								3.0	7.3
SW	.6	2.2	1.0	1.6								5.4	7.7
WSW		1.6	1.0	.2								2.8	6.8
W	.2	3.0	3.0	.6								6.8	6.9
WNW		4.4	2.8	1.2								8.3	7.4
NW	.2	1.2	2.0	1.4	.2							5.0	9.1
NNW		2.6	4.4	2.2								9.1	9.0
VARIABLE	////////////////////////////////////											12.9	////
TOTALS	1.6	28.2	32.8	21.5	2.6	.4						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 503

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.1	2.2	8.9	8.6	.8							20.7	10.8
NNE	.1	1.4	4.1	4.5	.9	.2						11.4	11.4
NE		1.3	4.3	1.7	.1							7.3	9.3
ENE	.1	1.5	2.1	1.2		.4						5.3	9.4
E		.4	1.7	.7								2.7	9.2
ESE		1.1	1.1	.6								2.7	8.1
SE		1.8	1.1	.6								3.4	7.4
SSE		.2	.8	.4								1.4	8.8
S		1.3	1.5	.6								3.4	8.1
SSW		.6	.9	1.1								2.6	9.7
SW		.7	1.9	2.7								5.3	10.6
WSW	.2	1.1	.8	.9	.2							3.3	8.9
W		1.8	2.6	1.4	.1							5.9	8.9
WNW		2.2	3.0	2.2	.1							7.6	9.3
NW		1.3	1.9	1.5	.2							5.0	9.9
NNW		.6	2.5	2.1	.6							5.8	10.7
VARIABLE													
CALM	////////////////////											6.0	////
TOTALS	.6	19.5	39.2	30.9	3.2	.6						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS: 845

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		2.7	5.1	7.1	.7	.1						15.8	10.8
NNE		2.0	3.6	4.9	.6							11.0	10.7
NE		1.3	3.6	2.4			.4					7.6	10.2
ENE		.9	4.2	2.6								7.7	9.7
E		.5	1.5	.5								2.5	8.5
ESE		1.1	2.5	.1								3.7	7.4
SE		.9	2.1	.8								3.9	8.9
SSE		.4	.6	.9	.1							2.0	10.4
S		.6	1.1	.5								2.1	8.9
SSW		.7	1.8	.8								3.3	9.5
SW		.6	3.1	3.2	.4							7.2	10.9
WSW		1.2	1.7	1.8	.5							5.1	10.2
W		.9	3.7	2.7								7.4	9.8
WNW		1.5	2.3	2.1								5.9	9.4
NW		.5	2.0	2.3	.1	.2						5.1	11.4
NNW		.9	1.8	3.3	.5	.2						6.8	12.0
VARIABLE													
CALM	////////////////////											2.9	////
TOTALS		16.8	40.5	36.1	2.8	.9						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS: 843

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		1.4	3.2	5.9	.3							10.8	11.3
NNE	.1	1.4	3.5	4.7	.3							10.0	10.7
NE		1.4	4.0	3.5	.3	.1	.1					9.3	10.7
ENE		.9	4.5	2.3								7.7	9.6
E		1.0	2.6	.6	.3							4.5	9.0
ESE		2.0	3.1	.1								5.2	7.5
SE		1.3	2.0	1.0								4.4	8.5
SSE		.4	1.0	.3								1.7	7.5
S		1.7	1.5	1.8								5.0	9.0
SSW		.8	2.2	1.0								4.0	9.0
SW		.8	2.4	1.7	.1							5.0	9.9
WSW		.3	1.8	2.6	.1							4.7	11.2
W		2.7	2.7	2.0								7.4	8.6
WNW		1.3	3.6	2.8								7.7	10.0
NW		.4	1.5	2.2	.4							4.5	11.6
NNW	.1	.4	1.4	3.2	.5	.1						5.8	12.3
VARIABLE													
CALM	////////////////////											2.4	////
TOTALS	.3	18.1	41.0	35.7	2.2	.7	.1					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS: 781

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-83,86-87  
 MONTH: FEB HOURS(LST): 1800-2400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		.9	4.3	5.3	.2	.2						10.8	11.1
NNE			1.7	2.9	3.2	.3	.2	.2				8.4	10.8
NE			2.6	3.8	2.9	.2						9.4	9.1
ENE			1.8	3.6	2.7		.2					8.4	9.5
E	.2		2.9	2.7	.6	.2						6.5	7.2
ESE			2.3	1.1								3.3	5.9
SE			2.6	1.7	.3							4.6	6.6
SSE	.2		3.0	1.5	.6							5.3	6.9
S			2.1	2.6	.9							5.6	7.7
SSW			1.8	.8	.8							3.3	7.7
SW			1.7	.8	1.1							3.5	7.8
WSW			1.2	1.5	.2							2.9	7.3
W			2.6	2.0	1.1							5.6	7.7
WNW	.2		2.1	2.6	1.1							5.9	8.3
NW			.6	1.2	1.7							3.5	10.2
NNW			1.1	1.8	1.4							4.3	9.3
VARIABLE													
CALM	////////////////////											8.7	////
TOTALS	.5	31.0	34.8	23.7	.8	.5	.2					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 658

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-83,86-87  
 MONTH: FEB HOURS(LST): 2100-2300

DIRECTION (DEGREE)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		2.7	5.0	4.5	.2	.9						13.3	10.7
NNE		3.4	4.8	3.6	.2	.2						12.2	9.6
NE		2.0	2.5	3.2								7.7	9.7
ENE		.9	1.6	1.1	.2							3.8	10.2
E		2.0	1.1	.7								3.8	7.1
ESE		1.4	.7									2.0	6.2
SE		1.1	1.1									2.3	6.4
SSE	.2	2.5	1.4	.2								4.3	6.2
S	.2	4.1	2.0	1.6								7.9	7.9
SSW		1.6	2.3	.2								4.1	7.1
SW		2.5	1.1	1.1								4.8	7.6
WSW		1.8	.9									2.7	6.6
W	.2	2.5	1.1	.2								4.1	6.4
WNW		1.6	3.6	1.6								6.8	8.8
NW		1.6	.9	.7	.2							3.4	8.9
NNW		.7	2.0	1.4								4.1	9.8
VARIABLE	.....												
CALM	////////////////////////////////////											12.7	////
TOTALS	.7	32.4	32.1	20.1	.9	1.1						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 442

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.0	2.1	5.6	6.6	.5	.2						15.1	10.8
NNE	.1	1.9	3.7	4.1	.6	.1	.0					10.4	10.7
NE		1.6	3.5	2.5	.1	.1	.0					7.8	9.8
ENE	.0	1.2	3.0	1.9	.0	.1						6.4	9.7
E	.0	1.4	1.8	.6	.1							4.0	8.0
ESE		1.5	1.6	.2								3.3	7.2
SE		1.4	1.5	.6								3.5	7.9
SSE	.0	1.0	1.0	.5	.0							2.5	7.9
S	.0	1.6	1.6	.9	.0							4.2	8.3
SSW	.0	1.0	1.5	.8								3.3	8.6
SW	.1	1.2	1.9	2.0	.1							5.3	9.6
WSW	.0	1.1	1.3	1.1	.2							3.8	9.3
W	.0	2.1	2.6	1.5	.0							6.4	8.4
WNW	.0	2.1	2.9	1.9	.0							7.0	9.0
NW	.0	.9	1.6	1.7	.2	.0						4.5	10.4
NNW	.0	1.0	2.2	2.4	.3	.1						6.0	10.7
VARIABLE													
CALM	////////////////////											6.7	////
TOTALS	.5	23.0	37.5	29.4	2.2	.6	.0					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS: 4072

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		2.2	3.4	5.0	.7							11.3	10.7
NNE		1.3	2.9	3.0	.4	.4						7.9	10.7
NE		1.3	2.7	5.0	.2							9.1	11.1
ENE	.2	.5	2.2	1.3	.2							4.3	9.9
E		1.1	1.1	.7								2.9	8.3
ESE		1.3	.9	.2								2.3	6.8
SE		.5		.7								1.3	10.0
SSE		.7	.7	.7	.2							2.3	9.3
S		2.0	2.3	1.4	.4							6.1	9.0
SSW		.7	2.9	.9								4.5	8.7
SW	.2	2.7	2.9	1.3	.2							7.2	7.9
WSW		1.1	2.5	1.8	.2							5.6	9.8
W		2.9	4.3	1.8	.2							9.1	8.3
WNW	.2	4.1	3.6	1.3	.2							9.3	7.6
NW		2.0	1.1	1.3	.2							4.5	8.5
NNW		.5	2.2	1.4	.2							4.3	10.0
VARIABLE													
CALM	////////////////////											8.1	////
TOTALS	.5	24.7	35.5	27.8	3.0	.4						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS: 558

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.1	2.0	4.6	7.7	.5							15.1	11.0
NNE	.1	1.2	2.4	4.6	.8	.3						9.4	11.9
NE		1.2	3.1	4.7	.3							9.4	11.1
ENE	.1	.8	2.3	3.5	.2							6.9	11.0
E		1.2	1.7	1.1								4.0	8.6
ESE		.6	1.6	.6								2.9	8.7
SE		1.1	1.2	.8								3.0	8.3
SSE		.8	.9	.8								2.4	9.0
S		1.0	2.3	1.9								5.2	9.8
SSW		.5	1.8	1.8	.1							4.3	10.7
SW		.2	3.0	3.9	.6							7.7	12.0
WSW		.4	1.8	2.6	.1							4.9	11.0
W		1.6	2.7	2.8								7.1	9.6
WNW		1.1	2.3	2.0	.1							5.5	9.9
NW		.2	2.9	1.8	.2	.1						5.3	11.1
NNW		.3	1.5	2.0	.3							4.2	11.1
VARIABLE													
CALM	////////////////////											2.9	////
TOTALS	.3	14.2	36.0	42.8	3.3	.4						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.2	1.3	4.4	4.2	.4	.2						10.8	10.7
NNE		1.0	2.4	3.1	.5	.3						7.3	11.7
NE		1.6	2.3	5.1	.5							9.5	11.1
ENE		1.3	4.8	2.6								8.7	9.6
E		.9	2.6	1.5								4.9	9.6
ESE		.5	3.7	.6	.1							4.9	9.1
SE		.5	2.3	1.8	.1							4.7	10.3
SSE		.5	1.1	1.3								2.9	9.9
S		.5	1.7	2.2								4.4	10.9
SSW		.5	1.7	2.8								5.1	11.2
SW		.6	1.8	5.6	.9							8.9	12.6
WSW		.8	1.3	3.1	.5							5.7	12.1
W		.5	2.4	3.1	.2							6.2	10.8
WNW		.3	1.7	2.6	.2							4.8	11.4
NW	.1	.3	1.7	2.5	.4							5.1	11.3
NNW		.3	1.1	2.2	.3	.1						4.0	12.1
VARIABLE													
CALM	////////////////////											2.0	////
TOTALS	.3	11.6	36.9	44.2	4.3	.6						107.0	10.7

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: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		.9	1.9	3.5	.7	.2	.1					7.3	12.6
NNE		.5	2.3	2.9	.3	.3						6.4	12.2
NE		.2	2.2	4.7								7.1	11.7
ENE		.5	4.2	3.6	.3							8.6	10.6
E		.6	3.8	2.2								6.6	9.5
ESE		1.0	3.8	1.7								6.6	9.1
SE		1.2	4.5	3.1	.2							9.1	9.8
SSE		.5	2.0	.9								3.4	9.5
S		.3	2.3	2.8	.1	.1						5.7	11.2
SSW		.2	2.6	2.6								5.3	10.8
SW		.3	2.2	3.7	.2							6.5	11.4
WSW		.1	1.6	3.1	.1							5.0	11.8
W	.1	.6	2.8	2.2	.6							6.3	10.5
WNW		.5	3.0	3.0	.2		.1					6.9	11.4
NW		.2	2.0	2.0	.2							4.4	11.5
NNW			1.0	2.1								3.1	11.8
VARIABLE													
CALM	////////////////////											1.6	////
TOTALS	.1	7.7	42.3	44.2	3.1	.7	.2					107.0	10.8

TOTAL NUMBER OF OBSERVATIONS: 860

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 74-83,86-87  
 MONTH: MAR HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL %	MEAN WIND			
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40			41-47	48-55	GE 56
N		.5	1.9	3.3	1.0	.7	.3					7.7	13.7
NNE		.5	1.5	2.5	.4	.3						5.2	12.2
NE		.8	4.0	1.9	.8							7.5	10.8
ENE	.1	1.0	3.1	2.2	.3							6.7	9.9
E		3.4	3.7	1.5	.3							8.9	8.2
ESE	.3	3.0	2.6	.4								6.3	6.8
SE		3.3	4.4	.4								8.1	7.1
SSE	.1	1.9	3.8	.7	.1							6.7	8.1
S		2.2	4.1	2.1	.8							9.2	9.7
SSW		1.0	2.5	2.3	.1	.1						6.0	10.2
SW		1.1	2.6	2.1								5.7	9.7
WSW	.1	.5	1.6	.4								2.7	8.0
W		2.5	2.1	.4								4.9	7.1
WNW		1.8	2.6	1.0	.7							6.0	9.4
NW		.4	.8	.7								1.9	9.6
NNW		.4	1.2	1.8								3.4	11.3
VARIABLE													
CALM	////////////////////											3.0	////
TOTALS	.7	24.4	42.5	23.5	4.5	1.1	.3					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 731

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 79-83,86-87  
 MONTH: MAR HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.2	.8	2.7	2.7	1.0							7.4	11.4
NNE		1.6	2.7	.6	.4	.2						5.6	9.4
NE	.2	2.1	2.1	1.6	.4							6.4	9.3
ENE		1.2	2.5	1.4								5.1	8.9
E	.2	2.3	2.5	.4	.4							5.9	8.1
ESE		2.5	1.0									3.5	6.4
SE		2.1	.8									2.9	5.8
SSE	.2	3.5	3.5	1.0								8.2	6.9
S		4.9	4.5	2.3	.4							12.1	8.0
SSW		.8	3.3	2.7	1.0							7.8	11.2
SW		1.4	2.7	2.7								6.8	9.6
WSW		.4	1.6	.4								2.5	8.3
W		2.3	2.7	.4								5.3	7.3
WNW		1.2	2.1	1.0	.2							4.5	9.1
NW			.6	.6								1.2	11.2
NNW	.2	.2	1.0	1.6	.8							3.9	12.4
VARIABLE													
CALM	////////////////////											10.9	////
TOTALS	1.0	27.4	36.2	19.5	4.7	.2						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 486

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.1	1.3	3.2	4.6	.7	.2	.1					10.2	11.5
NNE	.0	1.0	2.3	3.0	.5	.3						7.1	11.6
NE	.0	1.1	2.7	4.0	.4							8.3	11.0
NNE	.1	.9	3.3	2.6	.2							7.1	10.1
E	.7	1.5	2.6	1.3	.1							5.5	8.8
ESE	.0	1.4	2.5	.7	.0							4.6	8.2
SE		1.4	2.4	1.3	.1							5.1	8.8
SSE	.0	1.1	1.9	.9	.0							4.0	8.5
S		1.5	2.7	2.1	.2	.0						6.6	9.7
SSW		.6	2.3	2.2	.2	.0						5.3	10.6
SW	.0	.9	2.5	3.4	.4							7.3	11.0
WSW	.0	.5	1.7	2.1	.2							4.6	10.8
W	.0	1.6	2.7	2.0	.2							6.5	9.3
WNW	.0	1.3	2.5	2.0	.3		.0					6.1	9.9
NW	.0	.5	1.7	1.6	.2	.0						4.0	10.8
NNW	.0	.3	1.3	1.9	.2	.0						3.8	11.4
VARIABLE													
CALM	////////////////////											4.0	////
TOTALS	.4	16.8	38.4	35.8	3.8	.6	.1					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS: 4475

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		.8	3.4	4.0	1.5	.2						9.9	12.0
NNE		1.3	1.2	2.2	.3	.3						5.4	11.2
NE		.7	1.2	2.5	.3							4.7	11.1
ENE	.2	.7	2.2	1.2	.3							4.6	10.1
E		1.0	.8	.2								2.0	7.0
ESE		1.2	1.9	.3								3.4	7.8
SE		1.9	.8	.3								3.0	6.7
SSE	.2	.8	1.7	.2								2.9	7.3
S	.2	3.5	3.2	.5		.2						7.6	7.2
SSW	.1	1.5	2.0	2.0								5.9	8.6
SW		1.3	3.9	2.7								7.9	9.6
WSW	.2	1.0	4.4	1.9	.3							7.8	9.7
W		2.2	3.9	2.4	.2							8.6	8.9
WNW		2.5	3.5	1.3	.2							7.6	8.2
NW		1.2	2.7	.7								4.6	8.9
NNW		.5	1.5	.8	.2							3.0	9.5
VARIABLE													
CALM	////////////////////											11.1	////
TOTALS	1.7	22.3	38.3	23.7	3.4	.7						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS: 593

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N		1.2	4.1	3.7	.4			9.5	10.8
NNE		1.1	2.0	2.7	.8			6.6	11.0
NE		1.0	1.8	2.6	.2			5.6	10.3
ENE		1.0	1.4	2.5	.2	.1		5.2	10.8
E		.7	2.5	1.4				4.6	9.5
ESE	.1	.7	1.9	1.1				3.8	9.0
SE		.6	2.5	1.8	.2			5.0	10.3
SSE		.3	1.1	.6				2.0	9.2
S		1.0	2.2	1.1				4.3	8.6
SSW		.9	2.6	2.5				5.9	9.9
SW		1.0	3.7	5.2	.6			10.5	11.2
WSW		.8	2.3	1.3	.2			4.7	10.0
W	.1	1.1	4.9	3.5	.9			10.5	10.7
WNW		1.8	2.5	2.6	.1			6.9	9.5
NW		.6	2.2	3.2	.2			6.2	11.3
NNW		.7	1.7	2.7				5.1	10.5
VARIABLE									
CALM	////////////////////							3.7	////
TOTALS	.2	14.4	39.4	38.4	3.9	.1		100.0	10.0

TOTAL NUMBER OF OBSERVATIONS: 897

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		1.3	3.1	3.1	.6	.1						8.2	10.8
NNE		.3	1.6	2.6	.6							5.0	11.9
NE		1.1	2.6	3.2	.2							7.1	10.6
ENE		1.1	2.3	2.9		.1	.2					6.7	11.0
E		.6	2.9	1.2								4.7	9.4
ESE		1.2	2.6	2.3								6.1	9.5
SE		1.1	1.7	3.2	.4	.1						6.6	11.5
SSE		.4	.8	.2	.1							1.6	8.9
S	.1	.8	2.8	2.0	.1							5.8	9.8
SSW		.4	1.7	1.9	.2	.1						4.3	11.4
SW		.4	2.9	6.2	1.1							10.7	12.2
WSW		.6	2.2	2.8	.4							6.0	11.0
W		.4	3.2	3.8	.4	.2						8.1	11.3
WNW		1.1	3.7	2.5	.6							7.8	10.7
NW		.3	1.3	2.6	.2							4.5	11.3
NNW		.3	1.2	2.8	.2							4.6	11.7
VARIABLE													
CALM		////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	2.1	////
TOTALS	.1	11.7	36.6	43.4	5.2	.7	.2					100.0	10.7

TOTAL NUMBER OF OBSERVATIONS: 897

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS									TOTAL	MEAN WIND		
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47			48-55	GE 56
N		.2	1.6	2.9	.4	.6	.1					5.8	13.8
NNE		.6	1.2	2.1			.1					4.0	11.7
NE		.2	1.3	2.2	.1	.1						4.0	11.8
ENE		.5	2.6	3.9	.1	.1						7.2	11.5
E		.4	2.7	3.5								6.6	10.8
ESE		1.0	3.0	1.8	.2							6.1	9.7
SE		1.7	4.9	6.0								11.8	10.7
SSE		.6	1.8	1.5								3.9	9.3
S		.9	2.6	3.2	.4							6.9	10.9
SSW		.6	2.8	3.8	.7	.1						8.0	11.7
SW		.5	1.7	3.5	.6							6.3	11.8
WSW	.1	.4	1.2	3.2	.5							5.3	12.2
W		.9	2.6	3.2	.5							7.0	11.0
WNW		1.1	3.6	3.6	.6	.4						9.4	11.2
NW		.4	1.6	1.3								3.3	10.3
NNW		.5	.7	1.9	.2							3.4	11.5
VARIABLE													
CALM	////////////////////											1.0	////
TOTALS	.1	9.6	35.8	47.5	4.4	1.3	.2					100.0	11.1

TOTAL NUMBER OF OBSERVATIONS: 823

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-83,86-87  
 MONTH: APR HOURS(LST): 1800-2400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		.1	1.0	1.3	.4	.4	.3	.1				3.7	15.8
NNE		.1	1.7	1.7	.3	.3						4.1	12.8
NE			2.3	1.4	.3							4.0	11.4
ENE			.4	3.1	2.8	.1						6.5	10.7
E	.1	2.4	3.4	1.3								7.2	8.0
ESE		2.7	4.1	.6	.1							7.5	7.5
SE		3.2	4.8	1.6	.1							9.7	8.1
SSE		2.7	3.7	1.6								7.9	8.4
S	.1	4.0	5.9	3.1	.7							13.8	9.0
SSW		.6	2.7	3.1	.4	.1						6.9	11.6
SW		1.0	1.0	1.4	.1							3.5	9.9
WSW		.7	2.3	1.3	.1							4.4	9.8
W		3.4	1.7	.6								5.6	6.7
WNW		1.7	2.8	1.6								6.1	8.9
NW		.3	1.6	1.0	.3	.1						3.2	11.7
NNW		.4	1.1	.7								2.3	9.9
VARIABLE													
CALM	////////////////////											3.5	////
TOTALS	.7	23.7	43.1	24.9	3.1	1.0	.3	.1				100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 708

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-83,86-87  
 MONTH: APR HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		.5	.7	2.6	.2	.2		.2				4.5	13.5
NNE		.7	1.4	1.9								4.0	10.3
NE		.7	1.4	1.2								3.3	9.2
ENE	.2	2.1	3.1	.9	.5							6.8	8.6
E		3.3	1.9	.5								5.7	6.8
ESE		1.9	2.1	.9								5.0	7.6
SE		2.8	2.1	.2								5.2	6.6
SSE		4.7	1.9	.7								7.3	6.6
S	.5	6.4	5.2	2.4	.5							14.9	7.8
SSW	.2	1.7	3.3	5.2								10.4	10.2
SW		1.2	3.3	3.5	.2							8.3	10.5
WSW		1.2	2.4	.9								4.5	8.4
W		.9	2.1	.7								3.8	8.5
WNW		1.7	1.4	.2	.2							3.5	8.1
NW		.2	.9	.9	.2							2.4	11.7
NNW		.7	1.2	1.2	.2							3.3	10.4
VARIABLE	////////////////////////////////////											7.3	////
TOTALS	.9	30.7	34.4	24.1	2.1	.2		.2				100.0	8.2

TOTAL NUMBER OF OBSERVATIONS: 424

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		.8	2.5	3.0	.6	.3	.1	.0				7.2	12.1
NNE		.7	1.5	2.2	.4	.1	.0					5.0	11.5
NE			.6	1.8	2.3	.2	.0					5.0	10.8
ENE	.0	.9	2.4	2.6	.2	.1	.0					6.2	10.7
E	.0	1.2	2.5	1.5								5.2	9.0
ESE	.0	1.4	2.6	1.3	.1							5.4	8.7
SE		1.6	2.9	2.5	.2	.0						7.1	9.7
SSE	.0	1.3	1.8	.8	.0							3.9	8.3
S	.1	2.3	3.4	2.0	.3	.0						8.2	8.9
SSW	.1	.9	2.4	2.9	.3	.1						6.6	10.7
SW		.9	2.7	4.0	.5							8.0	11.2
WSW	.0	.7	2.4	2.0	.3							5.4	10.4
W	.0	1.4	3.2	2.6	.4	.0						7.6	10.0
WNW		1.6	3.0	2.2	.3	.1						7.2	9.9
NW		.5	1.8	1.8	.2	.0						4.2	10.8
NNW		.5	1.2	1.8	.1							3.7	10.8
VARIABLE													
CALM	////////////////////											4.2	////
TOTALS	.4	17.1	38.1	35.5	3.9	.7	.1	.0				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS: 4342

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		2.0	3.6	2.2	.1							7.9	9.3
NNE		1.4	2.5	2.5	.2							6.7	10.0
NE	.1	1.4	1.7	1.4	.1							4.8	9.1
ENE		1.2	2.7	.9								4.8	8.5
E	.1	2.0	1.6	.2								3.9	7.1
ESE	.1	.1	1.2	.3								1.7	8.1
SE		.7	.2									.9	5.6
SSE		1.0	.6	.1								1.7	6.5
S		3.5	2.8	.8								7.1	7.3
SSW		1.6	3.4	1.0								6.0	8.4
SW	.1	4.3	3.9	3.1	.1							11.6	8.5
WSW	.1	2.5	5.8	3.1								11.6	8.7
W	.1	2.0	4.1	.9								7.1	7.9
WNW		2.3	1.4	.1								3.8	6.3
NW		1.7	2.0		.1							3.8	7.5
NNW		.6	2.4	1.0								4.1	8.9
VARIABLE													
CALM	////////////////////											12.5	////
TOTALS	.7	28.3	39.9	18.0	.7							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 863

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.2	2.9	3.5	4.7	.1							11.5	9.6
NNE		1.2	1.9	2.8	.1							6.0	10.2
NE	.1	1.5	1.8	3.7								7.1	10.0
ENE		.9	1.6	2.8								5.3	10.9
E		1.3	3.5	.8								5.6	8.2
ESE		.8	1.6	.4								2.8	8.4
SE		.4	1.3	.4								2.2	8.7
SSE		.4	1.5	.4								2.4	8.5
S		2.6	2.3	1.2								6.0	8.0
SSW		1.3	2.6	1.9								5.8	9.3
SW	.1	1.9	5.6	5.5	.1							13.2	10.2
WSW	.1	2.2	3.9	4.6								10.8	9.7
W		2.0	3.9	1.9								7.8	8.5
WNW		1.7	2.6	.2								4.5	7.3
NW		.5	1.3	.1								1.9	7.4
NNW		.8	.5	1.3								2.6	10.0
VARIABLE	////////////////////////////////////											4.5	////
CALM	////////////////////////////////////											4.5	////
TOTALS	.5	22.4	39.5	32.8	.3							100.0	8.9

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: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 79-87  
 MONTH: MAY HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		.4	4.0	4.3								8.7	10.7
NNE	.1	.6	1.7	3.0								5.5	10.6
NE		1.4	1.8	3.2	.1							6.6	10.1
ENE		.6	2.3	2.2	.3							5.4	10.7
E		1.1	2.9	1.9								5.9	9.6
ESE	.2	1.2	3.4	1.5								6.3	8.8
SE		1.2	2.8	1.6								5.6	9.2
SSE		1.3	1.7	.8								3.8	8.3
S	.1	1.0	2.9	2.3								6.2	9.7
SSW		.6	5.1	3.0	.1							8.8	10.1
SW		1.9	5.4	5.4	.1							12.8	10.4
WSW		1.1	4.2	3.2	.1							8.6	10.2
W		1.4	2.9	1.9	.3							6.6	9.8
WNW		.6	1.7	.6								3.0	8.9
NW		.1	.5	.2								.9	9.9
NNW		.5	1.7	.6								2.9	9.2
VARIABLE													
CALM	////////////////////											2.5	////
TOTALS	.4	15.2	45.1	35.8	1.1							100.0	9.7

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: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.1	.5	2.8	3.9	.3							7.6	11.1
NNE		.1	1.5	1.5		.3						3.4	11.9
NE		.5	1.4	2.7	.4							4.9	11.6
ENE	.1	.8	4.4	3.7	.1							9.1	10.4
E		.9	4.4	1.5								6.8	9.3
ESE		.6	3.2	1.8								5.6	9.4
SE		.6	4.8	2.7								8.1	9.8
SSE		.8	3.7	2.9	.1							7.5	10.2
S		1.3	5.1	4.6	.1							11.0	10.2
SSW		1.5	3.9	3.7	.4							9.5	10.5
SW		1.0	4.1	4.8								9.9	10.6
WSW		.5	3.4	1.8	.1							5.8	9.8
W		.9	2.7	1.5								5.1	9.7
WNW	.1	.4	1.0	.3								1.8	7.8
NW			1.0									1.0	8.5
NNW		.3	.8	.6								1.6	10.8
VARIABLE													
CALM	////////////////////											1.3	////
TOTALS	.4	10.6	48.1	37.8	1.5	.3						100.0	10.1

TOTAL NUMBER OF OBSERVATIONS: 790

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-83,86-87  
 MONTH: MAY HOURS(IST): 1800-2400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		.8	1.5	.4	.6							3.3	9.9
NNE		.7	2.1	2.1	.3							5.1	10.6
NE		.7	2.1	2.2	.3							5.2	11.0
NNE		1.0	3.7	1.9								6.6	9.3
E		2.9	4.3	1.1								8.3	7.9
ESE		5.1	3.2	.1								8.4	6.6
SE		2.3	2.5	.3								5.1	7.4
SSE	.3	4.1	5.0	.4								9.8	7.1
S		5.1	9.1	4.8								19.0	9.0
SSW		1.7	5.6	2.1	.1							9.5	9.2
SW		3.0	2.8	.7								6.5	7.5
WSW		1.7	1.7									3.3	6.5
W		.7	1.0	.1								1.8	7.7
WNW		.8										.8	5.8
NW		.6	.4									1.0	6.4
NNW		.3	1.1	.3	.1							1.8	9.3
VARIABLE													
CALM	////////////////////											4.5	////
TOTALS	.3	31.4	45.9	16.5	1.4							100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 726

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-83,86-87  
 MONTH: MAY HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		.8	.4	.4			.4					2.0	12.0
NNE		.4	2.4	1.2								4.0	9.9
NE		.4	2.4	.4								3.2	8.6
ENE			1.2	2.8	1.2							5.2	8.5
E	.4	3.6	3.2									7.3	6.3
ESE	.4	5.2	1.6									7.3	5.6
SE		4.0		.4								4.4	6.0
SSE	.8	5.6	1.2	.4								8.1	5.7
S		5.2	11.7	2.4	.4							19.8	8.4
SSW		2.0	4.8	4.4	.4							11.7	9.9
SW		2.4	2.0	1.2								5.6	8.1
WSW		1.6	.8									2.4	5.8
W		1.2	.8									2.0	6.0
WNW	.4			.4								.8	9.0
NW		1.2										1.2	5.3
NNW		1.2	.4	.8	.4							2.8	9.9
VARIABLE	////////////////////////////////////											12.1	////
TOTALS	2.0	36.3	34.7	13.3	1.2		.4					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 248

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.1	1.3	3.0	3.1	.2		.0					7.7	10.1
NNE	.0	.8	2.0	2.4	.1	.0						5.3	10.5
NE	.0	1.1	1.8	2.5	.2							5.6	10.2
ENE	.0	.9	2.9	2.2	.1							6.1	10.0
E	.0	1.7	3.3	1.0								6.1	8.4
ESE	.1	1.6	2.4	.8								5.0	8.0
SE		1.2	2.1	1.0								4.3	8.7
SSE	.1	1.7	2.3	.9	.0							4.9	8.1
S	.7	2.7	4.6	2.6	.0							10.0	8.9
SSW		1.4	4.1	2.5	.1							8.0	9.6
SW	.0	2.4	4.3	3.9	.1							10.7	9.6
WSW	.0	1.6	3.7	2.5	.0							7.9	9.3
W	.0	1.4	2.9	1.3	.1							5.6	8.8
WNW	.0	1.1	1.3	.3								2.8	7.4
NW		.6	1.0	.1	.0							1.7	7.7
NNW		.5	1.3	.8	.0							2.7	9.5
VARIABLE													
CALM	////////////////////											5.5	////
TOTALS	.6	22.2	43.0	27.7	1.0	.0	.0					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS: 4487

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 7A-87  
 MONTH: JUN HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		.9	4.2	1.5	.1							6.7	9.4
NNE		1.2	2.9	1.9								6.0	9.0
NE		1.6	2.9	1.4								5.9	8.7
ENE		1.4	2.0	.9								4.2	8.2
E		2.1	2.1	.4								4.6	7.5
ESE		1.6	.6									2.2	6.3
SE		.4	.6	.2								1.2	7.7
SSF	.1	.7	.5									1.4	6.2
S	.2	3.7	1.5	.1								5.6	5.8
SSW	.1	1.7	2.1	.2								4.2	7.3
SW		3.6	5.2	3.6	.1							12.6	9.0
WSW	.1	2.4	8.4	4.2								15.1	9.3
W		2.1	3.5	1.0								6.6	8.1
WNW	.4	3.1	1.2	.1								4.9	5.9
NW		1.4	1.0									2.4	6.5
NNW	.1	1.0	1.5									2.6	6.7
VARIABLE													
CALM	////////////////////											13.6	////
TOTALS	1.1	29.1	40.3	15.6	.2							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 801

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-87  
 MONTH: JUN HOURS(LST): 0900-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.1	3.1	4.3	1.7								9.2	8.0
NNE		2.6	2.4	2.1								7.1	8.6
NE		1.6	3.1	2.4	.1							7.2	9.5
ENE		.9	4.2	1.9								7.0	9.6
E		1.4	3.3	1.4								6.2	8.9
ESE		.8	1.7	.6								3.0	8.2
SE	.1	.2	2.0	.6								2.9	9.2
SSE		.3	1.6	.2								2.1	7.9
S		1.7	1.8	.3								3.8	7.3
SSW		1.9	2.9	1.2								6.0	8.1
SW		1.3	6.3	5.7								13.3	10.0
WSW	.1	1.8	4.3	6.3								12.6	10.3
W		1.8	5.7	1.4								8.9	8.5
WNW		1.2	1.6	.7								3.4	8.4
NW		.3	1.4	.2								2.0	8.8
NNW		.3	.4	.1								.9	7.6
VARIABLE													
CALM	////////////////////											4.3	////
TOTALS	.3	21.2	47.1	26.9	.1							100.0	8.6

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: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		2.4	3.2	1.1	.2							7.0	8.4
NNE		1.1	2.2	1.1								4.4	8.7
NE	.1	1.2	2.9	2.1								6.3	9.4
ENE		.9	4.8	2.6	.1							8.3	9.7
E		1.8	3.8	2.1								7.7	8.9
ESE		1.4	3.1	1.3								5.9	8.9
SE		1.1	2.6	.9								4.6	8.6
SSE		.6	2.6	.3								3.4	8.3
S		1.9	4.3	1.1								7.3	8.4
SSW		1.2	3.2	1.6								6.0	9.0
SW		.8	4.4	5.9	.1							11.2	10.8
WSW		1.1	5.6	5.3								12.0	10.3
W	.1	1.1	3.6	2.4								7.2	9.4
WNW		.8	1.4	.3								2.6	8.6
NW	.1	.2	1.1	.4								1.9	9.2
NNW		.2	.8	.3								1.3	8.9
VARIABLE	.....												
CALM	////////////////////											2.8	////
TOTALS	.3	17.9	49.6	29.0	.4							100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 940

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N		1.0	1.4	1.7	.1			4.3	9.9
NNE			1.3	.7	.1			2.2	10.9
NE	.1	.1	1.4	2.6	.4			4.8	11.8
ENE		.9	3.8	3.3				7.9	10.0
E		1.2	4.9	2.0				8.1	9.1
ESE		.9	5.9	2.6				9.4	9.5
SE		1.0	6.3	2.3				9.7	9.4
SSE		.6	2.9	1.3				4.8	9.5
S	.1	1.3	5.8	2.6	.3			10.1	9.6
SSW		1.3	5.2	2.7	.4			9.7	10.0
SW		.9	5.1	5.3	.1			11.4	10.8
WSW		.7	4.0	3.2	.3			8.2	10.3
W		1.2	2.2	1.2		.1		4.6	9.1
WNW		.4	1.2	.1				1.7	8.2
NW		.3	.6	.1				1.0	7.7
NNW		.3	.6	.3				1.2	9.1
VARIABLE									
CALM	////////////////////							1.0	////
TOTALS	.7	12.0	52.5	32.2	1.9	.1		100.0	9.8

TOTAL NUMBER OF OBSERVATIONS: 693

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-E3,86-87  
MONTH: JUN HOURS(LEI): 1800-2100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		.7	1.0	.5								2.2	9.1
NNE			1.0	.6	.5	.2						2.5	13.0
NE		.7	1.4	1.4	.2							3.2	10.8
ENE			1.5	4.7	1.4							7.6	8.3
E			3.4	6.2	.7							10.3	7.4
ESE	.2		4.2	4.2	.3	.2						9.1	7.4
SE			2.4	2.7	.3							5.4	7.4
SSE			4.1	3.4	.7							8.1	6.8
S			5.6	7.8	4.2	.2						17.7	8.8
SSW	.2		2.9	5.1	1.5	.3	.2					10.1	8.9
SW			3.2	5.9	2.7							11.1	8.3
WSW			1.6	1.9	.3							4.1	7.5
W			.5	.8	.2							1.5	7.8
WNW			1.2	.2	.2							1.5	6.6
NW			.7	.5	.2							1.0	7.8
NNW			.7	.3	.2							1.2	7.0
VERIFIABLE													
CALM	////////////////////											3.2	////
TOTALS	.3	32.6	47.1	14.9	1.4	.2						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 592

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-82,86-87  
 MONTH: JUN HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		.5	.5									1.0	6.5
NNE			1.5	.5	.5							2.6	12.8
NE		2.1	2.1	.5								4.6	7.6
ENE		2.6	1.5									4.1	6.6
E		6.2	4.6									10.8	6.3
ESE		5.1	2.1									7.2	6.1
SE	.5	1.5	.5									2.6	4.8
SSE	1.0	2.6	1.5									5.1	5.1
S		11.8	8.2	2.6	.5							23.1	7.5
SSW		3.6	2.6	2.1	.5							8.7	9.2
SW		5.1	4.6	2.6								12.3	7.9
WSW		2.6	1.5									4.1	5.9
W		1.0	.5									1.5	5.3
WNW		1.0	1.0	.5								2.6	7.8
NW		1.0										1.0	5.0
NNW		1.0										1.0	5.0
VARIABLE													
CALM	////////////////////											7.7	////
TOTALS	1.5	47.7	32.8	8.7	1.5							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 195

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.7	1.7	2.9	1.3	.1							6.0	8.7
NNE		1.1	2.0	1.3	.1	.3						4.6	9.4
NE	.0	1.1	2.4	1.9	.1							5.6	9.7
ENE		1.2	3.8	1.9	.0							6.9	9.2
E		2.1	3.9	1.3								7.4	8.3
ESE	.0	1.8	2.9	.9	.0							5.7	8.3
SE	.0	1.0	2.6	.8								4.4	8.6
SSE	.1	1.2	2.1	.4								3.7	7.7
S	.1	3.1	4.1	1.5	.1							8.9	8.2
SSW	.0	1.8	3.5	1.4	.1	.7						7.0	8.9
SW		2.0	5.3	4.6	.1							12.0	9.8
WSW	.7	1.6	4.9	4.0	.0							13.6	9.7
W	.0	1.4	3.2	1.3		.7						5.9	8.7
WNW	.1	1.3	1.2	.3								2.9	7.4
NW	.0	.5	.9	.2								1.7	8.0
NNW	.0	.5	.7	.2								1.4	7.6
VARIABLE	////////////////////////////////////											5.2	////
CALM	////////////////////////////////////											5.2	////
TOTALS	.5	23.4	46.6	23.4	.8	.1						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 4081

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-7	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.1	2.9	3.5	1.2								7.7	7.5
NNE		1.3	2.6	1.1								5.0	8.7
NE		2.0	1.6	.4								4.0	7.2
ENE		1.4	1.8	.2								3.5	7.0
E	.1	1.9	1.7	.6								4.3	7.4
ESE	.1	.6	.2	.1								1.1	6.2
SE		.1	.4									.5	7.5
SSE		.5	.5									1.0	6.5
S		3.1	.5	.1								3.7	5.6
SSW		3.2	1.7	.2								5.2	6.5
SW	.1	3.6	7.3	2.2								13.2	8.3
WSW	.1	5.8	9.1	2.2								17.2	8.0
W	.2	4.6	3.2	1.1								9.1	7.0
WNW		4.2	1.0									5.2	5.3
NW		2.4	.4	.4								3.1	6.0
NNW		1.8	1.7									3.5	6.6
VARIABLE													
CALM	////////////////////											12.7	////
TOTALS	.8	39.5	37.1	9.7								100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 832

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 79-87  
 MONTH: JUL HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		5.2	4.0	.8								9.9	7.0
NNE		2.9	2.9	1.1								6.9	7.4
NE		2.7	1.9	2.8								7.4	8.9
ENE		1.5	1.9	1.1								4.5	8.5
E		1.7	2.8	.9								5.4	8.3
ESE		1.4	2.4	.2								4.0	7.7
SE		.4	1.5									1.9	7.9
SSE		.4	.5	.1								1.1	7.7
S		1.9	1.5	.4								3.9	7.1
SSW		1.5	3.1	1.0								5.6	8.5
SW	.1	1.9	5.5	5.4	.1							13.0	9.9
WSW	.2	2.5	7.0	4.7								14.4	9.1
W	.2	2.9	6.1	2.0								11.3	8.1
WNW		1.8	1.2									3.0	6.3
NW		.1	.5									.6	7.8
NNW		1.0	.6	.1								1.7	6.5
VARIABLE													
CALM	////////////////////											5.2	////
TOTALS	.5	30.9	43.6	20.6	.1							100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 928

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 7A-87  
 MONTH: JUL HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		2.0	2.9	.9								5.8	8.1
NNE		1.7	1.3	.4								3.4	7.5
NE	.1	1.3	2.8	2.5								6.7	9.6
ENE		1.5	3.0	2.7								7.2	9.4
E		1.7	3.3	1.0								6.0	8.1
ESE		1.6	3.8	.9								6.2	8.2
SE		1.2	2.4	1.1								4.6	8.6
SSE		.6	1.8	.1								2.6	7.8
S		1.9	7.6	2.0								7.5	8.6
SSW	.1	1.3	5.1	2.2								8.6	9.0
SW		1.5	7.0	5.8	.1							14.4	10.0
WSW	.1	1.2	6.0	4.0								11.3	9.8
W	.2	1.7	3.1	1.8								6.9	8.5
WNW	.1	1.0	1.0	.4								2.5	7.5
NW		.5	.8									1.3	7.4
NNW		.4	.3	.1								.9	6.9
VARIABLE	////////////////////////////////////											3.9	////
TOTALS	.6	21.3	48.2	25.9	.1							100.0	8.6

TOTAL NUMBER OF OBSERVATIONS: 928

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-87  
 MONTH: JUL HOURS(157): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.1	.7	1.0	.3								2.0	7.0
NNE		.4	.5	.7								1.6	9.5
NE		1.0	1.1	2.0								4.1	9.8
ENE		.7	5.3	2.2								9.2	9.6
E		.4	4.9	1.5								6.8	9.4
ESE		1.5	5.2	1.1								7.8	8.4
SE		2.0	3.7	1.5								7.2	8.7
SSE		1.2	3.7	1.0								5.9	8.7
S		2.3	5.9	1.9	.1	.3						10.5	8.9
SSW		1.4	5.4	2.7	.1	.1						9.8	9.6
SW		2.6	6.8	4.4								13.8	9.4
WSW	.1	1.9	3.3	2.7		.1						8.2	9.2
W		1.2	4.2	1.0								6.4	8.6
WNW		.7	2.2	.3								3.1	7.7
NW		.8	.4	.3								1.5	7.3
NNW		.4	.3	.1		.1						1.0	9.6
VARIABLE													
CALM	////////////////////											2.2	////
TOTALS	.3	19.2	53.8	23.6	.3	.7						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 734

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-82,86-87  
 MONTH: JUL HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		.5	.3		.2							.9	8.0
NNE			.8	.2								.9	10.0
NE		.5	2.0	1.3								3.9	9.5
ENE		1.4	3.0	1.9								6.3	9.2
E		4.7	6.0	.6								11.3	7.1
ESE	.2	3.6	1.7	.2								5.7	6.1
SE		2.8	2.8	.5								5.1	6.8
SSE		5.8	2.7	.2								9.7	6.1
S		6.6	5.2	1.1								12.9	7.1
SSW	.2	3.3	5.4	1.4								10.2	7.7
SW		6.3	3.8	1.4	.2							11.7	7.3
WSW		3.1	1.4	.3								4.9	6.4
W	.3	2.4	1.4	.2								4.3	6.6
WNW	.2	1.6	.6	.2								2.5	5.8
NW		1.1	.3									1.4	5.7
NNW		.5	.5	.2	.2							1.3	9.1
VARIABLE													
CALM	////////////////////											7.1	////
TOTALS	.8	44.7	38.0	9.4	.5							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 655

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-82,86-87  
 MONTH: JUL HOURS(EST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		.5	.5									.9	6.5
NNE		.5	.9	.5								1.8	8.8
NE		.9	1.4									2.3	6.8
ENE		.9	3.7									4.6	7.9
E		5.0	2.8									7.8	6.2
ESE		6.4	1.4									7.8	5.6
SE		1.8	.9									2.8	5.8
SSE		4.1	.5									4.6	5.2
S	.5	11.5	3.7	.5	.9							17.0	6.5
SSW		6.9	8.7	2.3								17.9	7.7
SW	.5	3.2	2.8	1.4								7.8	7.5
WSW	.5	3.2	.9									4.6	5.6
W		1.8	.9	.5								3.2	7.3
WNW		1.4										1.4	5.0
NW		.5										.5	5.0
NNW		1.4	.5									1.8	6.0
VARIABLE													
CALM	////////////////////											13.3	////
TOTALS	1.4	50.0	29.4	5.0	.9							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 218

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.0	2.3	2.4	.6	.0							5.5	7.4
NNE		1.4	1.7	.7								3.7	8.0
NE	.0	1.5	1.9	1.8								5.2	9.0
ENE		1.3	3.0	1.5								5.4	8.9
E	.0	2.2	3.5	.9								6.6	7.9
ESE	.0	1.9	2.6	.5								5.0	7.5
SE		1.2	2.0	.6								3.8	8.0
SSE		1.6	1.7	.2								3.5	7.2
S	.0	3.4	3.2	1.1	.1	.0						7.8	7.6
SSW	.0	2.3	4.3	1.5	.0	.0						8.2	8.4
SW	.1	3.0	6.0	3.9	.1							13.0	9.1
WSW	.1	2.9	5.4	2.8		.0						11.3	8.7
W	.2	2.5	3.6	1.3								7.6	7.9
WNW	.0	1.8	1.1	.2								3.2	6.3
NW		.9	.5	.1								1.5	6.6
NNW		.9	.7	.1	.0	.0						1.7	7.2
VARIABLE													
CALM	////////////////////											6.5	////
TOTALS	.7	31.3	43.5	17.7	.2	.1						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 4275

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.2	3.6	4.8	1.0								9.7	7.7
NNE		1.5	3.4	2.1	.2							7.1	9.5
NE	.1	1.7	2.4	.6	.1							5.0	8.1
NNE	.1	.6	1.2	.6	.1							2.7	9.1
E		2.1	1.6	.2								3.9	7.0
ESE		.4	.4									.7	6.2
SE	.1	.4										.5	4.5
SSE		.5	.1									.6	5.2
S	.5	4.5	.5									5.4	5.1
SSW	.1	2.1	1.2	.2								3.6	6.4
SW	.2	5.3	5.1	1.3								12.0	7.2
WSW		5.7	5.1	1.3								11.4	7.3
W	.1	3.9	4.1	.4								8.5	6.7
WNW	.2	2.1	.7	.1								3.1	6.0
NW	.1	2.2	1.1									3.4	5.7
NNW		1.8	1.7									3.5	6.5
VARIABLE													
CALM	////////////////////											18.9	////
TOTALS	1.9	37.4	33.4	7.9	.5							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 926

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.1	3.5	5.2	1.5			.1					10.5	8.2
NNE	.2	2.2	2.5	1.0								5.9	8.1
NE	.2	2.4	3.4	3.9	.3							10.2	9.4
ENE		.7	2.7	3.9								7.3	10.7
E		1.2	2.2	.5								3.9	7.9
ESE	.1	1.7	1.7	.1	.1							3.8	7.4
SE		.9	1.2	.2								2.3	8.0
SSE		1.1	.5									1.6	6.2
S	.2	1.7	2.6	.5								5.1	7.4
SSW		1.2	2.8	.7								4.7	7.9
SW		2.0	6.0	3.1								11.0	9.1
WSW		3.4	5.4	2.6								11.4	8.5
W	.1	2.8	4.5	.7								8.1	7.4
WNW	.1	2.1	.9									3.1	5.9
NW		.9	1.0	.1								2.0	7.2
NNW		1.1	1.5	.1								2.7	7.5
VARIABLE													
CALM	////////////////////											5.4	////
TOTALS	1.1	28.8	44.2	15.0	.4		.1					110.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 918

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-5	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N		2.0	3.6	2.0							7.5	8.8
NNE	.1	1.4	2.6	.5							4.7	7.8
NE	.1	1.1	2.6	3.1	.1	.1					7.2	10.2
ENE		1.2	3.5	3.6	.5						8.8	10.6
E	.1	2.1	4.4	1.4	.1		.1				8.2	8.9
ESE		1.4	2.9	.5							4.9	7.7
SE		1.0	3.3	1.6							5.9	9.1
SSE		1.1	2.9	.5							4.6	8.0
S		1.7	3.5	1.3							6.5	8.7
SSW		1.5	4.1	1.3							6.9	8.5
SW		1.4	5.2	5.1							11.7	9.9
WSW		1.5	3.0	2.6							7.2	9.3
W	.2	2.7	3.5	.7							7.0	7.3
WNW		1.0	.3		.1						1.4	6.8
NW		.4	.5	.1							1.1	6.8
NNW		.8	.5		.1						1.4	7.5
VARIABLE												
CALM	////////////////////										5.1	////
TOTALS	.5	22.2	46.5	24.4	1.0	.1	.1				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 922

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		.6	2.6	1.4					.1			4.7	10.9
NNE	.1	.3	1.7	1.1			.1					3.3	10.5
NE		.3	2.9	3.4	.3							6.9	11.1
ENE		.8	3.7	3.3	.4		.1					8.4	10.8
E		2.8	5.6	1.5								9.9	8.3
ESE		.6	4.7	.4								5.6	8.2
SE		2.3	4.5	1.5								8.4	8.5
SSE	.1	2.1	2.3	1.0								5.5	7.6
S	.1	3.3	7.7	1.7								12.8	8.0
SSW		2.2	5.5	2.3								10.0	8.8
SW		1.2	5.0	2.3								8.5	9.1
WSW	.1	1.5	3.0	.7								5.4	7.9
W		1.2	3.0	.6								4.8	8.2
WNW		.8	.3									1.1	5.8
NW		.1	.4	.1								.7	9.4
NNW			1.1	.1								1.2	8.7
VARIABLE													
CALM	////////////////////											2.5	////
TOTALS	.6	20.1	54.1	21.5	.7		.3	.1				100.0	8.7

TOTAL NUMBER OF OBSERVATIONS: 727

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-82,86-87  
 MONTH: AUG HOURS(LOCAL TIME): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		.5	1.4	1.1								3.0	10.0
NNE		.3	2.2	1.4								3.9	10.6
NE		.9	3.8	1.3								6.0	8.7
ENE			1.7	4.9	1.6	.2						8.3	9.0
E	.2	5.6	3.6	.2								9.6	6.5
ESE		4.5	1.9	.5								6.9	6.4
SE		4.1	1.7									5.8	5.9
SSE	.2	3.6	2.0									5.8	6.2
S	.2	11.9	5.8	.3								18.2	6.3
SSW	.2	4.1	4.7	.5								9.4	7.2
SW	.3	2.5	2.2	.3								5.3	6.6
WSW	.5	1.3	.8	.3	.2							3.0	7.0
W		1.9	.3	.3								2.5	6.1
WNW		.3				.3						.6	14.5
NW		.3	.2			.2						.6	11.0
NNW		.9	.6	.2								1.7	7.1
VARIABLE													
CALM	////////////////////											9.4	////
TOTALS	1.4	44.5	36.1	7.8	.3	.5						107.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 638

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-82,86-87  
 MONTH: AUG HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		.9	1.8	.9								3.7	8.6
NNE		.5	3.7	.5								4.6	9.3
NE		1.8	2.8									4.6	7.3
ENE		3.2	3.2	.9								7.4	7.8
E	.5	3.2	1.4									5.1	5.4
ESE	.5	4.1	.9									5.5	5.2
SE		1.8										1.8	4.8
SSE		3.2	.9									4.1	5.2
S		15.2	6.9	.9								23.0	6.2
SSW		4.6	4.6	1.4								10.6	7.7
SW	.5	2.3	.5	.5								3.7	6.0
WSW	.9	2.3	.5									3.7	4.9
W		1.8	.5			.5						2.8	8.3
WNW		.9										.9	4.0
NW	.5	.5	.5	.5								1.8	6.8
NNW		1.4										1.4	5.0
VAR IABLE													
CALM	////////////////////											15.2	////
TOTALS	2.8	47.9	28.1	5.5		.5						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 217

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-87  
 MONTH: AUG HOURS/ST: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.1	2.1	3.6	1.4			.0			.0		7.2	8.6
NNE	.1	1.2	2.6	1.2	.3			.0				5.1	9.0
NE	.1	1.4	3.0	2.4	.2	.3						7.3	9.7
ENE	.7	1.1	3.1	2.6	.2			.0				7.1	10.1
E	.1	2.6	3.3	.8	.0		.0					6.8	7.8
ESE	.0	1.7	2.2	.3	.0							4.3	7.2
SE	.0	1.6	2.0	.7								4.3	7.9
SSE	.0	1.6	1.5	.3								3.5	7.0
S	.2	4.8	4.0	.8								9.7	7.0
SSW	.0	2.2	3.6	1.0								6.9	7.9
SW	.1	2.5	4.6	2.5								9.7	8.6
WSW	.1	2.6	3.5	1.6	.0							7.8	8.1
W	.1	2.5	3.1	.5		.0						6.3	7.2
WNW	.1	1.3	.4	.0	.0	.0						1.9	6.4
NW	.0	.8	.7	.1		.3						1.6	6.9
NNW		1.0	1.1	.1	.0							2.1	7.1
VARIABLE	.....												
CALM	////////////////////											8.8	////
TOTALS	1.2	39.9	42.3	16.1	.6	.1	.0	.0	.0	.0		107.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 4248

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.2	3.6	8.4	2.6								14.9	8.5
NNE		2.9	5.1	3.1								11.1	9.0
NE		2.7	2.6	.9	.1							6.3	7.9
ENE		2.6	3.2	.5	.1							6.5	7.5
E		1.4	1.9	.4								3.6	7.9
ESE		1.0	.4	.1								1.5	6.7
SE		.2	.4	.2								.9	8.4
SSE		.7	.1	.4								1.2	6.8
S	.1	1.5	.5	.1								2.2	6.1
SSW	.1	2.2	1.4	.1								3.9	6.4
SW		3.9	2.5	.9								7.2	7.0
WSW	.2	3.6	3.9	.9								8.6	7.0
W	.4	4.5	2.5	.4								7.7	6.4
WNW	.1	3.2	.6									4.0	5.3
NW	.2	1.6	.5									2.4	5.7
NNW		1.4	.7	.1								2.2	6.4
VARIABLE	////////////////////////////////////											15.9	////
TOTALS	1.5	37.0	34.7	10.7	.2							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 805

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 79-87  
 MONTH: SEP HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.1	2.8	5.1	2.8								10.8	8.8
NNE	.1	1.8	5.0	3.8	.1							10.8	9.4
NE	.1	2.5	5.4	6.1	.1							14.2	10.3
ENE		1.5	4.0	5.3	.2							10.9	10.7
E	.1	1.0	4.2	2.3								7.7	9.6
ESE		.4	1.3	.7								2.5	9.5
SE	.1	1.1	1.0	.4								2.7	7.4
SSE		.8	.7	.3								1.8	7.0
S		1.1	.9									2.0	6.4
SSW	.1	1.1	.9	.7								2.8	8.0
SW		2.1	4.1	1.8								8.0	8.6
WSW		1.6	4.2	1.3								7.2	8.6
W	.2	2.1	4.8	1.1								8.3	7.7
WNW		1.3	.9	.2								2.5	6.5
NW	.1	.6	1.1	.2								2.0	8.3
NNW		.6	.7	.3								1.6	7.9
VARIABLE													
CALM	////////////////////											4.2	////
TOTALS	1.0	22.3	44.5	27.5	.4							100.0	8.6

TOTAL NUMBER OF OBSERVATIONS: 895

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		1.8	3.6	2.1								7.5	9.2
NNE	.1	1.1	3.2	3.0	.2							7.7	10.3
NE	.1	1.6	4.6	6.7	.1							13.0	10.6
ENE		1.8	7.3	5.8	.2							15.1	10.0
E		1.8	4.0	2.7								9.5	9.3
ESE	.1	1.1	2.3	.9	.1							4.6	8.3
SE		1.1	2.2	1.4								4.8	9.2
SSE		.3	1.2	.3								1.9	8.2
S		1.9	2.3	.8								5.0	8.0
SSW		1.2	3.2	.6								5.0	8.4
SW		1.2	4.6	2.7		.1						8.6	9.5
WSW	.1	1.0	3.9	2.2								7.2	9.1
W		1.2	2.0	1.4								4.7	9.0
WNW	.1	.6	1.2	.4								2.3	7.8
NW		.3	.3	.1								.8	8.1
NNW		.1	.7	.3								1.1	9.1
VARIABLE													
CALM	////////////////////											2.2	////
TOTALS	.6	18.2	46.8	31.5	.7	.1						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 898

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		.9	2.4	.8	.3							4.4	9.5
NNE		1.1	1.4	2.3	.1							4.9	10.1
NE	.1	.7	5.4	6.5	.6							13.3	11.1
ENE		1.3	8.2	6.3								15.8	10.1
E	.1	1.7	7.1	2.0	.1							11.0	8.8
ESE		.8	2.8	1.3								4.9	8.9
SE		2.8	3.5	.8								7.2	7.8
SSE		1.1	2.1	.4								3.7	8.4
S	.1	2.0	5.5	1.1								8.7	8.1
SSW		.7	4.4	.8								5.9	8.7
SW		1.7	2.4	1.7								5.8	8.7
WSW		.1	3.5	1.0								4.7	9.3
W		1.7	1.7	.6								3.5	8.2
WNW		.8	.8									1.7	7.3
NW		.4	.7	.7								1.8	9.4
NNW		.6	.6	.8								2.0	9.8
VARIABLE													
CALM	////////////////////											.7	////
TOTALS	.4	18.1	52.5	27.2	1.1							100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 709

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-82,86-87  
 MONTH: SEP HOURS: 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		.2	1.8	.5								2.4	8.8
NNE		1.0	3.3	1.6								5.9	8.9
NE		1.0	9.0	2.1	.3							12.4	9.1
ENE		2.3	7.8	2.3								12.4	8.8
E		6.4	4.7	.5								11.6	6.8
ESE	.3	5.2	1.8									7.3	5.6
SE	.3	2.6	.5	.2								3.6	5.8
SSE		3.8	1.5	.2								5.4	6.0
S	.2	6.2	4.4	.7								11.4	6.8
SSW	.2	1.8	2.9	.3								5.2	7.4
SW	.2	2.6	1.8	.3								4.9	6.9
WSW	.1	3.4	.7									4.4	5.2
W		.8	.5									1.3	5.6
WNW		.8	.5									1.3	6.0
NW		.5	.2									.7	6.8
NNW		.5	.2	.2								.8	7.4
VARIABLE													
CALM	////////////////////											9.0	////
TOTALS	1.5	39.0	41.4	8.8	.3							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 613

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-82,86-87  
 MONTH: SEP HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		1.0	1.5	.5								2.9	8.5
NNE		3.4	5.3	.5								9.2	7.7
NE		3.4	5.3	1.9								10.7	8.2
ENE			2.4	7.3	1.5							11.2	8.2
E	.5	2.9	1.5									4.9	5.9
ESE	.5	3.4	.5	1.0								5.3	6.1
SE		3.4	1.5									4.9	5.6
SSE			1.9	.5	.5							2.9	6.5
S	1.0	7.8	5.8									14.6	6.3
SSW			2.4	2.4	.5							5.3	8.1
SW			4.4	1.0	1.5							6.8	7.0
WSW			1.9		.5							2.4	6.4
W	.5	1.0	.5									1.9	5.3
WNW			1.0	.5								1.5	6.3
NW			.5									.5	6.0
NNW				.5								.5	8.0
VARIABLE													
CALM	////////////////////											14.6	////
TOTALS	2.4	40.4	34.0	8.3								100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 206

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-87  
 MONTH: SEP HOURS(DST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.1	1.9	4.3	1.8	.0							8.1	8.8
NNE	.0	1.7	3.8	2.7	.1							5.4	9.4
NE	.1	1.8	5.2	4.5	.2							11.8	10.0
ENE		1.9	6.0	4.0	.1							12.0	9.6
E	.1	2.3	4.1	1.6	.0							8.1	8.5
ESE	.1	1.6	1.6	.6	.0							4.0	7.6
SE	.1	1.6	1.5	.6								3.8	7.8
SSE		1.2	1.0	.3								2.6	7.2
S	.1	2.6	2.7	.5								5.9	7.2
SSW	.1	1.5	2.5	.5								4.5	7.9
SW	.0	2.4	3.1	1.6		.7						7.1	8.3
WSW	.1	1.9	3.2	1.1								6.4	8.0
W	.1	2.7	2.4	.7								5.2	7.5
WNW	.0	1.4	.8	.1								2.4	6.4
NW	.1	.7	.6	.2								1.5	7.6
NNW		.6	.6	.3								1.5	8.0
VARIABLE													
CALM	////////////////////											6.7	////
TOTALS	1.0	27.0	43.5	21.3	.5	.7						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 4126

GLOBAL CLIMATOLOGY BRANCH      PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC      FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 746941      STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		2.9	6.1	3.5								12.5	8.9
NNL	.3	2.4	2.3	2.7	.6							8.2	9.9
NE		1.4	2.3	2.9	.3							6.8	10.4
ENE		.8	2.1	2.1								5.1	10.2
E		.9	.5	.4								1.8	7.8
ESE		.2	.1									.3	7.0
SE		.5	.5									1.0	6.8
SSE	.1	.9		.3								1.3	6.1
S	.3	1.0	.8	.1								2.1	6.5
SSW		1.4	1.0	.3								2.7	6.8
SW		3.9	2.1	1.1								7.2	7.2
WSW		2.7	3.7	.6								7.0	7.5
W		2.1	2.8	.4								5.3	7.4
WNW	.3	4.4	1.4									6.1	5.6
NW	.4	1.7	2.4	1.0								5.6	7.5
NNW	.1	1.5	2.9	1.1								5.7	8.6
VARIABLE	.....												
CALM	////////////////////////////////////											21.5	////
TOTALS	1.4	28.7	31.0	16.6	.9							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 791

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		4.8	5.3	4.7	.2							15.1	9.1
NNE	.1	2.2	2.3	4.1	.2							8.8	9.9
NE		2.4	2.9	5.9	.8							11.9	11.1
ENE		1.2	2.3	4.7	.2	.1						8.5	11.3
E		.9	3.0	2.7								6.6	10.1
ESE		.6	.4	.2								1.3	7.7
SE		.8	1.0	.4								2.2	8.1
SSE		.6	1.5	.3								2.5	8.0
S		1.1	1.9	.4								3.4	7.5
SSW		.6	1.0	.8	.1							2.5	9.3
SW		1.5	3.3	3.0	.2							8.1	9.8
WSW	.1	1.9	2.8	1.4								6.2	8.4
W		1.9	3.3	1.7	.1							7.1	8.8
WNW		1.4	1.7	.5	.1							3.8	8.2
NW		.5	.8	1.4	.2							2.9	10.8
NNW		.5	1.6	2.0	.3							4.5	11.0
VARIABLE	.....												
CALM	////////////////////////////////////											4.6	////
TOTALS	.2	23.0	35.1	34.4	2.5	.1						100.0	9.2

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: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.1	2.4	3.9	4.2	.2							10.3	10.1
NNE		1.7	2.7	2.7	.5	.1						7.7	10.5
NE		1.6	4.1	6.0	1.3		.1					13.1	11.8
ENE		1.0	3.5	4.8	.5							9.9	10.8
E	.1	1.5	4.0	2.3								7.8	8.9
ESE	.2	.8	2.6	.5								4.1	7.9
SE		.9	2.3	.6								3.8	8.3
SSE		.2	1.8	.3								2.4	9.2
S		1.6	1.6	.8								4.0	7.5
SSW		1.0	2.0	1.6								4.6	9.5
SW		.8	3.2	3.5								7.5	10.6
WSW		.9	3.3	3.4	.2	.1						8.0	10.7
W		.6	2.5	1.5								4.6	9.9
MNW		.9	.8	1.0	.2							2.8	10.1
NW		.8	1.2	1.0								2.9	9.4
NNW		.7	1.8	1.6	.3							4.1	11.1
VARIABLE													
CALM	////////////////////											2.4	////
TOTALS	.4	16.9	40.9	35.9	3.3	.2	.1					100.0	9.9

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: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		1.1	2.4	4.7	.4							8.6	10.7
NNE		.5	1.9	4.2	.7							7.3	11.9
NE		.5	3.6	6.5	.7	.4						11.7	12.1
ENE		.5	3.2	3.2		.1						7.1	10.5
E		1.2	3.2	1.9								6.3	8.9
ESE		1.3	3.8	.8								5.9	8.2
SE		.9	1.9	.5	.3							3.6	9.0
SSE		1.5	3.2	.5								5.2	7.8
S		2.4	2.6	.7								5.6	7.8
SSW		1.2	5.0	.4								6.6	8.2
SW	.1	1.6	4.0	3.2			.1					9.1	9.6
WSW		.7	3.8	1.5		.1						6.0	9.4
W	.1	1.1	.8	2.0	.4	.1	.1					4.7	10.9
WNW		.8	1.3	1.2								3.4	9.5
NW		.4	1.2	1.2								2.8	10.4
NNW	.1	.2	1.9	1.2								3.5	9.2
VARIABLE	////////////////////////////////////											2.4	////
CALM	////////////////////////////////////											2.4	////
TOTALS	.4	16.1	43.8	33.7	2.4	.9	.3					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 77-82,86  
 MONTH: OCT HOURS(LST): 18J0-20J0

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		1.2	3.3	1.9	.5							6.8	9.6
NNE		1.6	3.7	3.9	.3	.2						9.6	10.8
NE		1.7	3.4	4.5	.5	.3	.2					10.6	11.5
ENE		.8	2.5	.8	.2							4.2	9.3
E			3.6	1.6								5.1	5.8
ESE			2.5	.2								2.6	5.0
SE	.2	1.9	.5	.2								2.6	5.8
SSE	.2	3.4	1.1									4.7	5.5
S	.2	8.2	3.3	.3								12.0	6.0
SSW		4.7	2.6	.5								7.8	6.7
SW		2.8	2.0	.9	.2							5.9	7.8
WSW		1.7	.5	.2								2.3	6.1
W		2.3	1.7	.2	.2							4.4	7.0
WNW		1.9	1.1	.6	.2							3.7	7.4
NW		.8	.8	.5								2.0	8.2
NNW		1.1	1.1	.5								2.6	8.1
VARIABLE													
CALM	////////////////////											12.9	////
TOTALS	.5	40.1	29.2	14.8	1.9	.5	.2					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 643

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 77-82,86  
 MONTH: OCT HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL %	MEAN WIND			
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40			41-47	48-55	GE 56
N		1.2	3.3	1.2	.4							6.1	9.1
NNE		1.6	2.9	4.5								9.0	10.2
NE		2.4	.8	8.2	.4	.4						12.2	12.1
ENE	.8	.8	1.6	.4								3.7	7.3
E	.4	2.9										3.3	4.4
ESE		.8	.4									1.2	6.3
SE	.4											.4	3.0
SSE		.8	1.2									2.0	6.6
S	.4	9.8	2.4									12.7	5.3
SSW	.4	2.9	2.9	.8								6.9	6.8
SW	.4	2.9	3.3	1.6								8.2	8.0
WSW		3.3	.8	.4								4.5	6.4
W		2.9	1.6									4.5	6.2
WNW		.8		.8								1.6	8.5
NW		.8		.4								1.2	8.3
NNW			2.4									2.4	8.2
VARIABLE	.....												
CALM	////////////////////											20.0	////
TOTALS	2.9	33.9	23.7	18.4	.8	.4						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 245

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 77-86  
 MONTH: OCT HOURS(1ST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.0	2.5	4.1	3.8	.3							10.7	9.6
NNE	.1	1.7	2.5	3.5	.4	.0						8.3	10.5
NE		1.6	3.1	5.4	.7	.1	.0					11.0	11.5
ENE	.0	.9	2.7	3.2	.2	.0						7.0	10.5
E	.0	1.6	2.4	1.5								5.5	8.6
ESE	.0	1.0	1.4	.3								2.7	7.5
SE	.0	.9	1.2	.4	.0							2.5	7.9
SSE	.0	1.2	1.5	.3								3.0	7.3
S	.1	3.0	2.0	.4								5.5	6.7
SSW	.0	1.7	2.3	.7	.0							4.7	8.0
SW	.0	2.1	3.0	2.4	.1		.0					7.7	9.1
WSW	.0	1.7	2.8	1.5	.0	.0						6.0	8.8
W	.0	1.7	2.3	1.1	.1	.0	.0					5.3	8.7
WNW	.0	1.8	1.2	.7	.1							3.8	7.8
NW	.1	.8	1.2	1.0	.0							3.2	9.1
NNW	.0	.7	1.9	1.3	.1							4.1	9.7
VARIABLE													
CALM	////////////////////											9.0	////
TOTALS	.7	24.7	35.6	27.5	2.2	.3	.1					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 4282

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 77-86  
 MONTH: NOV HOURS (LST): 0600-0620

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.2	2.5	7.6	4.5								14.8	9.3
NNE		2.1	2.9	2.1	.2							7.4	9.1
NE		1.8	2.5	1.6								5.9	9.1
ENE	.2	1.2	2.1	.4								3.9	7.3
E	.2	1.0	2.3	.8	.2							4.5	8.8
ESE		.8	.2	.4								1.4	7.7
SE	.2	.8	.2	.4								1.6	7.4
SSE	.2	1.0	1.2	.2								2.5	7.0
S	.2	1.8	1.2	.6								3.7	6.9
SSW		1.8	1.4	.8								3.9	7.4
SW		2.3	2.0	.2								4.5	6.9
WSW	.4	2.5	2.1	.4								5.5	6.7
W		3.1	3.7	.8	.2							7.8	7.6
WNW	.2	5.7	1.4	.6								7.8	6.3
NW		.8	1.6	.8								3.1	8.8
NNW		1.4	1.8	1.2								4.3	8.7
VARIABLE													
CALM	////////////////////											17.4	////
TOTALS	1.9	30.5	34.2	15.6	.6							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 512

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 77-86  
 MONTH: NOV HOURS(LST): 0900-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.1	3.8	6.2	5.0	.7							15.8	9.6
NNE	.1	2.7	3.0	4.0	.4							10.2	10.0
NE		1.2	1.8	3.3	.1							6.4	10.7
ENE	.1	1.3	1.9	1.4	.2							5.0	9.4
E		1.1	2.8	2.7								6.6	9.6
ESE		1.2	1.3	.6	.1							3.2	8.3
SE		1.1	.9	.4								2.4	7.5
SSE		.2	.9	.1								1.2	7.9
S	.1	1.7	2.2	1.1								5.1	8.6
SSW	.1	.7	1.0	.4								2.2	8.1
SW		1.8	3.2	2.7								7.7	9.2
WSW		1.4	1.8	2.1								5.3	9.4
W		2.3	2.2	1.9	.1							6.6	8.8
WNW		1.7	2.6	2.3								6.6	9.4
NW		1.2	1.8	1.7								4.4	9.7
NNW		.9	1.6	2.2	.1							4.8	10.3
VARIABLE	.....												
CALM	////////////////////////////////////											6.4	////
TOTALS	.6	24.1	35.1	32.0	1.8							100.0	8.8

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: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.1	2.0	5.7	4.3	.3							12.4	9.9
NNE		1.8	3.7	3.2	.3							9.0	10.0
NE		1.7	3.4	3.3	.1							8.6	9.6
ENE	.1	.9	3.0	2.2	.1							6.3	9.9
E	.1	1.8	3.2	1.0	.1							6.2	8.4
ESE	.1	1.4	1.7	1.7								4.9	8.9
SE		1.0	1.6	.9								3.4	8.5
SSE		.9	1.0	.1								2.0	7.4
S	.1	.8	2.8	1.2								4.9	8.9
SSW		.3	2.6	.8								3.7	9.2
SW	.1	.8	2.6	4.3	.1							7.9	10.8
WSW		.9	3.1	3.1								7.1	10.3
W	.1	1.7	4.0	2.6								8.3	9.2
WNW	.1	1.3	.8	2.1	.1							4.4	10.2
NW		.4	1.2	1.9								3.6	10.9
NNW	.1	.7	1.1	2.4	.1							4.4	10.6
VARIABLE													
CALM	////////////////////											2.8	////
TOTALS	1.0	18.3	41.3	35.2	1.3							100.0	9.4

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: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		1.5	3.9	4.0	.6							9.9	10.8
NNE	.1	.5	1.9	3.6	.6							6.7	11.5
NE		1.5	4.2	3.7								9.4	9.5
ENE		.9	3.5	2.2								6.6	9.7
E		1.2	2.9	1.0								5.1	8.7
ESE		2.2	2.6	.4								5.2	7.3
SE	.1	2.1	2.0	.1	.1							4.5	7.1
SSE		1.7	2.0	.2								4.0	7.2
S		3.6	3.5	.9								7.9	7.5
SSW		1.9	2.1	.7								4.7	7.8
SW		2.2	3.2	1.6	.1							7.2	8.6
WSW		1.4	1.7	2.2								5.3	9.5
W		2.1	3.1	1.2								6.4	8.5
WNW	.1	1.1	2.7	1.7	.1							5.8	9.5
NW		.9	1.2	1.2	.1							3.5	10.0
NNW		.2	1.6	1.9								3.7	10.6
VARIABLE													
CALM	////////////////////											4.1	////
TOTALS	.4	25.0	42.0	26.8	1.7							100.0	8.7

TOTAL NUMBER OF OBSERVATIONS: 867

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 77-82,86  
 MONTH: NOV HOURS(IST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		1.9	4.0	3.8	.3							17.1	10.0
NNE		2.1	6.2	2.4	.5							11.2	9.1
NE		2.2	3.5	1.8	.2							7.7	8.7
ENE	.3	1.3	2.4	.2								4.2	7.2
E		3.4	1.1	.3								4.8	6.5
ESE		1.4	.3									1.8	5.9
SE	.2	3.7	1.0	.3								5.1	5.8
SSE		2.2	1.8	.5								4.5	7.2
S	.5	4.5	4.2	.6								9.8	6.9
SSW		2.6	1.1	1.0								4.6	7.2
SW		2.7	1.3	.3								4.3	6.6
WSW		3.2	.6	.3								4.2	5.8
W	.2	2.4	1.6	.6								4.8	7.2
WNW		1.9	1.8	1.0								4.5	8.5
NW		.5	1.9	.3								2.7	7.9
NNW		.8	1.1	1.1								3.0	9.1
VARIABLE													
CALM	////////////////////											12.8	////
TOTALS	1.1	36.6	33.9	14.6	1.0							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 625

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 77-82,86  
 MONTH: NOV HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		2.4	4.3	3.4	.5							10.6	9.8
NNE		3.1	4.8	2.6	.5							11.1	9.1
NE		3.8	1.9	2.2								7.9	7.8
ENE		1.7	1.7	1.0								4.3	7.4
E		1.7	1.2									2.9	6.8
ESE	.2	1.4	.2									1.9	5.1
SE	.2	.5										.7	3.7
SSE		1.4	.2									1.7	5.3
S	.5	6.2	3.1	.5								10.3	6.3
SSW		3.8	2.2	.5								6.5	6.9
SW		4.3	1.0	.5								5.8	5.9
WSW		2.6	.7	.5	.2							4.1	6.8
W	.2	1.4	2.6	.7								5.0	7.8
WNW		1.7	1.2	1.2								4.1	8.8
NW		.5	1.0	.7								2.2	9.2
NNW		.7	2.2	1.9								4.8	10.2
VARIABLE													
CALM	////////////////////											16.1	////
TOTALS	1.2	37.5	28.4	15.6	1.2							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 416

GLOBAL CLIMATOLOGY BRANCH      PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAFETAC      FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 746941      STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.1	2.4	5.3	4.3	.4							12.4	9.9
NNE	.0	1.9	3.6	3.1	.4							9.2	9.8
NE		1.9	3.0	2.8	.1							7.7	9.4
ENE	.1	1.2	2.5	1.4	.1							5.3	9.0
E	.0	1.7	2.4	1.1	.0							5.3	8.5
ESE	.0	1.5	1.2	.6	.0							3.4	7.8
SE	.1	1.6	1.1	.4	.0							3.2	7.1
SSE	.0	1.2	1.2	.2								2.6	7.2
S	.2	2.7	2.8	.9								6.7	7.5
SSW	.0	1.6	1.7	.7								4.0	7.4
SW	.0	2.1	2.4	1.9	.0							6.5	7.1
WSW	.0	1.8	1.8	1.7	.0							5.4	7.1
W	.1	2.2	2.9	1.5	.0							6.7	7.1
WNW	.1	2.0	1.8	1.6	.0							5.5	7.1
NW		.7	1.5	1.2	.0							3.4	7.1
NNW	.0	.7	1.5	1.9	.0							4.1	7.1
VARIABLE	.....												
CALM	////////////////////												
TOTALS	.9	27.0	36.8	25.4	1.3								

TOTAL NUMBER OF OBSERVATIONS: 4160

AD-A190 725

ELIZABETH CITY NORTH CAROLINA LIMITED SURFACE

2/3

OBSERVATIONS CLIMATIC SUMMA (U) AIR FORCE

ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A..

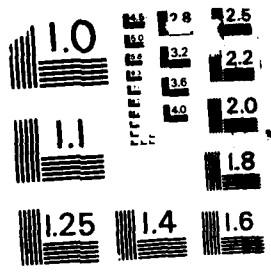
UNCLASSIFIED

MAR 88 USAFETAC/DS-88/015

17C 42

ML





MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL %	MEAN WIND			
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40			41-47	48-55	GE 56
N	.2	2.5	7.7	5.0	.2	.4						16.0	10.1
NNE	.2	1.5	1.7	2.5	.2	.2						6.4	10.6
NE		1.4	1.0	.8	.4							3.5	9.0
ENE		.4	.2	.4	.8							1.7	12.9
E		.6	1.0	.4								1.9	7.9
ESE		.8	.6	.2								1.5	7.9
SE		.4	.4	.4								1.2	9.0
SSE		.6		.2								.8	6.5
S	.2	2.3	1.4	.2								4.1	6.7
SSW		2.1	1.2		.2							3.5	6.7
SW	.2	5.4	3.5	2.3								11.4	7.7
WSW		2.5	1.9	1.7								6.2	8.3
W		2.7	1.7	1.5								6.0	8.3
WNW		5.4	2.7	1.2								9.3	7.0
NW		2.1	1.7	1.0								4.8	7.4
NNW		1.4	2.3	1.7	.6							6.0	9.9
VARIABLE	////////////////////////////////////											15.8	////
CALM	////////////////////////////////////											15.8	////
TOTALS	.8	32.0	29.0	19.5	2.3	.6						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 518

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.1	4.8	6.4	6.9	.9	.4						19.5	10.2
NNE		2.5	2.1	3.3	.2	.2						8.3	10.1
NE		1.5	2.1	1.7	.2							5.5	9.6
ENE		.8	1.2	.9	.1	.2						3.1	10.5
E		1.5	1.0	.4								2.9	7.0
ESE	.1	.8	1.1	.3								2.3	8.0
SE	.1	.7	.7	.2	.1							1.7	8.2
SSE	.1	.5	.9	.2								1.7	7.9
S		1.8	1.7	.2								3.8	6.9
SSW	.1	1.4	1.8	1.5								4.9	8.9
SW		2.7	2.7	3.4								8.8	9.5
WSW		2.5	2.2	2.1	.2							6.9	9.0
W	.1	2.3	3.1	2.8	.1							8.5	9.3
WNW		1.7	1.5	2.4								5.6	9.8
NW		.3	1.1	2.2	.5							4.1	12.2
NNW	.1	.9	1.7	2.0	.8							5.4	11.4
VARIABLE	.....												
CALM	////////////////////											6.7	////
TOTALS	.8	26.7	31.3	30.5	3.1	.9						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS: 921

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.2	3.0	4.7	6.4	.9	.3						15.5	10.7
NNE	.1	1.8	2.2	3.5	.3	.1						8.0	10.3
NE		1.7	3.1	2.0	.1							6.9	9.2
ENE		1.7	1.7	2.1	.2	.1						5.9	9.7
E	.1	.7	.9	.1								1.7	7.1
ESE	.1	1.0	.9	.1								2.1	7.2
SE		.7	1.4	.4	.3							2.8	9.3
SSE		.7	.8	.1								1.5	7.1
S		.4	1.6	.9								2.9	9.1
SSW	.1	1.3	1.8	.8	.1							4.1	8.6
SW		1.8	3.9	6.4	.2							12.4	10.5
WSW		1.4	3.0	2.9	.2							7.6	9.9
W		1.4	2.7	2.7	.1							6.9	10.0
WNW		1.5	2.1	3.3	.4							7.3	10.5
NW		.4	1.3	2.6	.5							4.9	12.0
NNW		.3	1.2	2.3	.7							4.5	12.3
VARIABLE													
CALM	////////////////////											4.9	////
TOTALS	.7	20.0	33.3	36.5	4.1	.5						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS: 921

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		2.2	3.3	6.2	.8							12.5	11.0
NNE		.7	2.8	3.5	.2							7.3	11.0
NE		.7	3.3	1.8	.1							5.9	9.7
ENE	.1	1.2	2.8	1.6		.1						5.8	9.5
E		1.0	1.3	.2								2.5	7.6
ESE		1.3	1.0	.2								2.5	6.4
SE		2.2	1.0	.5								3.6	6.7
SSE		1.3	1.2									2.5	6.8
S		2.9	2.1	.6								5.6	7.3
SSW		2.3	3.3	.8								6.4	8.0
SW		2.3	4.6	2.7	.1							9.7	9.2
WSW	.1	1.5	2.9	2.1								6.5	9.2
W		1.9	2.1	1.6								5.6	8.6
WNW		2.2	4.0	2.2								8.3	9.1
NW		.8	2.7	1.9	.1	.2						5.8	10.4
NNW		1.3	1.1	1.2	.1							3.7	9.5
VARIABLE	.....												
CALM	////////////////////											5.7	////
TOTALS	.2	25.9	39.2	27.1	1.6	.4						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS: 827

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 77-82,86  
 MONTH: DEC HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.3	2.4	5.5	4.2	.2							12.6	9.5
NNE		1.6	5.3	2.8	.2							9.9	9.5
NE		2.0	2.4	.8	.3	.3						5.8	9.1
ENE		1.4	.8	.3								2.5	6.9
E		1.1	.2	.2								1.4	6.0
ESE		.8	.2	.3								1.3	7.6
SE	.2	.5	.5									1.1	5.3
SSE		1.9	.8									2.7	5.9
S		5.0	3.6	1.1								9.7	7.2
SSW	.2	2.5	2.4	.9								6.0	7.9
SW		3.9	2.2	.2								6.3	6.8
WSW	.2	2.0	1.7	.9								4.9	7.4
W	.2	4.1	1.1	.3	.2							5.8	6.3
WNW		3.1	2.0	.8								6.0	7.1
NW		2.0	1.3	.3								3.6	7.4
NNW		1.7	1.7	1.4	.2							5.0	8.8
VARIABLE													
CALM	////////////////////											15.4	////
TOTALS	.9	36.2	31.6	14.6	.9	.3						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 636

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 77-82,86  
 MONTH: DEC HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		2.8	8.6	2.1	.5	.2						14.3	9.3
NNE		1.9	3.3	3.3	.2							8.6	9.7
NE		1.6	.5	.9	.2							3.3	8.6
ENE		.9	.2	.2	.5							1.9	9.5
E			.2	.2								.5	6.5
ESE			.5	.5		.2						1.2	8.4
SE	.2	.5	.7	.2								1.6	7.1
SSE		.9	.5									1.4	6.3
S		4.0	2.8	.9								7.7	7.6
SSW		1.9	3.0	.9								5.8	8.0
SW		3.3	3.7	1.4								8.4	8.1
WSW	.2	3.5	.5	.7								4.9	6.4
W		4.7	1.9	.7								7.2	6.3
WNW		3.3	2.6	1.9								7.7	8.1
NW		1.4	1.4	.5								3.3	7.9
NNW		1.9	2.6	1.2								5.6	8.3
VARIABLE	.....												
CALM	////////////////////											16.6	////
TOTALS	.5	33.2	32.9	15.0	1.6	.2						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 428

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 77-86  
 MONTH: DEC HOURS/DAY: ALL

DIRECTION (DFGR:ES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.1	3.1	5.7	5.6	.6	.2						15.3	10.3
NNE	.0	1.7	2.8	3.2	.2	.1						8.1	10.2
NE		1.5	2.3	1.5	.2	.0						5.5	9.3
ENE	.0	1.1	1.3	1.1	.2	.1						3.9	9.7
E	.0	.9	.8	.2								2.0	7.1
ESE	.0	.9	.8	.2	.0							1.9	7.4
SE	.1	.9	.8	.3	.1							2.2	7.8
SSE	.0	1.0	.8	.1								1.8	6.8
S	.0	2.5	2.1	.6								5.3	7.4
SSW	.1	1.9	2.2	.9	.0							5.1	8.2
SW	.0	3.0	3.5	3.1	.1							9.6	9.1
WSW	.1	2.1	2.2	1.9	.1							6.4	8.8
W	.0	2.6	2.2	1.8	.1							6.8	8.5
WNW		2.6	2.4	2.1	.1							7.2	8.8
NW		1.0	1.6	1.6	.3	.3						4.5	10.2
NNW	.2	1.1	1.6	1.7	.4							4.9	10.3
VARIABLE	////////////////////////////////////											9.5	////
CALM	////////////////////////////////////											9.5	////
TOTALS	.6	27.4	33.2	25.9	2.5	.5						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS: 4251

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.1	2.0	4.0	3.4	.4	.1	.0	.0	.0	.0		9.9	10.1
NNE	.0	1.4	2.6	2.5	.3	.1	.0	.0				6.9	10.2
NE	.0	1.4	2.8	2.8	.2	.0	.0					7.2	10.1
ENE	.0	1.1	3.0	2.2	.1	.0	.0	.0				6.5	9.8
E	.0	1.7	2.7	1.0	.0		.0					5.4	8.3
ESE	.0	1.4	1.9	.5	.0							3.9	7.8
SE	.0	1.2	1.7	.8	.0	.0						3.8	8.3
SSE	.0	1.2	1.4	.4	.0							3.2	7.7
S	.1	2.6	2.9	1.2	.1	.0						6.9	8.1
SSW	.0	1.5	2.7	1.4	.1	.0	.0					5.6	8.9
SW	.0	2.0	3.5	3.0	.1	.0	.0	.0				8.7	9.5
WSW	.1	1.7	3.0	2.0	.1	.0		.0				6.8	9.1
W	.1	2.0	2.9	1.6	.1	.0	.0					6.7	8.6
WNW	.0	1.7	1.9	1.2	.1	.0	.0					4.9	8.7
NW	.0	.7	1.3	1.0	.1	.0						3.1	9.6
NNW	.0	.7	1.3	1.3	.1	.0						3.5	10.0
VARIABLE	////////////////////////////////////											6.9	////
CALM	////////////////////////////////////											6.9	////
TOTALS	.7	24.4	39.4	26.4	1.8	.3	.0	.0	.0			100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 51786

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

CEILING 200 TO 1400 FEET WITH VISIBILITIES 1/2 MILE OR MORE  
 AND/OR  
 CEILING 200 FEET OR MORE WITH VISIBILITIES 1/2 TO 2-1/2 MILES

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.1	2.5	5.9	5.4	.9	.3	.1	.0	.0			15.2	10.8
NNE	.0	1.5	3.5	5.0	.6	.2	.0	.0				11.0	11.3
NE	.0	1.4	3.3	3.7	.4	.2	.0					8.9	10.8
ENE	.0	1.2	2.4	2.3	.3	.1	.0	.0				6.5	10.5
E	.0	1.6	2.2	1.3	.1		.0					5.3	8.9
ESE	.0	1.1	1.1	.6	.1							2.9	8.2
SE	.0	.8	1.1	.7	.1	.0						2.6	9.3
SSE	.0	.8	.8	.7	.1							2.3	8.9
S	.0	1.5	2.1	1.1	.0	.3						4.8	8.6
SSW	.0	1.2	1.3	1.0	.0							3.6	8.7
SW	.0	1.8	2.3	1.2	.1							5.4	8.5
WSW	.0	1.9	2.2	.9		.0						5.1	8.0
W	.1	2.3	2.1	1.0	.0	.3						5.6	7.9
WNW	.0	2.1	1.3	.7	.1	.1	.0					4.3	8.0
NW	.0	1.2	1.2	.8	.0	.0						3.3	8.7
NNW	.0	1.0	1.8	1.4	.2							4.4	9.6
VARIABLE													
CALM	////////////////////											8.9	////
TOTALS	.6	23.8	34.7	27.8	3.1	.9	.2	.1	.0			100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 7333

PPPPPPP  
PPPPPPPP  
PP PP  
PP PP  
PPPPPPPP  
PPPPPPPP  
PP  
PP  
PP  
PP  
PP

AAAAAA  
AAAAAAA  
AA AA  
AA AA  
AA AA  
AAAAAAAAA  
AAAAAAAAA  
AA AA  
AA AA  
AA AA  
AA AA

RRRRRRR  
RRRRRRRR  
RR RR  
RR RR  
RRRRRRR  
RRRRRRR  
RR RR  
RR RR  
RR RR  
RR RR

TTTTTTTTT  
TTTTTTTTT  
TT  
TT  
TT  
TT  
TT  
TT  
TT  
TT

OOO OOOO  
OOO OOOO  
OO OO  
OO OO  
OO OO  
OO OO  
OO OO  
OO OO  
OOO OOOO  
OOO OOOO

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 SUPPRESSED 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: 746941 STATION NAME: ELIZABETH CITY NC

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

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	21.8	38.5	42.0	43.5	47.1	47.9	48.5	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.2	49.4
GE 20000	23.9	42.7	46.4	47.9	51.9	52.9	53.4	53.8	53.8	54.0	54.0	54.0	54.0	54.0	54.2	54.4
GE 18000	23.9	42.7	46.4	47.9	51.9	52.9	53.4	53.8	53.8	54.0	54.0	54.0	54.0	54.0	54.2	54.4
GE 16000	23.9	42.7	46.4	47.9	51.9	52.9	53.4	53.8	53.8	54.0	54.0	54.0	54.0	54.0	54.2	54.4
GE 14000	24.4	43.5	47.1	48.9	52.9	53.8	54.4	54.8	54.8	55.0	55.0	55.0	55.0	55.0	55.2	55.3
GE 12000	24.4	43.7	47.3	49.0	53.1	54.0	54.6	55.0	55.0	55.2	55.2	55.2	55.2	55.2	55.3	55.5
GE 10000	25.4	45.6	49.6	51.7	56.1	57.1	57.8	58.2	58.2	58.4	58.4	58.4	58.4	58.4	58.6	58.8
GE 9000	25.4	45.6	49.6	51.7	56.1	57.1	57.8	58.2	58.2	58.4	58.4	58.4	58.4	58.4	58.6	58.8
GE 8000	25.6	46.0	50.4	52.7	57.1	58.0	58.8	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.5	59.7
GE 7000	25.6	46.6	51.0	53.2	57.6	58.6	59.4	59.7	59.7	59.9	59.9	59.9	59.9	59.9	60.1	60.3
GE 6000	26.1	47.9	52.9	55.3	59.9	60.9	61.6	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.4	62.6
GE 5000	26.9	50.2	55.3	58.0	62.6	63.7	64.5	65.1	65.1	65.3	65.3	65.3	65.3	65.5	65.6	65.8
GE 4500	27.1	51.3	56.7	59.4	63.9	65.1	65.8	66.4	66.4	66.6	66.6	66.6	66.6	66.8	67.0	67.2
GE 4000	27.3	52.1	57.8	60.7	65.6	67.2	67.9	68.5	68.5	68.7	68.7	68.7	68.9	68.9	69.1	69.3
GE 3500	27.5	52.5	58.4	61.8	66.8	68.5	69.3	69.8	69.8	70.0	70.0	70.2	70.2	70.4	70.6	
GE 3000	27.7	53.8	60.5	63.9	69.1	71.4	72.3	72.9	72.9	73.1	73.1	73.1	73.3	73.3	73.5	73.7
GE 2500	27.7	54.2	61.1	64.9	70.4	72.9	74.0	74.6	74.6	74.8	74.8	74.8	75.0	75.0	75.2	75.4
GE 2000	27.7	54.4	61.5	65.5	71.6	74.2	75.6	76.1	76.1	76.3	76.3	76.3	76.5	76.5	76.7	76.9
GE 1800	27.7	54.4	61.5	65.5	71.6	74.2	75.6	76.1	76.1	76.3	76.3	76.5	76.5	76.7	76.9	77.1
GE 1500	27.7	55.0	62.2	66.4	73.5	76.7	78.4	79.0	79.0	79.4	79.6	79.6	79.8	79.8	80.0	80.2
GE 1200	27.7	55.3	62.8	67.0	74.0	77.5	79.4	80.2	80.2	80.5	80.7	80.7	80.9	80.9	81.1	81.3
GE 1000	27.7	55.7	63.4	67.6	76.0	80.0	82.1	83.0	83.0	83.6	83.8	83.8	84.0	84.0	84.2	84.4
GE 900	27.7	55.9	63.5	67.7	76.3	80.3	82.4	83.4	83.4	84.0	84.2	84.2	84.4	84.4	84.5	84.7
GE 800	27.7	56.3	64.1	68.5	77.1	81.3	83.8	85.1	85.1	85.9	86.1	86.1	86.3	86.3	86.5	86.6
GE 700	27.7	57.1	65.3	69.7	78.4	82.6	85.3	86.6	86.6	87.4	87.6	87.6	87.8	87.8	88.0	88.2
GE 600	27.7	57.3	65.6	70.2	79.2	83.6	86.8	88.2	88.2	88.9	89.1	89.1	89.3	89.3	89.5	89.7
GE 500	27.7	57.6	66.2	71.4	80.7	85.5	88.9	91.0	91.0	92.2	92.4	92.4	92.6	92.6	92.7	92.9
GE 400	27.7	57.6	66.2	71.4	80.7	85.9	89.3	91.8	91.8	93.1	93.3	93.3	93.7	93.7	93.9	94.1
GE 300	27.7	57.6	66.2	71.4	80.7	86.1	89.5	92.6	92.6	94.1	95.2	95.2	95.8	96.2	96.4	96.9
GE 200	27.7	57.6	66.2	71.4	80.7	86.1	89.5	92.6	92.6	94.1	95.4	95.4	96.0	96.6	96.9	97.5
GE 100	27.7	57.6	66.2	71.4	80.7	86.1	89.5	92.7	92.9	94.8	96.2	96.2	96.8	97.3	97.7	98.3
GE 0	27.7	57.6	66.2	71.4	80.7	86.1	89.5	92.7	92.9	95.0	96.4	96.4	96.9	97.5	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 524

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-87  
 MONTH: JAN HOURS(LST): 0900-1400

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	34.0	43.7	46.1	48.1	49.1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 20000	37.6	50.1	53.3	55.5	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 18000	37.6	50.1	53.3	55.5	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 16000	37.6	50.1	53.3	55.5	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 14000	37.7	50.3	53.8	55.9	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 12000	38.0	51.2	54.8	56.9	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 10000	39.2	53.2	57.1	59.4	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 9000	39.2	53.2	57.1	59.4	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 8000	39.8	55.7	60.4	62.9	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 7000	40.1	56.6	61.2	63.7	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 6000	40.2	57.1	61.8	64.3	66.6	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 5000	40.4	58.4	63.4	66.0	68.5	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 4500	40.6	59.1	64.1	66.8	69.3	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 4000	40.6	60.2	65.3	68.3	71.0	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 3500	41.0	60.7	66.1	69.1	71.8	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 3000	41.0	62.0	67.8	71.0	74.6	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 2500	41.1	62.5	68.7	72.0	76.0	76.9	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 2000	41.5	63.3	69.8	73.7	77.9	78.9	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 1800	41.5	63.3	69.8	73.8	78.2	79.3	79.6	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 1500	41.6	63.8	70.4	74.7	79.3	80.7	81.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 1200	41.8	64.8	71.7	76.1	80.9	82.5	83.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1000	42.0	65.7	72.6	77.0	82.4	84.1	84.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 900	42.0	65.9	73.0	77.6	83.2	84.9	85.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 800	42.0	66.0	73.1	78.2	83.8	85.9	86.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 700	42.0	66.3	73.4	78.6	84.7	86.9	87.8	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 600	42.0	66.4	73.5	78.7	85.1	87.6	88.7	90.6	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 500	42.0	66.4	73.7	78.9	85.4	88.1	89.8	92.5	92.8	93.6	93.7	93.7	93.7	93.7	93.8	93.8
GE 400	42.0	66.4	73.7	79.0	85.6	88.3	90.1	93.2	93.4	94.7	94.8	94.8	94.8	94.9	95.1	95.1
GE 300	42.0	66.4	73.7	79.0	85.7	88.6	90.4	93.7	94.1	95.5	95.7	95.7	96.0	96.2	96.7	96.7
GE 200	42.0	66.4	73.7	79.0	85.7	88.7	90.6	94.3	94.7	96.5	96.8	96.8	97.1	97.4	98.2	98.3
GE 100	42.0	66.4	73.7	79.0	85.7	88.7	90.6	94.4	95.0	97.0	97.2	97.2	97.5	97.8	98.6	98.8
GE 0	42.0	66.4	73.7	79.0	85.7	88.7	90.6	94.4	95.0	97.2	97.6	97.6	98.2	98.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 926

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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	39.1	45.7	46.8	47.2	47.8	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 20000	44.7	54.0	55.1	55.8	56.3	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 18000	44.7	54.0	55.1	55.8	56.3	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 16000	44.7	54.0	55.1	55.8	56.3	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 14000	45.3	54.9	56.2	56.9	57.4	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 12000	45.5	55.5	56.8	57.5	58.1	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 10000	48.1	59.6	61.4	62.4	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 9700	48.1	59.7	61.5	62.5	63.2	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 8000	49.3	62.2	64.2	65.3	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 7000	49.3	62.5	64.6	65.7	66.3	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 6000	49.7	63.5	65.5	66.6	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 5000	50.5	65.3	67.4	68.8	69.6	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 4500	50.6	65.7	67.8	69.3	70.1	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 4000	51.9	68.1	70.5	72.2	73.1	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 3500	52.1	69.3	71.7	73.3	74.6	75.0	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 3000	52.9	71.6	74.3	76.4	77.9	78.2	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 2500	53.5	72.6	75.3	77.5	79.3	79.6	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 2000	54.0	73.9	76.7	79.0	80.9	81.4	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 1800	54.1	74.1	77.0	79.3	81.3	81.7	82.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 1500	54.2	75.1	78.2	80.6	82.8	83.4	84.3	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1200	54.4	75.7	79.0	81.5	84.0	84.7	85.7	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 1000	54.6	76.2	79.4	81.9	84.6	85.6	86.6	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 900	54.6	76.3	79.5	82.3	85.0	86.2	87.3	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 800	54.6	76.4	79.8	82.7	85.7	86.9	88.0	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 700	54.6	76.6	80.5	84.0	87.1	88.4	89.8	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 600	54.6	76.7	80.6	84.1	87.5	89.1	90.6	91.4	91.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 500	54.6	76.7	80.9	84.4	88.1	89.8	92.1	93.6	93.7	94.8	95.0	95.0	95.1	95.1	95.1	95.1
GE 400	54.6	76.8	81.0	84.5	88.3	90.1	92.6	94.4	94.7	95.9	96.2	96.2	96.3	96.3	96.3	96.3
GE 300	54.6	76.9	81.1	84.6	88.7	90.7	93.3	95.4	95.8	97.2	97.5	97.5	97.7	97.8	97.9	97.9
GE 200	54.6	76.9	81.1	84.6	88.8	90.9	93.5	95.7	96.0	97.6	98.0	98.0	98.4	98.5	98.7	98.7
GE 100	54.6	76.9	81.1	84.6	88.8	90.9	93.5	95.8	96.2	97.9	98.4	98.4	98.7	98.8	99.2	99.2
GE 0	54.6	76.9	81.1	84.6	88.8	90.9	93.5	95.8	96.2	97.9	98.6	98.6	98.9	99.0	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 923

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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	40.8	47.5	48.0	48.6	49.1	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 2000	45.6	53.8	54.4	55.1	55.7	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 1800	45.6	53.8	54.4	55.1	55.7	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 1600	45.6	53.9	54.5	55.2	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 1400	46.9	55.6	56.2	56.9	57.5	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 1200	47.9	56.8	57.5	58.3	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 1000	51.6	61.8	63.1	64.1	64.7	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 900	52.0	62.1	63.4	64.4	65.0	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 800	53.8	64.5	66.0	67.1	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 700	54.0	65.0	66.6	67.7	68.3	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 600	54.5	66.0	67.6	68.6	69.4	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 500	56.2	69.1	70.9	72.1	73.0	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 450	56.3	69.5	71.3	72.5	73.3	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 400	57.1	71.2	73.0	74.2	75.2	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 350	57.8	72.7	74.5	76.0	77.0	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 300	58.7	74.4	76.8	78.8	79.7	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 250	59.1	75.5	78.0	80.1	81.1	81.2	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 200	59.2	76.0	78.6	80.7	81.9	82.1	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 180	59.2	76.0	78.6	80.8	82.3	82.5	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 150	59.2	76.4	79.3	81.8	83.5	84.1	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 120	59.3	77.1	80.2	82.9	84.8	85.6	86.1	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 100	59.3	77.2	80.6	83.5	85.5	86.5	87.1	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9
GE 90	59.3	77.2	80.6	83.6	86.0	87.0	87.6	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4
GE 80	59.3	77.4	80.8	83.8	86.2	87.3	87.9	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9
GE 70	59.3	77.7	81.1	84.1	86.9	88.2	88.9	89.7	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0
GE 60	59.3	77.8	81.3	84.3	87.6	89.0	89.7	90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
GE 50	59.3	77.9	81.7	84.9	88.3	90.2	91.6	93.1	93.2	93.6	93.7	93.7	94.0	94.0	94.0	94.0
GE 40	59.3	78.0	81.9	85.2	88.8	91.0	92.8	95.2	95.5	96.0	96.1	96.1	96.7	96.9	96.9	96.9
GE 30	59.3	78.2	82.0	85.3	89.0	91.3	93.2	95.8	96.1	97.0	97.3	97.3	97.9	98.1	98.1	98.1
GE 20	59.3	78.2	82.1	85.4	89.1	91.4	93.5	96.0	96.4	97.5	98.2	98.2	99.2	99.3	99.4	99.5
GE 10	59.3	78.2	82.1	85.4	89.1	91.4	93.5	96.0	96.4	97.5	98.4	98.4	99.4	99.5	99.8	99.9
GE 0	59.3	78.2	82.1	85.4	89.1	91.4	93.5	96.0	96.4	97.5	98.4	98.4	99.4	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 829

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-83.87  
MONTH: JAN HOURS(LST): 1800-2400

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1/2	GE 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE D
NO CEIL	34.2	47.6	48.4	48.8	49.0	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 20000	38.1	53.4	54.9	55.4	55.6	55.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 18000	38.1	53.4	54.9	55.4	55.6	55.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 16000	38.1	53.4	54.9	55.4	55.6	55.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 14000	39.9	55.3	56.8	57.3	57.5	57.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 12000	40.2	56.0	57.6	58.1	58.2	58.4	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 10000	42.4	61.5	63.3	63.9	64.1	64.2	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 9000	42.9	62.0	63.7	64.4	64.5	64.7	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 8000	44.3	64.8	66.6	67.2	67.3	67.5	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 7000	44.3	65.6	67.3	68.0	68.1	68.3	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 6000	44.6	67.3	69.1	69.7	69.9	70.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 5000	45.5	70.5	72.2	73.2	73.3	73.5	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4500	45.7	71.4	73.3	74.3	74.4	74.6	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 4000	46.0	73.5	75.4	76.5	76.6	76.8	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 3500	46.0	74.7	76.9	78.2	78.3	78.5	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6
GE 3000	46.5	76.6	78.8	80.4	80.5	80.7	81.6	81.6	81.6	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8
GE 2500	46.5	77.2	79.7	81.6	81.8	81.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0
GE 2000	46.6	78.2	80.7	82.6	82.9	83.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1
GE 1800	46.6	78.2	80.7	82.6	82.9	83.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1
GE 1500	46.6	78.6	81.6	83.7	84.0	84.8	85.7	85.7	85.7	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9
GE 1200	46.6	78.8	82.1	84.3	84.9	86.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1
GE 1000	46.8	79.1	82.7	85.1	85.9	87.0	87.9	88.2	88.2	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4
GE 900	46.9	79.3	82.9	85.4	86.3	87.6	88.9	89.3	89.3	89.3	89.5	89.6	89.6	89.6	89.6	89.6	89.6
GE 800	46.9	79.3	82.9	85.4	86.7	87.9	89.2	90.0	90.0	90.0	90.1	90.3	90.3	90.3	90.3	90.3	90.3
GE 700	46.9	79.3	82.9	85.6	87.0	88.4	89.6	90.4	90.4	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 600	46.9	79.3	82.9	85.6	87.3	89.0	90.3	91.8	91.8	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 500	46.9	79.3	83.2	85.9	87.6	90.0	91.5	93.6	93.6	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 400	46.9	79.4	83.4	86.0	87.9	90.3	92.2	94.3	94.3	95.1	95.4	95.4	95.8	95.8	95.8	95.8	95.8
GE 300	46.9	79.4	83.7	86.3	88.2	90.6	92.6	94.8	94.8	96.1	97.0	97.0	97.3	97.3	97.3	97.3	97.3
GE 200	46.9	79.4	83.7	86.3	88.2	90.6	92.6	94.8	94.8	96.4	97.5	97.5	98.6	98.6	98.6	98.6	98.7
GE 100	46.9	79.6	83.8	86.5	88.4	90.7	92.8	95.0	95.0	96.5	97.6	97.6	98.7	98.7	99.2	99.2	99.4
GE 0	46.9	79.6	83.8	86.5	88.4	90.7	92.8	95.0	95.0	96.5	97.6	97.6	98.7	98.7	99.2	100.0	

TOTAL NUMBER OF OBSERVATIONS: 637

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-83,87  
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	33.3	50.6	51.7	51.7	52.9	52.9	53.1	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.8
GE 20000	38.0	55.7	57.3	57.6	58.7	58.7	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.7
GE 18000	38.0	55.7	57.3	57.6	58.7	58.7	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.7
GE 16000	38.0	55.7	57.3	57.6	58.7	58.7	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.7
GE 14000	38.9	56.6	58.3	58.5	59.7	59.7	59.9	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.6
GE 12000	38.9	56.6	58.3	58.5	59.7	59.7	59.9	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.6
GE 10000	40.3	61.3	62.9	63.2	64.3	64.3	64.6	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.3
GE 9000	40.6	61.5	63.2	63.4	64.6	64.6	64.8	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.5
GE 8000	42.0	63.6	65.3	65.7	66.9	66.9	67.1	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.8
GE 7000	42.0	64.3	66.0	66.4	67.6	67.6	67.8	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.5
GE 6000	42.2	66.0	67.8	68.3	69.5	69.5	69.7	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.4
GE 5000	42.2	69.5	71.3	71.8	73.0	73.2	73.4	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1
GE 4500	42.9	71.3	73.4	73.9	75.1	75.3	75.5	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.2
GE 4000	42.9	72.7	74.8	75.5	76.7	76.9	77.2	77.6	77.6	77.9	77.9	77.9	77.9	77.9	77.9	78.1
GE 3500	42.9	74.4	76.7	77.4	78.6	78.8	79.0	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	80.0
GE 3000	43.1	75.5	77.9	78.8	80.0	80.2	80.4	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.4
GE 2500	43.1	76.2	78.8	80.2	81.4	81.6	81.8	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.8
GE 2000	43.1	77.4	80.0	81.4	82.5	82.8	83.2	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	84.1
GE 1800	43.1	78.1	80.7	82.1	83.2	83.4	83.9	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.8
GE 1500	43.4	79.5	82.1	83.4	84.6	84.8	85.5	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.5
GE 1200	43.4	80.0	82.8	84.1	85.3	85.5	86.5	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.4
GE 1000	43.4	80.0	82.8	84.1	85.3	85.5	86.5	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.4
GE 900	43.4	80.2	83.0	84.6	85.2	85.3	86.2	86.3	86.3	86.8	86.8	86.8	86.8	86.8	86.8	87.0
GE 800	43.4	80.2	83.0	84.6	85.2	85.3	86.2	86.3	86.3	86.8	86.8	86.8	86.8	86.8	86.8	87.0
GE 700	43.4	80.2	83.0	84.6	85.2	85.3	86.2	86.3	86.3	86.8	86.8	86.8	86.8	86.8	86.8	87.0
GE 600	43.4	80.2	83.2	84.6	85.2	85.3	86.2	86.3	86.3	86.8	86.8	86.8	86.8	86.8	86.8	87.0
GE 500	43.4	80.7	83.9	86.0	89.3	89.7	91.6	93.7	93.7	94.4	94.9	94.9	94.9	94.9	94.9	95.1
GE 400	43.4	80.7	84.1	86.2	89.7	90.2	92.5	94.6	94.6	95.6	96.0	96.0	96.0	96.0	96.0	96.3
GE 300	43.4	80.7	84.1	86.2	89.7	90.2	92.5	94.9	94.9	96.3	97.2	97.2	97.2	97.2	97.2	97.4
GE 200	43.4	80.7	84.1	86.2	89.7	90.2	92.5	94.9	94.9	97.0	97.9	97.9	97.9	97.9	97.9	98.1
GE 100	43.4	80.7	84.1	86.2	89.7	90.2	92.5	94.9	94.9	97.0	98.1	98.1	98.1	98.1	98.1	98.3
GE 0	43.4	80.7	84.1	86.2	89.7	90.2	92.5	94.9	94.9	97.0	98.1	98.1	98.1	98.1	98.1	98.3

TOTAL NUMBER OF OBSERVATIONS: 429

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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	34.9	45.5	47.0	47.9	48.9	49.1	49.4	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 20000	39.1	51.8	53.7	54.8	55.9	56.2	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7
GE 18000	39.1	51.8	53.7	54.8	55.9	56.2	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7
GE 16000	39.1	51.8	53.7	54.8	56.0	56.2	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7
GE 14000	39.9	52.9	54.9	55.9	57.1	57.3	57.6	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 12000	40.3	53.6	55.6	56.7	57.8	58.1	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6
GE 10000	42.4	57.4	59.8	61.1	62.4	62.6	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 9000	42.6	57.6	60.0	61.2	62.6	62.8	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 8000	43.7	59.8	62.5	63.9	65.2	65.5	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0
GE 7000	43.8	60.4	63.1	64.5	65.9	66.1	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7
GE 6000	44.2	61.5	64.3	65.7	67.2	67.5	67.8	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 5000	44.9	63.9	66.8	68.5	70.0	70.4	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0
GE 4500	45.1	64.6	67.7	69.4	70.9	71.3	71.7	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9
GE 4000	45.6	66.3	69.5	71.3	73.0	73.5	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.2
GE 3500	45.9	67.4	70.7	72.7	74.5	75.0	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.7
GE 3000	46.4	69.0	72.7	75.0	77.1	77.6	78.1	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4
GE 2500	46.6	69.8	73.7	76.1	78.4	79.1	79.6	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	80.0
GE 2000	46.9	70.6	74.6	77.3	79.8	80.5	81.2	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.7
GE 1800	46.9	70.7	74.8	77.5	80.0	80.8	81.4	81.8	81.8	81.9	81.9	81.9	81.9	81.9	82.0	82.0
GE 1500	47.0	71.4	75.7	78.6	81.4	82.5	83.3	83.8	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.0
GE 1200	47.1	72.0	76.5	79.5	82.5	83.8	84.7	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.5	85.5
GE 1000	47.2	72.4	77.0	80.1	83.6	85.0	86.0	86.8	86.8	86.9	87.0	87.0	87.0	87.0	87.1	87.1
GE 900	47.2	72.5	77.2	80.5	84.2	85.7	86.7	87.6	87.6	87.6	87.9	87.9	87.9	87.9	87.9	88.0
GE 800	47.2	72.7	77.4	80.8	84.7	86.3	87.5	88.5	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.9
GE 700	47.2	72.9	77.8	81.4	85.5	87.3	88.6	89.6	89.7	89.9	90.0	90.0	90.1	90.1	90.1	90.1
GE 600	47.2	73.0	78.0	81.6	86.0	88.0	89.4	90.8	90.8	91.2	91.3	91.3	91.3	91.3	91.3	91.4
GE 500	47.2	73.1	78.3	82.1	86.7	89.0	91.0	93.0	93.1	93.9	94.1	94.1	94.2	94.2	94.2	94.3
GE 400	47.2	73.2	78.4	82.2	87.0	89.4	91.6	94.0	94.2	95.2	95.4	95.4	95.6	95.7	95.8	95.8
GE 300	47.2	73.3	78.5	82.3	87.2	89.7	92.0	94.6	94.8	96.1	96.7	96.7	97.0	97.2	97.3	97.4
GE 200	47.2	73.3	78.6	82.4	87.2	89.8	92.2	94.8	95.1	96.7	97.4	97.4	98.0	98.2	98.5	98.7
GE 100	47.2	73.3	78.6	82.4	87.3	89.8	92.2	94.9	95.3	97.0	97.7	97.7	98.4	98.5	99.0	99.2
GE 0	47.2	73.3	78.6	82.4	87.3	89.8	92.2	94.9	95.3	97.0	97.9	97.9	98.6	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 4268

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-87  
 MONTH: FEB HOURS(IST): 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	16.1	31.8	37.2	40.8	42.7	43.5	43.9	44.1	44.3	45.1	45.3	45.3	45.7	45.7	45.7	45.9
GE 20000	17.7	37.2	43.5	47.3	49.5	50.5	51.3	51.5	51.7	52.5	52.9	52.9	53.3	53.3	53.3	53.5
GE 18000	17.7	37.2	43.5	47.3	49.5	50.5	51.3	51.5	51.7	52.5	52.9	52.9	53.3	53.3	53.3	53.5
GE 16000	17.7	37.2	43.5	47.3	49.5	50.5	51.3	51.5	51.7	52.5	52.9	52.9	53.3	53.3	53.3	53.5
GE 14000	17.7	37.4	44.1	47.9	50.1	51.1	52.1	52.3	52.5	53.3	53.7	53.7	54.1	54.1	54.1	54.3
GE 12000	18.1	39.2	45.9	49.7	51.9	52.9	53.9	54.1	54.3	55.1	55.5	55.5	55.9	55.9	55.9	56.1
GE 10000	18.3	41.9	49.1	52.9	55.5	56.9	57.9	58.3	58.4	59.2	59.6	59.6	60.0	60.0	60.0	60.2
GE 9000	18.3	41.9	49.1	52.9	55.5	57.1	58.1	58.4	58.6	59.4	59.8	59.8	60.2	60.2	60.2	60.4
GE 8000	19.5	44.5	51.9	55.7	58.6	60.2	61.2	61.6	61.8	62.6	63.0	63.0	63.4	63.4	63.4	63.8
GE 7000	19.5	44.7	52.1	56.3	59.2	61.0	62.0	62.4	62.6	63.4	63.8	63.8	64.2	64.2	64.2	64.6
GE 6000	19.7	45.3	52.7	56.9	60.2	62.2	63.2	63.6	63.8	64.6	65.0	65.0	65.4	65.4	65.4	65.8
GE 5000	19.9	46.9	54.7	58.8	62.4	64.4	65.6	66.2	66.4	67.4	67.8	67.8	68.2	68.2	68.2	68.6
GE 4500	19.9	47.3	55.1	59.2	62.8	65.0	66.2	66.8	67.0	68.0	68.4	68.4	68.8	68.8	68.8	69.2
GE 4000	20.5	49.1	57.1	61.2	64.8	67.0	68.2	68.8	69.0	70.0	70.6	70.6	71.0	71.0	71.0	71.4
GE 3500	20.9	49.7	57.7	62.0	65.6	68.0	69.2	69.8	70.0	71.0	71.6	71.6	72.0	72.0	72.0	72.4
GE 3000	21.1	50.5	58.4	63.2	67.0	69.6	71.0	71.6	71.8	72.8	73.4	73.4	73.8	73.8	73.8	74.2
GE 2500	21.3	51.7	60.2	65.2	69.4	72.0	73.4	74.0	74.2	75.1	75.7	75.7	76.1	76.1	76.1	76.5
GE 2000	21.3	52.1	60.6	65.8	70.0	72.6	74.2	75.0	75.1	76.1	76.7	76.7	77.1	77.1	77.1	77.5
GE 1800	21.5	52.3	60.8	66.0	70.2	72.8	74.4	75.3	75.5	76.5	77.1	77.1	77.5	77.5	77.5	77.9
GE 1500	21.5	53.7	62.2	67.8	72.0	74.8	76.7	77.7	77.9	78.9	79.7	79.7	80.1	80.1	80.1	80.5
GE 1200	21.5	53.7	62.2	67.8	72.2	75.0	76.9	77.9	78.1	79.3	80.1	80.1	80.5	80.5	80.5	80.9
GE 1000	21.7	54.3	63.2	69.2	73.6	76.3	78.5	79.5	79.7	80.9	81.7	81.7	82.1	82.1	82.1	82.5
GE 900	21.7	54.3	63.2	69.4	73.8	76.5	78.7	79.7	79.9	81.1	81.9	81.9	82.3	82.3	82.3	82.7
GE 800	21.9	54.7	63.6	70.2	74.8	77.5	79.7	80.7	80.9	82.3	83.1	83.1	83.5	83.5	83.5	83.9
GE 700	21.9	54.7	63.8	70.6	75.7	78.5	80.9	81.9	82.1	83.5	84.5	84.5	84.9	84.9	84.9	85.3
GE 600	21.9	54.9	64.0	70.8	75.9	78.7	81.3	82.3	82.5	84.3	85.3	85.3	85.7	85.7	85.7	86.1
GE 500	21.9	55.1	64.4	72.0	77.5	81.3	84.7	85.9	86.1	88.1	89.9	89.9	90.5	90.5	90.5	90.9
GE 400	21.9	55.1	64.4	72.0	77.5	81.5	85.3	87.7	87.9	90.3	92.0	92.0	92.6	92.6	92.8	93.2
GE 300	21.9	55.1	64.4	72.0	77.7	81.7	85.9	88.5	88.7	91.7	93.6	93.6	94.4	95.0	95.2	95.8
GE 200	21.9	55.1	64.4	72.0	77.7	81.7	85.9	88.7	88.9	92.0	94.2	94.2	95.2	96.2	96.4	97.6
GE 100	21.9	55.1	64.4	72.0	77.7	81.7	85.9	88.7	88.9	92.0	94.2	94.2	95.2	96.4	96.8	98.0
GE 0	21.9	55.1	64.4	72.0	77.7	81.7	85.9	88.7	88.9	92.0	94.2	94.2	95.2	96.4	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 503

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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	29.1	40.7	43.9	46.3	47.2	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 20000	32.8	48.3	51.5	54.0	54.9	55.3	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 18000	32.8	48.3	51.5	54.0	54.9	55.3	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 16000	32.8	48.3	51.5	54.0	54.9	55.3	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 14000	32.9	48.9	52.3	54.8	55.9	56.3	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 12000	33.4	49.8	53.3	55.9	56.9	57.4	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 10000	34.3	53.0	56.8	59.8	61.1	61.5	61.8	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 9000	34.3	53.1	56.9	59.9	61.2	61.7	61.9	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 8000	34.6	54.0	57.9	60.8	62.2	62.7	63.1	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 7000	34.7	54.4	58.3	61.4	63.0	63.4	63.8	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 6000	35.1	55.1	59.2	62.4	64.1	64.6	65.0	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 5000	35.9	57.0	61.2	64.7	67.1	67.8	68.2	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 4500	36.2	57.6	61.8	65.3	67.7	68.4	68.8	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 4000	36.7	59.2	63.6	67.3	69.8	70.7	71.0	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 3500	37.4	60.0	64.9	68.8	71.2	72.1	72.4	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 3000	37.6	60.2	65.2	69.3	72.3	73.3	73.8	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 2500	38.1	61.3	66.9	71.4	74.7	75.6	76.2	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 2000	38.6	62.1	67.7	72.2	76.0	76.9	77.5	77.8	77.8	77.9	77.9	78.0	78.0	78.0	78.0	78.0
GE 1800	38.8	62.4	67.9	72.4	76.2	77.2	77.8	78.0	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2
GE 1500	39.1	63.6	69.5	74.1	78.3	79.4	80.0	80.2	80.2	80.4	80.5	80.5	80.5	80.5	80.5	80.5
GE 1200	39.2	63.9	69.9	74.8	79.2	80.5	81.4	81.9	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1
GE 1000	39.4	65.3	71.5	76.7	81.4	82.8	83.9	84.5	84.5	84.9	85.0	85.0	85.0	85.0	85.0	85.0
GE 900	39.4	65.3	71.5	76.8	81.5	83.0	84.0	84.6	84.6	85.0	85.1	85.1	85.1	85.1	85.1	85.1
GE 800	39.4	65.8	72.1	77.4	82.2	83.7	84.7	85.3	85.3	85.8	85.9	85.9	85.9	85.9	85.9	85.9
GE 700	39.4	66.0	72.3	77.8	82.8	84.3	85.3	86.0	86.0	86.5	86.6	86.6	86.6	86.6	86.6	86.6
GE 600	39.4	66.2	72.5	78.0	83.6	85.3	86.6	87.5	87.7	88.3	88.4	88.4	88.4	88.4	88.4	88.4
GE 500	39.4	66.2	73.1	79.2	85.4	88.0	90.2	91.8	92.1	93.3	93.4	93.4	93.5	93.5	93.5	93.5
GE 400	39.4	66.3	73.5	79.6	86.0	88.9	91.0	93.6	93.8	95.4	95.4	95.5	95.7	95.9	95.9	95.9
GE 300	39.4	66.4	73.6	80.3	86.4	89.2	91.6	94.4	94.7	96.6	97.0	97.0	97.8	98.0	98.1	98.1
GE 200	39.4	66.4	73.6	80.3	86.4	89.2	91.7	94.6	94.8	97.0	97.9	97.9	98.6	98.9	99.1	99.1
GE 100	39.4	66.4	73.6	80.0	86.4	89.2	91.7	94.6	94.8	97.0	97.9	97.9	98.6	99.1	99.2	99.2
GE 0	39.4	66.4	73.6	80.0	86.4	89.2	91.7	94.6	94.8	97.2	98.1	98.1	98.8	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 445

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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 5/16	GE 1/4	GE 0
NO CEIL	35.0	43.7	44.4	45.4	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 20000	40.8	52.6	53.9	55.0	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 18000	40.8	52.6	53.9	55.0	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 16000	40.8	52.6	53.9	55.0	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 14000	41.2	53.1	54.4	55.8	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 12000	42.2	55.0	56.3	57.7	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 10000	45.0	60.1	61.4	63.2	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 9000	45.1	60.3	61.6	63.3	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 8000	45.6	61.6	63.1	64.9	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 7000	45.6	61.6	63.1	64.9	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 6000	45.9	62.0	63.7	65.6	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 5000	47.2	64.5	66.5	69.2	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 4500	47.7	65.1	67.1	69.8	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 4000	48.0	66.2	68.3	71.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 3500	48.2	66.5	69.2	72.0	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 3000	48.8	68.2	71.1	74.1	75.2	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 2500	49.9	69.8	73.0	76.4	77.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 2000	50.2	71.2	74.9	78.5	80.0	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 1800	50.2	71.5	75.2	78.9	80.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 1500	50.3	73.4	77.2	81.1	82.7	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1200	50.3	73.9	77.8	82.1	83.6	84.9	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1000	50.3	74.5	78.8	83.2	84.9	86.5	87.2	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.9	87.9
GE 900	50.3	74.5	78.8	83.3	85.1	86.7	87.4	87.9	87.9	88.0	88.1	88.1	88.1	88.1	88.3	88.3
GE 800	50.3	74.7	79.2	84.0	86.0	87.7	88.5	89.2	89.2	89.3	89.4	89.4	89.4	89.4	89.6	89.6
GE 700	50.3	74.7	79.4	84.2	86.4	88.3	89.2	89.9	89.9	90.2	90.4	90.4	90.4	90.5	90.5	90.5
GE 600	50.3	74.9	79.7	84.7	87.3	89.3	90.3	91.2	91.2	91.3	91.7	91.7	91.7	91.7	91.8	91.8
GE 500	50.3	75.1	80.1	85.3	88.5	91.2	93.0	94.5	94.5	95.4	95.6	95.6	95.7	95.7	96.0	96.0
GE 400	50.3	75.2	80.2	85.4	88.6	91.3	93.7	95.7	95.7	96.9	97.3	97.3	97.6	97.6	97.9	98.1
GE 300	50.3	75.2	80.2	85.4	88.6	91.3	93.8	96.1	96.1	97.6	98.0	98.0	98.6	98.6	98.9	99.2
GE 200	50.3	75.2	80.2	85.4	88.6	91.3	93.8	96.1	96.1	98.0	98.6	98.6	99.2	99.2	99.6	99.9
GE 100	50.3	75.2	80.2	85.4	88.6	91.3	93.8	96.1	96.1	98.1	98.7	98.7	99.3	99.3	99.8	100.0
GE 0	50.3	75.2	80.2	85.4	88.6	91.3	93.8	96.1	96.1	98.1	98.7	98.7	99.3	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 843

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

NO	CEILING IN FEET	VISIBILITY IN STATUTE MILES															
		GE 1/2	GE 3/4	GE 1	GE 1 1/4	GE 1 1/2	GE 2	GE 2 1/2	GE 3	GE 4	GE 5	GE 6	GE 10	GE 15	GE 20	GE 30	GE 40
NO CEIL	36.7	44.0	46.1	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
GE 20000	42.1	52.5	55.4	57.0	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 18000	42.1	52.5	55.4	57.0	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 16000	42.1	52.5	55.4	57.0	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 14000	43.1	54.2	57.1	58.6	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 12000	44.0	55.8	58.8	60.3	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 10000	46.1	61.1	64.0	66.3	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 9000	46.1	61.1	64.0	66.3	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 8000	47.2	63.4	66.3	68.6	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 7000	47.5	63.8	66.7	69.0	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 6000	48.0	65.2	68.1	70.6	71.2	71.2	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 5000	48.7	66.8	69.8	72.7	73.4	73.4	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4500	48.8	67.2	70.2	73.1	73.8	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 4000	49.6	69.1	72.5	75.4	76.2	76.2	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 3500	49.9	70.8	74.3	77.3	78.2	78.2	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 3000	49.9	72.5	76.1	79.3	80.3	80.3	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 2500	50.2	73.8	77.8	81.3	82.3	82.6	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 2000	50.4	74.6	79.0	82.5	83.5	83.7	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 1800	50.4	74.8	79.1	82.6	83.6	83.9	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 1500	50.6	75.5	80.0	84.1	85.4	85.7	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1200	50.6	76.2	80.8	85.4	86.7	87.3	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1000	50.7	76.6	81.6	86.2	87.5	88.2	89.0	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 900	50.8	76.7	81.7	86.3	87.6	88.3	89.2	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 800	50.8	77.2	82.2	86.9	88.2	89.1	90.3	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 700	50.8	77.6	82.6	87.5	89.0	90.0	91.2	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 600	50.8	77.8	82.8	87.7	89.5	90.8	91.9	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 500	51.0	78.0	83.0	88.0	90.0	91.4	92.8	94.2	94.2	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 400	51.0	78.0	83.0	88.0	90.0	91.7	93.9	95.3	95.3	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 300	51.0	78.0	83.0	88.0	90.0	91.9	94.1	95.9	95.9	96.8	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 200	51.0	78.0	83.0	88.0	90.0	91.9	94.1	95.9	95.9	96.8	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 100	51.0	78.0	83.0	88.0	90.0	91.9	94.1	95.9	95.9	96.8	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 0	51.0	78.0	83.0	88.0	90.0	91.9	94.1	95.9	95.9	96.8	97.7	97.7	97.7	97.7	97.7	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS: 761

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-83,86-87  
 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 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	46.1	48.4	49.0	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 20000	34.4	53.0	55.4	56.0	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 18000	34.4	53.0	55.4	56.0	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 16000	34.4	53.0	55.4	56.0	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 14000	35.1	54.3	56.9	57.8	58.9	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 12000	35.7	55.5	58.1	59.0	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 10000	37.0	59.0	61.9	63.1	64.2	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 9000	37.0	59.0	61.9	63.1	64.2	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 8000	37.3	61.2	64.0	65.7	66.9	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 7000	37.9	62.5	65.4	67.1	68.4	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 6000	38.2	64.3	67.2	68.9	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 5000	39.3	67.2	70.1	71.8	73.9	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4500	39.3	67.5	70.4	72.1	74.2	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 4000	39.5	69.3	72.4	74.4	76.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 3500	39.6	71.2	74.2	76.2	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 3000	39.6	72.1	75.4	77.8	80.6	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 2500	39.8	72.8	76.5	79.1	81.9	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 2000	39.8	73.3	77.1	79.8	83.0	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 1800	39.8	73.4	77.2	80.0	83.2	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 1500	39.8	73.7	78.0	81.2	84.5	85.1	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 1200	39.9	74.5	79.1	82.5	86.0	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1000	40.1	75.4	80.1	83.8	87.4	88.3	88.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 900	40.2	75.6	80.6	84.2	88.2	89.1	89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 800	40.2	75.9	81.3	85.0	89.1	90.0	90.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 700	40.2	75.9	81.3	85.0	89.2	90.1	91.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 600	40.2	75.9	81.3	85.1	89.7	90.9	91.8	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 500	40.2	75.9	81.3	85.3	89.8	91.8	92.9	93.6	93.6	94.5	94.8	94.8	94.8	94.8	94.8	94.8
GE 400	40.2	75.9	81.3	85.3	90.0	92.3	93.6	94.8	94.8	95.9	96.5	96.5	96.5	96.5	96.5	96.5
GE 300	40.2	75.9	81.3	85.3	90.1	92.4	93.9	95.6	95.8	97.1	97.9	97.9	98.5	98.5	98.5	98.6
GE 200	40.2	75.9	81.3	85.3	90.3	92.7	94.1	95.9	96.1	97.6	98.6	98.6	99.2	99.2	99.4	99.8
GE 100	40.2	75.9	81.3	85.3	90.3	92.7	94.1	95.9	96.1	97.6	98.6	98.6	99.4	99.4	99.5	100.0
GE 0	40.2	75.9	81.3	85.3	90.3	92.7	94.1	95.9	96.1	97.6	98.6	98.6	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 659

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-83,86-87  
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	29.6	45.2	49.1	49.8	50.5	50.5	50.5	50.5	50.5	50.5	50.7	50.7	50.7	50.7	50.7	50.7
GE 20000	33.5	52.3	56.1	56.8	57.5	57.9	57.9	57.9	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1
GE 18000	33.5	52.3	56.1	56.8	57.5	57.9	57.9	57.9	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1
GE 16000	33.5	52.3	56.1	56.8	57.5	57.9	57.9	57.9	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1
GE 14000	34.2	53.2	57.5	58.1	58.8	59.3	59.3	59.3	59.3	59.3	59.5	59.5	59.5	59.5	59.5	59.5
GE 12000	34.4	53.6	57.9	58.6	59.3	59.7	59.7	59.7	59.7	59.7	60.0	60.0	60.0	60.0	60.0	60.0
GE 10000	36.4	57.2	61.5	62.2	62.9	63.3	63.3	63.3	63.3	63.3	63.6	63.6	63.6	63.6	63.6	63.6
GE 9000	36.4	57.2	61.5	62.2	62.9	63.3	63.3	63.3	63.3	63.3	63.6	63.6	63.6	63.6	63.6	63.6
GE 8000	37.1	60.0	64.3	64.9	65.6	66.1	66.1	66.1	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3
GE 7000	37.1	60.2	64.5	65.2	65.8	66.3	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5
GE 6000	37.8	62.0	66.3	67.0	67.6	68.1	68.1	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3
GE 5000	38.7	64.9	69.7	70.4	71.3	71.7	71.9	71.9	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.2
GE 4500	38.7	65.6	70.4	71.0	71.9	72.4	72.6	72.6	72.6	72.6	72.9	72.9	72.9	72.9	72.9	72.9
GE 4000	38.7	68.1	72.9	73.8	74.7	75.1	75.3	75.3	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6
GE 3500	38.7	69.2	74.2	75.1	76.0	76.7	76.9	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1
GE 3000	38.7	70.1	75.6	76.7	77.8	78.5	78.7	78.7	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0
GE 2500	38.7	70.8	76.5	77.8	79.0	79.9	80.1	80.1	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3
GE 2000	39.7	70.8	76.7	78.1	80.1	81.0	81.2	81.2	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4
GE 1800	38.7	71.0	76.9	78.3	80.3	81.2	81.4	81.4	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7
GE 1500	38.7	72.2	78.3	80.1	82.4	83.5	83.9	83.9	83.9	83.9	84.2	84.2	84.2	84.2	84.2	84.2
GE 1200	39.1	73.8	80.1	82.1	84.4	85.5	86.0	86.0	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2
GE 1000	39.4	74.2	80.8	83.0	85.3	86.4	86.9	86.9	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1
GE 900	39.4	74.7	81.2	83.5	86.2	87.3	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0
GE 800	39.4	74.7	81.2	83.7	86.7	87.8	88.5	88.5	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7
GE 700	39.4	74.7	81.2	84.2	87.1	88.5	89.1	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6
GE 600	39.4	74.7	81.2	84.4	87.6	89.1	90.0	90.5	90.5	90.5	91.0	91.0	91.0	91.0	91.0	91.0
GE 500	39.4	74.7	81.7	84.8	88.2	90.5	92.5	93.2	93.2	93.9	94.6	94.6	94.6	94.6	94.6	94.6
GE 400	39.4	74.7	81.7	84.8	88.2	90.7	92.8	94.1	94.1	95.0	95.7	95.7	95.9	95.9	95.9	95.9
GE 300	39.4	74.7	81.7	85.1	88.5	91.0	93.2	95.0	95.2	96.2	96.8	96.8	97.3	97.3	97.5	97.5
GE 200	39.4	74.7	81.7	85.1	88.5	91.0	93.2	95.0	95.2	96.4	97.1	97.1	97.5	97.7	98.4	98.4
GE 100	39.4	74.7	81.7	85.1	88.5	91.0	93.2	95.0	95.2	96.6	97.3	97.3	97.7	98.7	98.6	98.9
GE 0	39.4	74.7	81.7	85.1	88.5	91.0	93.2	95.0	95.2	96.6	97.3	97.3	97.7	98.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 442

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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	30.4	42.2	44.9	46.4	47.2	47.4	47.5	47.5	47.5	47.6	47.7	47.7	47.7	47.7	47.7	47.8
GE 20000	34.7	49.8	52.9	54.6	55.5	55.8	56.0	56.0	56.1	56.2	56.2	56.2	56.3	56.3	56.3	56.3
GE 18000	34.7	49.8	52.9	54.6	55.5	55.8	56.0	56.0	56.1	56.2	56.2	56.2	56.3	56.3	56.3	56.3
GE 16000	34.7	49.8	52.9	54.6	55.5	55.8	56.0	56.0	56.1	56.2	56.2	56.2	56.3	56.3	56.3	56.3
GE 14000	35.2	50.7	54.0	55.7	56.7	57.0	57.2	57.3	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.5
GE 12000	35.8	52.1	55.3	57.1	58.1	58.4	58.6	58.7	58.7	58.8	58.9	58.9	58.9	58.9	58.9	58.9
GE 10000	37.5	56.1	59.5	61.7	62.8	63.2	63.4	63.5	63.5	63.7	63.7	63.7	63.8	63.8	63.8	63.8
GE 9000	37.5	56.2	59.6	61.7	62.8	63.3	63.5	63.6	63.6	63.7	63.8	63.8	63.9	63.9	63.9	63.9
GE 8000	38.1	58.0	61.5	63.8	65.0	65.5	65.7	65.8	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.1
GE 7000	38.3	58.4	62.0	64.3	65.6	66.0	66.3	66.4	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.7
GE 6000	38.7	59.5	63.1	65.5	66.9	67.4	67.6	67.7	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.1
GE 5000	39.6	61.7	65.5	68.2	69.9	70.5	70.8	70.9	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.2
GE 4500	39.7	62.2	66.0	68.7	70.4	71.0	71.3	71.4	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.8
GE 4000	40.2	63.9	67.9	70.8	72.6	73.2	73.5	73.7	73.7	73.8	73.9	73.9	74.0	74.0	74.0	74.0
GE 3500	40.5	65.0	69.2	72.1	74.0	74.7	75.0	75.2	75.2	75.3	75.4	75.4	75.5	75.5	75.5	75.5
GE 3000	40.7	66.0	70.4	73.7	75.7	76.5	76.9	77.1	77.1	77.3	77.4	77.4	77.4	77.4	77.4	77.5
GE 2500	41.1	67.1	72.0	75.5	77.8	78.7	79.2	79.4	79.4	79.5	79.6	79.6	79.7	79.7	79.7	79.7
GE 2000	41.3	67.9	73.0	76.6	79.1	80.0	80.5	80.7	80.7	80.9	81.0	81.0	81.1	81.1	81.1	81.1
GE 1800	41.4	68.1	73.2	76.8	79.3	80.3	80.7	81.0	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.4
GE 1500	41.5	69.3	74.5	78.5	81.2	82.3	82.9	83.2	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.7
GE 1200	41.6	69.9	75.3	79.5	82.3	83.6	84.3	84.7	84.7	84.9	85.1	85.1	85.1	85.1	85.2	85.2
GE 1000	41.7	70.6	76.3	80.8	83.7	85.1	86.0	86.5	86.5	86.8	86.9	86.9	87.0	87.0	87.0	87.1
GE 900	41.8	70.7	76.5	81.0	84.0	85.4	86.3	86.9	86.9	87.2	87.4	87.4	87.5	87.5	87.5	87.6
GE 800	41.8	71.1	76.9	81.6	84.8	86.3	87.3	87.9	87.9	88.3	88.5	88.5	88.5	88.5	88.6	88.7
GE 700	41.8	71.2	77.1	81.9	85.4	86.9	88.0	88.7	88.7	89.1	89.3	89.3	89.4	89.4	89.5	89.6
GE 600	41.8	71.3	77.3	82.2	86.0	87.7	89.0	89.7	89.8	90.4	90.6	90.6	90.7	90.7	90.7	90.8
GE 500	41.8	71.4	77.6	82.8	87.0	89.4	91.3	92.6	92.6	93.6	94.1	94.1	94.3	94.3	94.4	94.5
GE 400	41.8	71.4	77.7	83.0	87.2	89.8	92.0	93.9	94.0	95.2	95.8	95.8	96.1	96.2	96.3	96.4
GE 300	41.8	71.5	77.8	83.1	87.3	90.0	92.4	94.6	94.7	96.3	97.1	97.1	97.8	97.9	98.1	98.3
GE 200	41.8	71.5	77.8	83.1	87.3	90.0	92.4	94.7	94.8	96.6	97.6	97.6	98.3	98.5	98.8	99.2
GE 100	41.8	71.5	77.8	83.1	87.3	90.0	92.4	94.7	94.8	96.6	97.6	97.6	98.4	98.7	99.0	99.5
GE	0	41.8	71.5	77.8	83.1	87.3	90.0	92.4	94.7	94.8	96.7	97.7	97.7	98.5	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 4073

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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	23.7	38.0	41.9	46.2	49.1	50.0	50.5	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.3	51.3	
GE 2000	24.7	43.2	47.7	52.3	55.7	56.8	57.3	57.9	57.9	57.9	58.1	58.1	58.1	58.1	58.2	58.2	
GE 1800	24.7	43.2	47.7	52.3	55.7	56.8	57.3	57.9	57.9	57.9	58.1	58.1	58.1	58.1	58.2	58.2	
GE 1600	24.7	43.2	47.7	52.3	55.9	57.0	57.5	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.4	58.4	
GE 1400	24.7	43.9	48.7	53.4	57.0	58.1	58.8	59.3	59.3	59.3	59.5	59.5	59.5	59.5	59.7	59.7	
GE 1200	25.6	45.0	49.8	54.7	58.2	59.5	60.2	60.8	60.8	60.8	60.9	60.9	60.9	60.9	61.1	61.1	
GE 1000	26.5	47.5	52.9	58.4	62.4	63.6	64.3	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.2	65.2	
GE 900	26.5	47.5	52.9	58.4	62.4	63.6	64.3	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.2	65.2	
GE 800	27.1	48.9	54.5	60.4	64.5	65.8	66.7	67.2	67.2	67.2	67.4	67.4	67.4	67.4	67.6	67.6	
GE 700	27.1	49.1	54.8	60.8	64.9	66.3	67.2	67.7	67.7	67.7	67.9	67.9	67.9	67.9	68.1	68.1	
GE 600	27.8	50.4	56.3	62.2	66.5	67.9	69.0	69.5	69.5	69.5	69.7	69.7	69.7	69.7	69.9	69.9	
GE 500	28.1	51.6	57.7	63.8	68.5	69.9	71.0	71.5	71.5	71.5	71.7	71.7	71.7	71.7	71.9	71.9	
GE 450	28.1	51.8	57.9	64.0	68.8	70.3	71.3	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.2	72.2	
GE 400	28.5	53.0	59.5	65.9	71.0	72.6	73.7	74.2	74.2	74.2	74.4	74.4	74.4	74.4	74.6	74.6	
GE 350	28.7	53.4	59.9	66.3	71.3	72.9	74.0	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.9	74.9	
GE 300	28.7	54.5	61.1	67.6	72.9	74.6	75.6	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.5	76.5	
GE 250	29.2	55.6	62.2	68.6	74.9	76.7	77.8	78.3	78.3	78.3	78.5	78.5	78.5	78.5	78.7	78.7	
GE 200	29.4	56.1	62.7	69.2	76.0	78.0	79.0	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.9	79.9	
GE 180	29.4	56.1	62.7	69.2	76.2	78.1	79.2	79.7	79.7	79.7	79.9	79.9	79.9	79.9	80.1	80.1	
GE 150	29.6	57.0	64.2	70.6	77.6	79.6	80.6	81.2	81.2	81.2	81.4	81.4	81.4	81.4	81.5	81.5	
GE 120	29.6	57.2	64.3	71.0	78.1	80.1	81.4	81.9	81.9	81.9	82.1	82.1	82.1	82.1	82.3	82.3	
GE 100	29.6	57.3	64.5	71.1	78.7	80.8	82.3	82.8	82.8	82.8	83.0	83.0	83.0	83.0	83.2	83.2	
GE 90	29.6	57.3	64.7	71.3	78.9	81.2	82.6	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.7	83.7	
GE 80	29.6	57.3	64.7	71.3	78.9	81.9	83.3	84.1	84.1	84.2	84.4	84.4	84.4	84.4	84.6	84.6	
GE 70	29.6	57.3	64.9	71.5	79.6	82.6	84.2	84.9	84.9	85.1	85.3	85.3	85.3	85.3	85.5	85.5	
GE 60	29.7	57.5	65.2	71.9	79.9	83.0	85.8	86.6	86.6	86.9	87.1	87.1	87.1	87.1	87.3	87.3	
GE 50	29.7	57.9	65.8	72.8	81.0	86.6	89.6	90.9	90.9	91.2	91.4	91.4	91.4	91.4	91.6	91.6	
GE 40	29.7	57.9	65.9	72.9	81.5	87.6	91.4	93.5	93.5	94.3	94.4	94.4	94.4	94.4	94.8	94.8	
GE 30	29.7	57.9	65.9	72.9	81.5	87.8	92.3	94.4	94.4	95.3	95.7	95.7	95.9	95.9	96.2	96.2	
GE 20	29.7	58.1	66.1	73.1	81.7	88.0	92.5	94.6	94.6	95.7	96.2	96.2	96.8	96.8	97.1	97.3	
GE 10	29.7	58.1	66.1	73.1	81.7	88.0	92.5	94.6	94.6	95.9	96.4	96.4	97.0	97.0	97.5	98.6	
GE 0	29.7	58.1	66.1	73.1	81.7	88.0	92.5	94.6	94.6	95.9	96.4	96.4	97.1	97.1	97.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 558

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM FOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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	34.7	46.7	49.2	50.8	51.5	52.0	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 20000	38.5	54.0	57.0	59.1	60.4	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 18000	38.5	54.0	57.0	59.1	60.4	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 16000	38.5	54.0	57.0	59.4	60.6	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 14000	38.7	54.5	57.6	60.0	61.3	61.9	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 12000	38.9	55.6	58.8	61.5	62.8	63.4	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 10000	41.1	59.2	63.5	66.2	67.8	68.6	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 9000	41.1	59.4	63.7	66.3	68.0	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 8000	41.6	60.9	65.8	68.9	70.5	71.3	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 7000	41.6	61.1	66.0	69.1	70.9	71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 6000	41.9	62.5	67.6	70.8	72.6	73.3	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 5000	42.3	63.9	69.2	72.5	74.4	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 4500	42.6	64.2	69.6	72.8	74.7	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 4000	42.9	65.2	71.1	74.4	76.3	77.1	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 3500	43.1	65.6	71.5	74.8	76.8	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 3000	43.7	67.0	73.1	76.5	78.5	79.2	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 2500	44.5	68.0	74.2	77.6	79.7	80.4	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 2000	44.8	68.7	75.3	78.9	81.1	81.8	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 1800	44.9	68.9	75.6	79.4	81.6	82.4	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 1500	45.1	69.7	76.5	80.2	82.6	83.4	83.9	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1200	45.6	70.8	77.7	81.5	84.0	84.9	85.4	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1000	45.6	71.0	78.2	82.3	85.2	86.2	86.7	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 900	45.6	71.2	78.6	82.9	85.9	87.0	87.4	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 800	45.7	71.6	79.1	83.5	86.8	88.0	88.5	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 700	45.7	71.7	79.4	83.8	87.0	88.6	89.2	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 600	45.7	72.2	79.8	84.4	87.7	89.7	90.9	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 500	45.9	72.4	80.3	85.1	88.8	91.7	93.0	93.9	93.9	94.5	94.5	94.5	94.6	94.6	94.6	94.6
GE 400	45.9	72.4	80.3	85.2	89.0	92.2	93.8	95.1	95.2	96.1	96.3	96.3	96.6	96.6	96.6	96.6
GE 300	45.9	72.4	80.3	85.3	89.2	92.5	94.3	95.8	95.9	97.2	97.7	97.7	98.1	98.1	98.1	98.1
GE 200	45.9	72.4	80.3	85.3	89.2	92.5	94.3	96.0	96.1	97.8	98.4	98.4	98.9	98.9	98.9	98.9
GE 100	45.9	72.4	80.3	85.3	89.2	92.5	94.3	96.0	96.1	98.0	98.5	98.5	99.1	99.1	99.2	99.6
GE	45.9	72.4	80.3	85.3	89.2	92.5	94.3	96.0	96.1	98.0	98.5	98.5	99.2	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 VFRSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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	38.2	48.1	50.3	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 20000	43.1	55.8	58.6	59.1	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 18000	43.1	55.8	58.6	59.1	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 16000	43.1	55.9	58.7	59.2	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 14000	44.1	56.9	59.7	60.2	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 12000	44.9	58.3	61.2	61.8	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 10000	45.9	61.1	64.3	64.9	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 9000	45.9	61.2	64.4	65.1	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 8000	46.7	63.2	66.7	67.3	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 7000	47.0	63.7	67.1	67.7	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 6000	47.5	64.8	68.3	69.0	69.4	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6
GE 5000	48.2	66.9	70.5	71.3	71.6	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8
GE 4500	48.6	67.5	71.2	72.0	72.4	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 4000	50.0	69.9	73.9	74.8	75.2	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 3500	50.8	71.4	75.4	76.5	76.8	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 3000	52.2	73.3	77.6	78.8	79.2	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 2500	53.1	75.2	80.0	81.4	82.2	82.8	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 2000	53.5	76.6	81.7	83.3	84.1	84.9	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1800	53.8	77.2	82.6	84.2	84.9	85.8	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 1500	53.8	78.2	84.2	85.9	86.8	87.6	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1200	54.0	78.6	85.2	86.9	87.8	88.8	88.8	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1000	54.0	78.7	85.5	87.3	88.5	89.5	89.5	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 900	54.0	78.8	85.6	87.6	88.9	89.9	89.9	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 800	54.1	78.9	85.9	88.0	89.9	91.0	91.0	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 700	54.2	79.1	86.1	88.2	90.3	91.6	91.7	91.8	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 600	54.2	79.2	86.6	88.9	91.2	93.0	93.0	93.5	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 500	54.2	79.4	86.7	89.4	92.0	94.0	94.0	95.1	95.3	95.3	95.9	96.0	96.0	96.0	96.0	96.0
GE 400	54.2	79.6	86.9	89.6	92.4	94.6	94.6	96.7	96.7	96.7	97.8	98.0	98.0	98.0	98.0	98.0
GE 300	54.2	79.6	86.9	89.7	92.6	94.9	94.9	96.3	96.3	97.2	97.2	98.8	99.1	99.1	99.1	99.1
GE 200	54.2	79.6	86.9	89.7	92.6	94.9	94.9	96.3	96.3	97.2	97.2	98.9	99.6	99.6	99.7	99.7
GE 100	54.2	79.6	86.9	89.7	92.6	95.1	95.1	96.5	96.5	97.3	97.3	99.0	99.7	99.7	99.8	99.9
GE 0	54.2	79.6	86.9	89.7	92.6	95.1	95.1	96.5	96.5	97.3	97.3	99.0	99.7	99.7	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: 746941 STATION NAME: ELIZABETH CITY NC

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

NO	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
	38.4	47.7	49.2	49.5	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 20000	43.7	56.4	58.1	58.7	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 18000	43.7	56.4	58.1	58.7	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 16000	43.7	56.4	58.1	58.7	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 14000	45.0	57.9	59.8	60.3	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 12000	45.9	59.5	61.6	62.2	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
GE 10000	47.2	62.0	64.3	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 9000	47.3	62.1	64.4	65.0	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 8000	48.0	64.1	66.6	67.2	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 7000	48.1	64.7	67.2	67.8	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 6000	48.3	66.2	68.8	69.4	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 5000	48.7	68.0	70.7	71.6	72.2	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 4500	49.3	68.8	71.5	72.4	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
GE 4000	50.2	71.0	73.8	74.9	75.6	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 3500	51.3	72.9	75.8	76.9	77.7	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 3000	52.4	75.2	78.8	80.2	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 2500	53.0	76.5	80.5	82.0	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
GE 2000	53.0	77.6	81.9	83.7	85.6	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1800	53.0	77.7	82.1	84.1	85.9	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1500	53.1	78.0	82.4	84.5	86.7	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1200	53.1	78.4	82.9	85.0	87.4	88.5	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1000	53.3	78.7	83.5	85.8	88.5	90.0	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 900	53.3	78.7	83.5	85.8	88.5	90.0	90.6	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 800	53.3	79.0	83.7	86.3	89.3	90.8	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 700	53.3	79.4	84.3	87.1	90.5	92.0	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 600	53.3	79.5	84.5	87.4	90.8	92.4	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 500	53.3	79.5	85.0	88.0	91.5	93.4	94.7	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 400	53.4	79.9	85.3	88.4	92.2	94.5	96.2	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 300	53.4	79.9	85.3	88.4	92.3	94.6	96.7	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 200	53.4	79.9	85.3	88.4	92.3	94.8	96.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 100	53.4	79.9	85.3	88.4	92.3	94.8	96.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 0	53.4	79.9	85.3	88.4	92.3	94.8	96.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 860

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-83,86-87  
 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 5/16	GE 1/4	GE 0
NO CEIL	36.7	53.4	54.4	55.0	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 20000	40.1	59.8	61.3	61.8	63.1	63.5	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 18000	40.1	59.8	61.3	61.8	63.1	63.5	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 16000	40.1	59.8	61.4	62.0	63.2	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 14000	40.4	60.2	61.8	62.4	63.6	64.0	64.0	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 12000	41.7	61.8	63.5	64.0	65.3	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 10000	42.5	63.6	65.5	66.1	67.3	67.7	67.7	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 9000	42.5	63.6	65.5	66.1	67.3	67.7	67.7	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 8000	42.8	65.3	68.0	68.5	69.8	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 7000	42.8	65.4	68.1	68.7	70.0	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 6000	42.8	66.3	69.2	69.8	71.1	71.5	71.5	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 5000	43.6	68.5	71.7	72.4	73.7	74.3	74.4	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 4500	43.8	68.7	72.1	73.1	74.4	75.0	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 4000	44.9	71.7	75.1	76.1	77.4	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 3500	45.3	73.1	77.0	78.1	79.9	80.4	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 3000	46.0	75.1	79.2	80.3	82.2	82.9	83.0	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 2500	46.0	75.2	79.3	80.4	82.6	83.4	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 2000	46.0	76.3	80.4	81.7	84.0	84.8	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1800	46.0	76.5	81.0	82.2	84.5	85.4	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 1500	46.2	77.3	82.4	83.6	86.5	87.4	88.2	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1200	46.4	77.7	82.8	84.3	87.1	88.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1000	46.4	78.1	83.4	85.1	88.4	89.3	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 900	46.4	78.1	83.4	85.4	88.8	90.0	91.2	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 800	46.4	78.1	83.4	85.5	89.1	90.8	92.2	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 700	46.4	78.1	83.6	85.8	89.5	91.7	93.0	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 600	46.4	78.2	84.0	86.3	90.2	92.6	94.0	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 500	46.5	78.5	84.3	86.6	90.7	93.2	94.5	95.2	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 400	46.5	78.8	84.7	87.1	91.4	94.3	95.8	96.7	96.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 300	46.5	78.8	84.7	87.3	91.5	94.4	95.9	97.0	97.0	98.1	98.2	98.2	98.4	98.4	98.4	98.4
GE 200	46.5	78.8	84.7	87.3	91.5	94.4	95.9	97.0	97.3	98.4	98.8	98.8	99.2	99.2	99.3	99.3
GE 100	46.5	78.8	84.7	87.3	91.5	94.4	95.9	97.0	97.3	98.5	99.0	99.0	99.5	99.5	99.6	99.6
GE 0	46.5	78.8	84.7	87.3	91.5	94.4	95.9	97.0	97.3	98.5	99.0	99.0	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 731

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-83-86-87  
MONTH: MAR HOURS (LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	36.3	58.2	60.1	61.1	62.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 2000	38.3	62.6	64.4	65.4	66.5	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 1800	38.3	62.6	64.4	65.4	66.5	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 1600	38.3	62.6	64.4	65.4	66.5	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 1400	38.9	63.6	65.4	66.5	67.5	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 1200	39.5	64.6	66.7	67.7	68.7	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 1000	40.5	65.8	67.9	68.9	70.2	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 900	40.5	65.8	67.9	68.9	70.2	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 800	40.5	66.7	69.3	70.4	71.6	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 700	40.5	66.7	69.3	70.4	71.6	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 600	40.9	68.1	70.8	71.8	73.0	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 500	41.8	70.2	73.0	74.1	75.3	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 450	42.0	70.4	73.5	74.5	75.7	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 400	42.2	71.6	74.7	75.1	77.4	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 350	42.4	72.8	77.0	78.6	80.2	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 300	42.6	74.7	79.2	80.9	82.5	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 250	42.6	74.9	80.0	81.7	83.5	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 200	42.6	75.7	81.1	82.7	84.6	85.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 180	42.6	75.7	81.1	83.1	85.0	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 150	42.8	76.1	81.5	83.5	85.4	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 120	43.0	76.5	82.1	84.2	86.4	87.2	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 100	43.0	77.2	83.1	85.4	87.9	88.9	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 90	43.0	77.4	83.7	86.0	88.5	89.7	90.5	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 80	43.0	77.4	84.2	86.4	89.1	90.7	91.8	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 70	43.0	77.4	84.2	86.4	89.1	90.7	92.0	92.2	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 60	43.0	77.6	84.6	86.8	89.5	91.6	93.2	93.6	93.6	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 50	43.0	77.6	84.8	87.2	89.9	92.2	93.8	94.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 40	43.0	77.6	84.8	87.7	90.7	93.0	94.9	95.7	95.7	97.1	97.3	97.3	97.3	97.3	97.3	97.3
GE 30	43.0	77.6	84.8	87.9	90.9	93.2	95.1	96.5	96.5	97.9	98.1	98.1	98.6	98.6	98.6	98.6
GE 20	43.0	77.6	84.8	87.9	90.9	93.2	95.1	96.5	96.5	98.1	98.4	98.4	98.8	98.8	98.8	98.8
GE 10	43.0	77.6	84.8	87.9	90.9	93.2	95.1	96.5	96.7	98.8	99.0	99.0	99.4	99.4	99.4	99.4
GE	43.0	77.6	84.8	87.9	90.9	93.2	95.1	96.5	96.7	98.8	99.0	99.0	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 466

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-87  
 MONTH: MAR 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	35.2	48.4	50.6	51.7	52.6	52.8	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1
GE 2000	39.0	55.4	57.9	59.3	60.5	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2
GE 1800	39.0	55.4	57.9	59.3	60.5	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2
GE 1600	39.0	55.4	57.9	59.4	60.6	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3
GE 1400	39.6	56.2	58.9	60.4	61.6	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3
GE 1200	40.4	57.6	60.3	61.9	63.1	63.5	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 1000	41.6	60.1	63.3	65.0	66.3	66.8	66.9	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1
GE 900	41.6	60.2	63.4	65.1	66.4	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 800	42.2	61.8	65.5	67.3	68.7	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 700	42.2	62.1	65.8	67.6	69.0	69.5	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 600	42.6	63.4	67.2	69.0	70.5	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4
GE 500	43.1	65.2	69.2	71.1	72.7	73.2	73.4	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 450	43.4	65.6	69.7	71.7	73.3	73.8	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 400	44.2	67.5	71.8	74.0	75.6	76.2	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 350	44.7	68.7	73.2	75.4	77.2	77.8	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3
GE 300	45.5	70.5	75.3	77.7	79.5	80.3	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 250	46.1	71.5	76.6	79.0	81.2	82.1	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6
GE 200	46.2	72.5	77.8	80.4	82.8	83.7	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 180	46.3	72.7	78.2	80.9	83.3	84.2	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8
GE 150	46.4	73.4	79.2	81.9	84.6	85.6	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 120	46.6	73.9	79.9	82.7	85.5	86.6	87.1	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4
GE 100	46.7	74.2	80.4	83.4	86.5	87.7	88.4	88.6	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8
GE 90	46.7	74.3	80.6	83.7	86.9	88.2	88.9	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 80	46.7	74.4	80.9	84.1	87.5	89.1	89.9	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 70	46.7	74.6	81.1	84.4	88.1	89.9	90.7	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 60	46.7	74.8	81.5	84.9	88.7	90.7	92.1	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 50	46.8	74.9	81.8	85.5	89.5	92.1	93.7	94.3	94.3	94.9	94.9	95.0	95.0	95.0	95.0	95.0
GE 40	46.8	75.1	82.0	85.8	90.0	93.0	94.8	96.0	96.0	96.9	97.0	97.0	97.1	97.1	97.1	97.1
GE 30	46.8	75.1	82.0	85.9	90.1	93.2	95.3	96.7	96.8	97.8	98.2	98.3	98.3	98.4	98.4	98.4
GE 20	46.8	75.1	82.1	85.9	90.1	93.3	95.3	96.8	96.9	98.1	98.6	98.6	98.9	98.9	99.0	99.1
GE 10	46.8	75.1	82.1	85.9	90.1	93.3	95.3	96.8	97.0	98.3	98.8	98.8	99.1	99.1	99.3	99.5
GE	46.8	75.1	82.1	85.9	90.1	93.3	95.3	96.8	97.0	98.3	98.8	98.8	99.2	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 4495

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

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	26.0	45.9	50.8	53.5	55.5	56.7	57.7	58.2	58.2	58.9	59.0	59.0	59.0	59.0	59.2	59.2
GE 2000	27.2	50.4	56.2	59.2	61.6	62.9	63.9	64.4	64.4	65.1	65.3	65.3	65.3	65.3	65.4	65.4
GE 1800	27.2	50.4	56.2	59.2	61.6	62.9	63.9	64.4	64.4	65.1	65.3	65.3	65.3	65.3	65.4	65.4
GE 1600	27.2	50.4	56.2	59.2	61.6	62.9	63.9	64.4	64.4	65.1	65.3	65.3	65.3	65.3	65.4	65.4
GE 1400	27.8	51.4	57.3	60.4	62.7	64.2	65.3	65.8	65.8	66.4	66.6	66.6	66.6	66.6	66.8	66.8
GE 1200	28.0	52.1	58.0	61.2	63.7	65.3	66.3	66.8	66.8	67.5	67.6	67.6	67.6	67.6	67.8	67.8
GE 1000	29.0	56.2	62.4	65.8	68.3	70.0	71.3	72.0	72.0	72.7	72.8	72.8	72.8	72.8	73.0	73.0
GE 900	29.0	56.2	62.4	65.8	68.3	70.0	71.3	72.0	72.0	72.7	72.8	72.8	72.8	72.8	73.0	73.0
GE 800	29.3	58.3	65.1	68.5	71.0	72.7	74.0	74.7	74.7	75.4	75.5	75.5	75.5	75.5	75.7	75.7
GE 700	29.3	58.7	65.4	68.8	71.3	73.0	74.4	75.0	75.0	75.7	75.9	75.9	75.9	75.9	76.1	76.1
GE 600	29.3	58.7	65.8	69.1	71.7	73.4	74.7	75.4	75.4	76.1	76.2	76.2	76.2	76.2	76.4	76.4
GE 500	29.7	59.5	66.9	70.5	73.4	75.0	76.4	77.1	77.1	77.7	77.9	77.9	77.9	77.9	78.1	78.1
GE 450	29.7	59.7	67.1	70.7	73.5	75.2	76.6	77.2	77.2	77.9	78.1	78.1	78.1	78.1	78.2	78.2
GE 400	30.0	60.9	68.5	72.0	75.2	76.9	78.2	78.9	78.9	79.6	79.8	79.8	79.8	79.8	79.9	79.9
GE 350	30.0	61.0	68.6	72.2	75.4	77.1	78.6	79.3	79.3	79.9	80.1	80.1	80.1	80.1	80.3	80.3
GE 300	30.0	61.6	69.1	72.8	76.1	77.9	79.4	80.4	80.4	81.3	81.5	81.5	81.5	81.5	81.6	81.6
GE 250	30.0	62.2	69.8	73.5	76.7	78.6	80.3	81.3	81.3	82.1	82.3	82.3	82.3	82.3	82.5	82.5
GE 200	30.0	63.2	71.0	74.7	78.2	80.1	81.8	82.8	82.8	83.6	83.8	83.8	83.8	83.8	84.0	84.0
GE 180	30.0	63.4	71.2	74.9	78.4	80.3	82.0	83.0	83.0	83.8	84.0	84.0	84.0	84.0	84.1	84.1
GE 150	30.0	64.2	72.5	76.2	80.1	82.0	83.8	84.8	84.8	85.7	85.8	85.8	85.8	85.8	86.0	86.0
GE 120	30.0	64.4	72.7	76.4	80.4	82.3	84.1	85.2	85.2	86.0	86.2	86.2	86.2	86.2	86.3	86.3
GE 100	30.0	64.6	72.8	76.7	80.9	82.8	84.7	85.8	85.8	87.0	87.2	87.2	87.2	87.2	87.4	87.4
GE 90	30.0	64.9	73.5	77.4	81.6	83.5	85.3	86.5	86.5	87.7	87.9	87.9	87.9	87.9	88.0	88.0
GE 80	30.0	65.1	73.9	77.9	82.8	84.7	86.8	88.0	88.0	89.2	89.4	89.4	89.4	89.4	89.5	89.5
GE 70	30.0	65.6	74.4	78.4	83.5	85.3	87.7	89.0	89.0	90.2	90.4	90.4	90.4	90.4	90.6	90.6
GE 60	30.0	66.1	74.9	78.9	84.1	86.2	88.7	90.2	90.2	91.4	91.6	91.6	91.6	91.6	91.7	91.7
GE 50	30.0	66.9	75.9	79.9	86.2	88.7	91.6	93.6	93.6	95.6	95.8	95.8	95.8	95.8	96.0	96.0
GE 40	30.0	66.9	76.1	80.1	86.3	88.9	91.9	94.1	94.1	96.5	96.8	96.8	96.8	96.8	97.0	97.0
GE 30	30.0	66.9	76.1	80.1	86.3	89.2	92.2	94.8	94.9	97.6	98.0	98.0	98.0	98.0	98.3	98.3
GE 20	30.0	66.9	76.1	80.1	86.3	89.2	92.2	94.9	95.1	98.1	98.5	98.5	98.5	98.5	99.0	99.0
GE 10	30.0	66.9	76.1	80.1	86.3	89.2	92.2	94.9	95.1	98.3	99.2	99.2	99.2	99.7	100.0	100.0
GE 0	30.0	66.9	76.1	80.1	86.3	89.2	92.2	94.9	95.1	98.3	99.2	99.2	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 593

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(IST): 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	40.5	52.8	55.6	57.2	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3
GE 2000	43.3	57.9	61.3	63.2	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.7	64.7	64.7	64.7
GE 1800	43.3	58.0	61.4	63.3	64.5	64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8
GE 1600	43.3	58.0	61.4	63.3	64.5	64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8
GE 1400	43.3	58.6	62.3	64.2	65.4	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7
GE 1200	43.5	59.3	63.2	65.1	66.6	66.6	66.6	66.7	66.8	66.8	66.8	66.8	66.9	66.9	66.9	66.9
GE 1000	44.6	62.2	66.7	68.8	70.5	70.5	70.7	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9
GE 900	44.6	62.3	66.8	68.9	70.6	70.6	70.8	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0
GE 800	45.3	64.3	69.0	71.2	72.9	72.9	73.1	73.2	73.2	73.2	73.2	73.2	73.4	73.4	73.4	73.4
GE 700	45.3	64.3	69.0	71.2	73.0	73.1	73.4	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.6
GE 600	45.7	65.4	70.1	72.4	74.1	74.2	74.5	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7
GE 500	46.6	66.7	71.7	73.9	75.8	76.1	76.4	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6
GE 450	46.9	67.2	72.4	74.6	76.6	76.9	77.1	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4
GE 400	47.5	68.1	73.4	75.8	77.8	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7
GE 350	47.8	68.6	73.9	76.4	78.4	78.8	79.2	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4
GE 300	48.3	69.7	75.1	77.6	80.0	80.6	80.9	81.0	81.0	81.0	81.0	81.0	81.2	81.2	81.2	81.2
GE 250	48.8	71.2	76.7	79.3	81.7	82.3	82.6	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8
GE 200	49.4	72.7	78.3	80.9	83.6	84.3	84.6	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8
GE 180	49.6	73.1	78.8	81.5	84.2	84.8	85.2	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4
GE 150	49.8	74.7	80.5	83.3	86.1	86.7	87.1	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4
GE 120	50.1	76.1	82.1	84.9	88.0	88.6	89.0	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3
GE 100	50.2	77.1	83.5	86.6	89.9	90.5	90.9	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2
GE 90	50.2	77.4	83.9	87.1	90.4	91.1	91.4	91.6	91.6	91.6	91.6	91.6	91.8	91.8	91.8	91.8
GE 80	50.2	77.6	84.3	87.4	90.9	91.6	92.0	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3
GE 70	50.2	77.7	84.5	87.6	91.2	92.1	92.4	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9
GE 60	50.2	77.8	84.8	88.0	91.8	93.0	93.5	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2
GE 50	50.2	77.9	85.2	88.3	92.3	93.8	95.0	96.2	96.2	96.8	96.8	96.8	96.9	96.9	96.9	96.9
GE 40	50.2	78.1	85.4	88.5	92.6	94.1	95.7	97.2	97.2	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 30	50.2	78.1	85.4	88.5	92.6	94.2	96.0	97.7	97.7	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 20	50.2	78.1	85.4	88.5	92.6	94.2	96.1	97.9	98.0	99.6	99.6	99.6	99.8	99.8	99.8	99.8
GE 10	50.2	78.1	85.4	88.5	92.6	94.2	96.1	97.9	98.0	99.6	99.7	99.7	99.9	99.9	99.9	99.9
GE 0	50.2	78.1	85.4	88.5	92.6	94.2	96.1	97.9	98.0	99.6	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 897

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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	40.1	50.2	51.6	52.6	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	
GE 20000	44.1	56.7	58.6	60.3	60.5	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	
GE 18000	44.1	56.7	58.6	60.3	60.5	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	
GE 16000	44.1	57.0	58.9	60.5	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	
GE 14000	44.6	58.2	60.1	61.8	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	
GE 12000	45.3	59.6	61.5	63.2	63.4	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	
GE 10000	46.4	62.5	64.9	66.6	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	
GE 9000	46.4	62.8	65.1	66.8	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	
GE 8000	47.2	64.4	67.3	69.1	69.3	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	
GE 7000	47.7	65.0	68.1	70.0	70.2	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	
GE 6000	49.1	67.2	70.3	72.2	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	
GE 5000	50.4	69.3	72.7	74.6	75.0	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	
GE 4500	51.6	70.8	74.1	76.1	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	
GE 4000	53.2	73.4	76.9	79.0	79.6	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	
GE 3500	54.2	74.5	78.0	80.2	80.7	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	
GE 3000	55.1	75.9	79.9	82.3	82.9	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	
GE 2500	55.7	77.4	81.5	83.8	84.5	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	
GE 2000	56.2	78.9	83.5	85.8	86.6	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	
GE 1800	56.2	79.3	83.8	86.2	87.0	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	
GE 1500	56.3	80.0	84.8	87.5	88.9	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	
GE 1200	56.3	80.7	85.5	88.4	90.1	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	
GE 1000	56.5	81.4	86.6	89.6	91.5	92.0	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	
GE 900	56.5	81.4	86.6	89.7	91.8	92.2	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	
GE 800	56.5	81.5	86.8	90.2	92.4	93.1	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
GE 700	56.5	81.5	86.8	90.3	92.5	93.3	93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	
GE 600	56.5	81.5	87.2	91.1	93.5	94.3	95.2	95.4	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	
GE 500	56.5	81.6	87.6	91.9	94.5	95.7	97.0	97.5	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	
GE 400	56.5	81.6	87.6	91.9	94.6	95.6	97.2	98.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 300	56.5	81.6	87.6	91.9	94.6	96.0	97.5	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	56.5	81.6	87.6	91.9	94.6	96.0	97.5	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	56.5	81.6	87.6	91.9	94.6	96.0	97.5	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	56.5	81.6	87.6	91.9	94.6	96.0	97.5	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 497

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-87  
 MONTH: APR HOURS (LST): 1500-1770

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 1/2	GE 3/8	GE 1/4	GE 1/8	GE 1/4	GE 1/2	GE 3/8	GE 1/4	GE 1/8	GE 1/4	GE 1/2	GE 3/8	GE 1/4	GE 1/8	GE 1/4	GE 1/2
NO CEIL	37.7	47.2	48.5	49.3	49.6	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 2000	42.2	56.1	57.9	59.2	59.6	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 1800	42.3	56.2	58.0	59.4	59.7	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 1600	42.3	56.2	58.0	59.4	59.7	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 1400	42.8	57.1	58.9	60.2	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 1200	43.4	58.5	60.3	61.6	62.3	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 1000	45.4	62.4	64.6	66.2	66.7	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 900	45.4	62.4	64.6	66.2	66.7	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 800	46.4	65.5	67.6	69.3	69.8	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 700	46.7	66.1	68.2	70.0	70.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 600	49.5	69.6	71.9	73.7	74.2	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 500	51.0	72.1	74.8	76.6	77.1	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 450	51.6	73.2	75.9	77.9	78.3	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 400	53.5	76.0	78.8	80.8	81.4	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 350	53.5	76.2	79.0	81.0	81.8	82.0	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 300	54.4	77.9	81.0	83.1	84.1	84.3	84.5	84.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 250	54.9	79.0	82.2	84.3	85.4	85.8	86.0	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 200	54.9	81.0	84.8	87.0	88.1	88.6	88.8	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 180	54.9	81.0	84.8	87.0	88.1	88.6	88.8	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 150	54.9	81.4	85.4	87.6	88.9	89.4	89.8	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 120	54.9	81.6	85.8	88.0	89.3	89.9	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 100	55.0	82.0	86.3	88.6	90.6	91.2	91.8	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 90	55.0	82.5	87.1	89.4	91.5	92.1	92.7	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 80	55.0	83.0	87.6	90.1	92.3	92.9	93.6	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 70	55.0	83.0	87.7	90.4	92.6	93.3	93.9	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 60	55.0	83.0	87.8	90.8	93.1	93.8	94.8	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 50	55.0	83.0	87.8	90.9	93.6	94.4	96.0	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 40	55.0	83.1	88.1	91.1	93.8	94.8	96.6	97.3	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 30	55.0	83.1	88.2	91.5	94.3	95.6	97.7	98.4	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 20	55.0	83.1	88.2	91.5	94.3	95.6	97.7	98.5	98.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	55.0	83.1	88.2	91.5	94.3	95.6	97.7	98.5	98.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7	55.0	83.1	88.2	91.5	94.3	95.6	97.7	98.5	98.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 822

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-83,86-87  
 MONTH: APR HOURS(LST): 1800-2400

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	37.4	50.8	53.1	54.1	54.7	54.9	54.9	54.9	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 2000	40.7	58.3	61.0	62.3	63.8	64.1	64.1	64.1	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 1800	40.7	58.3	61.0	62.3	63.8	64.1	64.1	64.1	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 1600	40.7	58.3	61.0	62.3	63.8	64.1	64.1	64.1	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 1400	41.0	58.8	61.4	62.7	64.4	64.7	64.7	64.7	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 1200	41.1	59.6	62.4	63.7	65.7	66.0	66.0	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 1000	43.2	63.7	67.1	68.8	70.8	71.0	71.0	71.0	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 900	43.4	63.8	67.2	68.9	70.9	71.2	71.2	71.2	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 800	44.2	66.7	70.2	72.0	74.0	74.3	74.3	74.3	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 700	44.5	67.4	70.9	72.7	74.9	75.1	75.1	75.1	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 600	45.3	68.9	72.9	74.7	77.0	77.3	77.3	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 500	46.9	71.0	75.1	77.0	79.8	80.1	80.1	80.1	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 450	47.7	72.3	76.4	78.4	81.2	81.5	81.5	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 400	48.4	73.2	77.5	79.5	82.5	82.9	82.9	82.9	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 350	48.6	74.0	78.4	80.4	83.3	83.8	83.8	83.8	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 300	48.9	75.7	80.1	82.1	85.0	85.5	85.5	85.5	85.5	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 250	49.0	76.1	80.8	82.8	86.2	86.7	86.7	86.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 200	49.0	77.4	82.2	84.5	88.0	88.6	88.6	88.6	88.6	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 180	49.0	77.5	82.3	84.6	88.1	88.7	88.7	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 150	49.2	78.0	83.3	85.9	89.4	90.0	90.0	90.0	90.0	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 120	49.3	78.2	83.6	86.2	89.7	90.3	90.3	90.3	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 100	49.3	78.2	83.6	86.4	90.1	90.8	91.2	91.2	91.5	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 90	49.3	78.4	83.6	86.6	90.3	91.0	91.7	91.7	91.9	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 80	49.3	79.0	84.3	87.3	91.1	91.8	92.5	92.5	92.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 70	49.4	79.4	84.7	87.9	91.7	92.4	93.1	93.4	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 60	49.4	79.5	84.9	88.0	92.1	92.9	93.6	94.4	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 50	49.4	79.5	85.2	88.4	92.7	93.8	94.5	95.3	95.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 40	49.4	79.5	85.3	88.7	92.9	94.1	94.8	96.2	96.5	97.2	97.3	97.3	97.3	97.3	97.3	97.3
GE 30	49.4	79.5	85.3	88.8	93.1	94.5	95.3	96.8	97.2	97.9	98.3	98.3	98.3	98.3	98.3	98.3
GE 20	49.4	79.5	85.3	88.8	93.1	94.5	95.8	97.5	97.9	98.7	99.3	99.3	99.3	99.3	99.3	99.3
GE 10	49.4	79.5	85.3	88.8	93.1	94.5	95.8	97.6	98.7	99.0	99.6	99.6	99.6	99.6	99.6	99.6
GE C	49.4	79.5	85.3	88.8	93.1	94.5	95.8	97.6	98.7	99.0	99.6	99.6	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 738

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-83,86-87  
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 5/16	GE 1/4	GE 0
NO CEIL	38.0	54.7	58.0	59.7	60.4	60.4	60.4	60.8	60.8	61.3	61.6	61.6	61.6	61.6	61.6	61.6
GE 2000	37.7	59.7	63.2	64.9	66.0	66.0	66.0	66.5	66.5	67.0	67.2	67.2	67.2	67.2	67.2	67.2
GE 1800	37.7	59.7	63.2	64.9	66.0	66.0	66.0	66.5	66.5	67.0	67.2	67.2	67.2	67.2	67.2	67.2
GE 1600	37.7	59.7	63.2	64.9	66.0	66.0	66.0	66.5	66.5	67.0	67.2	67.2	67.2	67.2	67.2	67.2
GE 1400	38.0	59.9	63.4	65.1	66.3	66.3	66.3	66.7	66.7	67.2	67.5	67.5	67.5	67.5	67.5	67.5
GE 1200	38.0	61.3	64.9	66.5	67.7	67.7	67.7	67.9	68.4	68.4	68.9	69.1	69.1	69.1	69.1	69.1
GE 1000	38.9	64.6	68.6	70.3	71.5	71.5	71.7	72.2	72.2	72.6	72.9	72.9	72.9	72.9	72.9	72.9
GE 900	39.4	65.1	69.1	70.8	71.9	71.9	72.2	72.6	72.6	73.1	73.3	73.3	73.3	73.3	73.3	73.3
GE 800	41.5	67.5	72.4	74.1	75.2	75.2	75.5	75.9	75.9	76.4	76.7	76.7	76.7	76.7	76.7	76.7
GE 700	42.0	68.2	73.1	74.8	75.9	75.9	76.2	76.7	76.7	77.1	77.4	77.4	77.4	77.4	77.4	77.4
GE 600	42.9	69.3	74.3	75.9	77.1	77.1	77.4	77.8	77.8	78.3	78.5	78.5	78.5	78.5	78.5	78.5
GE 500	43.4	71.2	76.2	77.8	79.2	79.2	79.5	80.0	80.0	80.4	80.7	80.7	80.7	80.7	80.7	80.7
GE 450	43.6	71.7	76.7	78.3	79.7	79.7	80.0	80.4	80.4	80.9	81.1	81.1	81.1	81.1	81.1	81.1
GE 400	44.3	72.9	78.1	80.0	81.6	81.6	81.8	82.3	82.3	82.8	83.0	83.0	83.0	83.0	83.0	83.0
GE 350	44.6	73.8	79.2	81.1	82.8	82.8	83.0	83.5	83.5	84.0	84.2	84.2	84.2	84.2	84.2	84.2
GE 300	44.6	74.1	79.7	81.8	83.7	83.7	84.0	84.4	84.4	84.9	85.1	85.1	85.1	85.1	85.1	85.1
GE 250	44.6	74.5	80.2	82.5	84.4	84.7	84.9	85.4	85.4	85.8	86.1	86.1	86.1	86.1	86.1	86.1
GE 200	44.6	75.0	80.9	83.3	85.1	85.6	86.1	86.6	86.6	87.0	87.3	87.3	87.3	87.3	87.3	87.3
GE 150	44.6	75.0	80.9	83.3	85.1	85.6	86.1	86.6	86.6	87.0	87.3	87.3	87.3	87.3	87.3	87.3
GE 100	44.8	76.2	82.3	84.9	86.8	87.3	87.7	88.2	88.2	88.7	88.9	88.9	88.9	88.9	88.9	88.9
GE 75	45.0	76.4	82.5	85.1	87.3	87.7	88.2	88.7	88.7	89.2	89.4	89.4	89.4	89.4	89.4	89.4
GE 50	45.0	77.4	83.7	86.3	88.7	89.4	89.9	90.3	90.3	90.8	91.0	91.0	91.0	91.0	91.0	91.0
GE 25	45.0	77.4	83.7	86.3	88.7	89.6	90.3	90.8	90.8	91.3	91.5	91.5	91.5	91.5	91.5	91.5
GE 10	45.3	77.6	84.3	86.6	88.9	89.9	90.6	91.0	91.0	91.5	91.7	91.7	91.7	91.7	91.7	91.7
GE 5	45.3	77.8	84.4	87.3	89.6	90.6	91.5	92.0	92.0	92.5	92.7	92.7	92.7	92.7	92.7	92.7
GE 0	45.3	78.1	84.7	87.7	90.3	91.3	92.2	92.9	92.9	93.4	93.6	93.6	93.6	93.6	93.6	93.6
GE 500	45.3	78.8	85.4	88.7	91.7	92.7	94.1	95.0	95.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2
GE 400	45.3	78.8	85.4	89.2	92.2	93.2	94.8	96.0	96.0	96.9	97.2	97.2	97.2	97.2	97.2	97.2
GE 300	45.3	78.8	85.4	89.2	92.2	93.2	94.8	96.0	96.0	96.9	97.2	97.2	97.2	97.2	97.2	97.2
GE 200	45.3	78.8	85.4	89.2	92.2	93.2	94.8	96.0	96.0	97.4	97.6	97.6	97.6	97.6	97.6	97.6
GE 100	45.3	78.8	85.4	89.2	92.2	93.2	94.8	96.0	96.0	97.9	98.1	98.1	98.6	98.6	99.3	99.3
GE 75	45.3	78.8	85.4	89.2	92.2	93.2	94.8	96.0	96.0	97.9	98.1	98.1	98.8	98.8	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 424

GLOBAL CLIMATOLOGY BRANCH  
 SAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	37.0	50.1	52.6	54.0	54.8	55.0	55.1	55.3	55.3	55.5	55.5	55.5	55.5	55.5	55.6	55.6	
GE 20000	40.1	56.5	59.5	61.3	62.4	62.6	62.8	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.3	63.3	
GE 18000	40.1	56.6	59.6	61.4	62.4	62.7	62.9	63.0	63.0	63.2	63.3	63.3	63.3	63.3	63.3	63.3	
GE 16000	40.1	56.6	59.6	61.4	62.5	62.7	62.9	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	
GE 14000	40.5	57.4	60.5	62.3	63.3	63.6	63.8	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	
GE 12000	40.9	58.5	61.6	63.5	64.7	65.0	65.2	65.4	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6	
GE 10000	42.2	62.0	65.6	67.6	68.8	69.2	69.5	69.6	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9	
GE 9000	42.3	62.1	65.7	67.7	69.0	69.3	69.6	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.1	70.1	
GE 8000	43.1	64.4	68.4	70.5	71.7	72.1	72.4	72.5	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.8	
GE 7000	43.4	64.9	68.9	71.0	72.3	72.7	73.0	73.1	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.4	
GE 6000	44.6	66.6	70.8	72.9	74.2	74.6	74.9	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.4	75.4	
GE 5000	45.7	68.4	72.8	75.0	76.5	76.9	77.3	77.4	77.4	77.6	77.7	77.7	77.7	77.7	77.7	77.7	
GE 4500	46.2	69.3	73.8	76.0	77.6	78.0	78.3	78.5	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	
GE 4000	47.3	71.0	75.6	77.9	79.6	80.1	80.5	80.6	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9	
GE 3500	47.6	71.6	76.2	78.6	80.3	80.8	81.2	81.4	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7	
GE 3000	48.1	72.8	77.7	80.1	82.0	82.6	83.0	83.2	83.2	83.5	83.5	83.5	83.5	83.5	83.6	83.6	
GE 2500	48.4	73.9	78.8	81.3	83.3	83.9	84.3	84.5	84.5	84.8	84.9	84.9	84.9	84.9	84.9	84.9	
GE 2000	48.7	75.3	80.5	83.0	85.2	85.9	86.3	86.5	86.5	86.8	86.9	86.9	86.9	86.9	86.9	86.9	
GE 1800	48.7	75.5	80.7	83.3	85.4	86.1	86.6	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.2	87.2	
GE 1500	48.8	76.3	81.9	84.6	87.0	87.7	88.2	88.4	88.4	88.7	88.7	88.7	88.8	88.8	88.8	88.8	
GE 1200	48.9	76.9	82.5	85.3	87.8	88.6	89.1	89.3	89.3	89.6	89.6	89.6	89.7	89.7	89.7	89.7	
GE 1000	49.0	77.4	83.3	86.2	89.1	89.8	90.5	90.7	90.8	91.1	91.2	91.2	91.2	91.2	91.2	91.2	
GE 900	49.0	77.6	83.6	86.6	89.5	90.3	91.0	91.2	91.3	91.7	91.7	91.7	91.7	91.7	91.8	91.8	
GE 800	49.0	77.9	84.0	87.1	90.2	91.1	91.8	92.1	92.2	92.6	92.6	92.6	92.6	92.6	92.7	92.7	
GE 700	49.0	78.1	84.2	87.4	90.6	91.5	92.4	92.7	92.8	93.2	93.3	93.3	93.3	93.3	93.3	93.3	
GE 600	49.0	78.3	84.5	87.9	91.2	92.3	93.3	94.0	94.1	94.5	94.5	94.5	94.5	94.5	94.6	94.6	
GE 500	49.0	78.5	84.9	88.4	92.2	93.5	95.0	95.9	96.0	96.8	96.8	96.8	96.8	96.8	96.8	96.8	
GE 400	49.0	78.6	85.1	88.6	92.4	93.8	95.4	96.8	96.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	
GE 300	49.0	78.6	85.1	88.7	92.5	94.1	95.9	97.4	97.5	98.8	99.0	99.0	99.0	99.0	99.0	99.0	
GE 200	49.0	78.6	85.1	88.7	92.5	94.1	96.0	97.6	97.7	99.2	99.4	99.4	99.4	99.4	99.5	99.5	
GE 100	49.0	78.6	85.1	88.7	92.5	94.1	96.0	97.6	97.7	99.3	99.6	99.6	99.7	99.7	99.8	99.8	
GE 0	49.0	78.6	85.1	88.7	92.5	94.1	96.0	97.6	97.7	99.3	99.6	99.6	99.8	99.8	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 4341

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

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 G
NO CEIL	13.8	29.1	32.8	38.1	44.1	45.9	47.2	48.3	48.3	48.8	49.0	49.0	49.4	49.4	49.7	49.7
GE 20000	15.0	33.1	38.2	44.1	51.4	53.5	54.9	56.0	56.0	56.6	56.7	56.7	57.2	57.2	57.4	57.4
GE 18000	15.0	33.1	38.2	44.1	51.4	53.5	54.9	56.0	56.0	56.6	56.7	56.7	57.2	57.2	57.4	57.4
GE 16000	15.0	33.1	38.2	44.1	51.4	53.5	54.9	56.0	56.0	56.6	56.7	56.7	57.2	57.2	57.4	57.4
GE 14000	15.3	35.0	40.4	46.5	53.9	56.0	57.4	58.6	58.6	59.1	59.3	59.3	59.7	59.7	60.0	60.0
GE 12000	15.4	35.1	40.6	46.9	54.4	56.5	58.0	59.1	59.1	59.7	59.8	59.8	60.3	60.3	60.5	60.5
GE 10000	16.4	38.2	44.7	51.6	59.6	62.3	63.9	65.4	65.4	66.0	66.1	66.1	66.6	66.6	66.8	66.8
GE 9000	16.4	38.2	44.7	51.6	59.6	62.3	63.9	65.4	65.4	66.0	66.1	66.1	66.6	66.6	66.8	66.8
GE 8000	16.7	39.0	45.9	53.1	61.2	64.0	65.6	67.1	67.1	67.7	67.8	67.8	68.3	68.3	68.5	68.5
GE 7000	16.9	39.7	46.6	53.9	62.0	64.8	66.4	67.9	67.9	68.6	68.8	68.8	69.2	69.2	69.4	69.4
GE 6000	17.2	40.2	47.2	54.5	62.7	65.5	67.2	68.9	68.9	69.6	69.7	69.7	70.1	70.1	70.4	70.4
GE 5000	17.4	40.7	48.0	55.4	63.8	66.7	68.4	70.0	70.0	70.8	70.9	70.9	71.4	71.4	71.6	71.6
GE 4500	17.4	40.9	48.5	55.9	64.2	67.1	68.9	70.5	70.5	71.3	71.4	71.4	71.9	71.9	72.1	72.1
GE 4000	17.6	41.6	49.5	57.4	66.2	69.1	70.9	72.7	72.7	73.5	73.6	73.6	74.1	74.1	74.3	74.3
GE 3500	17.7	42.1	50.1	58.3	67.1	70.0	71.9	73.6	73.6	74.4	74.5	74.5	75.0	75.0	75.2	75.2
GE 3000	17.8	43.1	51.3	59.7	69.1	72.0	74.1	75.9	75.9	76.7	76.9	76.9	77.3	77.3	77.5	77.5
GE 2500	17.8	43.6	52.1	60.6	70.0	73.0	75.1	77.0	77.0	77.8	77.9	77.9	78.4	78.4	78.6	78.6
GE 2000	17.9	44.1	53.0	61.6	70.9	74.1	76.3	78.1	78.1	78.9	79.1	79.1	79.5	79.5	79.7	79.7
GE 1800	17.9	44.2	53.1	61.7	71.2	74.3	76.5	78.4	78.4	79.2	79.3	79.3	79.7	79.7	80.0	80.0
GE 1500	18.2	44.8	53.8	62.8	72.6	76.4	78.7	80.6	80.6	81.4	81.5	81.5	81.9	81.9	82.2	82.2
GE 1200	18.2	44.8	54.1	63.4	73.1	77.1	79.5	81.4	81.4	82.2	82.3	82.3	82.8	82.8	83.0	83.0
GE 1000	18.5	45.8	55.8	65.3	75.1	79.1	81.6	83.6	83.6	84.4	84.5	84.5	85.0	85.0	85.2	85.2
GE 900	18.5	45.9	56.1	65.9	75.7	79.7	82.4	84.4	84.4	85.2	85.3	85.3	85.8	85.8	86.0	86.0
GE 800	18.6	46.5	56.8	66.9	77.0	81.1	83.8	85.9	85.9	86.8	86.9	86.9	87.4	87.4	87.6	87.6
GE 700	18.6	46.5	57.2	67.2	77.9	82.4	85.2	87.4	87.4	88.3	88.4	88.4	88.9	88.9	89.1	89.1
GE 600	18.6	47.1	58.1	68.5	79.3	84.1	87.0	89.4	89.4	90.5	90.6	90.6	91.1	91.1	91.3	91.3
GE 500	18.8	47.7	59.0	69.8	80.9	86.5	89.7	92.5	92.5	93.8	93.9	93.9	94.3	94.3	94.6	94.6
GE 400	18.8	47.7	59.1	69.9	81.4	87.3	90.7	93.6	93.6	95.4	95.5	95.5	95.9	95.9	96.3	96.3
GE 300	18.8	47.7	59.1	69.9	81.4	87.4	91.3	94.6	94.6	96.6	97.2	97.2	97.7	97.7	98.1	98.1
GE 200	18.8	47.7	59.1	69.9	81.4	87.4	91.4	94.9	94.9	97.7	98.3	98.3	98.7	98.7	99.2	99.2
GE 100	18.8	47.7	59.1	69.9	81.4	87.4	91.4	94.9	94.9	97.7	98.3	98.3	98.8	98.8	99.4	99.4
GE	18.8	47.7	59.1	69.9	81.4	87.4	91.4	94.9	94.9	97.7	98.3	98.3	98.8	98.8	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 864

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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	31.5	43.4	48.1	50.6	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 20000	35.2	50.4	55.9	59.1	61.7	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 18000	35.2	50.4	55.9	59.1	61.7	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 16000	35.2	50.4	55.9	59.1	61.7	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 14000	35.3	51.2	56.8	60.0	62.7	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 12000	35.5	51.7	57.3	60.5	63.2	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 10000	36.6	54.5	60.8	64.5	67.3	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 9000	36.6	54.5	60.8	64.5	67.3	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 8000	37.2	55.8	62.0	65.8	68.6	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 7000	37.6	56.7	63.0	67.0	69.8	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 6000	38.0	57.1	63.5	67.7	70.9	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 5000	38.4	58.4	64.9	69.1	72.4	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 4500	38.4	58.8	65.4	69.6	72.8	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 4000	38.5	59.4	66.0	70.2	73.5	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 3500	39.0	60.2	67.1	71.4	74.7	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 3000	39.6	61.9	69.1	73.4	76.9	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 2500	40.5	63.5	70.9	75.3	78.8	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 2000	41.5	65.3	72.9	77.4	81.1	81.5	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 1800	41.5	65.7	73.4	78.1	81.7	82.2	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 1500	42.2	68.6	76.7	81.6	85.6	86.3	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1200	42.2	68.9	77.2	82.4	86.5	87.4	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1000	42.8	70.6	79.6	84.9	89.0	90.3	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 900	42.8	70.8	79.8	85.2	89.4	90.8	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 800	42.8	71.3	81.0	86.7	91.2	92.9	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 700	43.0	71.9	81.7	87.4	92.0	93.8	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 600	43.0	72.0	81.9	87.7	92.8	94.6	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 500	43.0	72.4	82.6	88.5	94.3	96.6	97.5	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 400	43.0	72.4	82.6	88.5	94.4	97.0	98.0	99.0	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 300	43.0	72.4	82.6	88.5	94.4	97.2	98.3	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 200	43.0	72.4	82.6	88.5	94.4	97.2	98.3	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	43.0	72.4	82.6	88.5	94.4	97.2	98.3	99.4	99.4	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: 746941 STATION NAME: ELIZABETH CITY NC

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	34.5	44.0	48.0	49.2	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 20000	38.4	51.0	55.8	57.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 18000	38.4	51.0	55.8	57.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 16000	38.4	51.0	55.8	57.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 14000	39.1	52.3	57.1	58.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 12000	39.4	53.3	58.3	60.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 10000	40.6	56.5	61.6	63.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 9000	40.6	56.5	61.6	63.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 8000	41.7	58.0	63.1	65.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 7000	42.4	58.8	64.4	66.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 6000	42.7	59.4	65.1	67.1	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 5000	44.1	61.7	67.7	70.0	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 4500	44.3	62.3	68.3	70.6	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 4000	45.7	64.2	70.9	73.4	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 3500	46.6	66.1	73.4	76.1	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 3000	48.2	69.7	77.2	80.1	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 2500	48.6	71.8	79.5	82.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 2000	49.2	74.2	82.2	85.4	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1800	49.6	74.6	82.6	86.0	88.3	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1500	50.5	76.8	84.9	88.7	91.5	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1200	50.6	77.5	85.9	89.8	92.7	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1000	50.6	78.6	87.4	91.5	94.4	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 900	50.6	78.9	87.8	91.9	94.8	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 800	50.6	78.9	87.8	91.9	94.9	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 700	50.8	79.2	88.4	92.5	95.6	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 600	50.8	79.5	88.6	92.7	96.1	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 500	50.8	79.7	88.8	92.9	96.6	97.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 400	50.8	79.7	88.8	92.9	96.7	98.2	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	50.8	79.7	88.8	92.9	97.0	98.5	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	50.8	79.7	88.8	92.9	97.0	98.5	99.4	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	50.8	79.7	88.8	92.9	97.0	98.5	99.4	99.6	99.6	99.8	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: 746941 STATION NAME: ELIZABETH CITY NC

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	31.4	41.0	46.5	47.7	48.2	46.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 2000	37.8	51.4	57.6	59.4	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 1800	37.8	51.4	57.6	59.4	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 1600	37.8	51.4	57.6	59.4	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 1400	38.6	52.3	58.9	60.6	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 1200	39.0	53.8	60.4	62.2	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 1000	42.7	61.1	69.0	71.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 900	42.7	61.1	69.0	71.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 800	43.7	63.0	70.9	73.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 700	44.4	63.9	71.8	73.9	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 600	44.9	65.3	73.5	75.7	76.8	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 500	46.1	67.2	75.8	78.1	79.2	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 450	47.1	68.6	77.3	79.6	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 400	48.5	70.3	79.1	81.4	82.5	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 350	49.1	71.6	80.9	83.3	84.6	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 300	49.9	73.9	83.9	86.5	87.8	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 250	50.1	74.8	85.2	87.8	89.4	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 200	50.3	75.6	86.2	88.9	90.4	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 180	50.3	75.7	86.3	89.1	90.6	90.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 150	50.5	76.5	87.6	90.9	92.5	92.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 120	50.5	77.1	88.5	91.8	93.5	93.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 100	50.6	77.5	89.2	92.5	94.3	94.8	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 90	50.6	77.7	89.5	92.8	94.6	95.1	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 80	50.9	78.2	90.1	93.5	95.4	95.9	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 70	50.9	78.2	90.6	94.1	96.2	96.7	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 60	50.9	78.2	90.8	94.2	96.3	97.0	97.7	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 50	50.9	78.2	90.8	94.6	96.7	97.3	98.5	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 40	50.9	78.2	90.8	94.6	96.8	97.6	98.7	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 30	50.9	78.2	90.6	94.6	96.8	97.7	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	50.9	78.2	90.8	94.6	96.8	97.7	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	50.9	78.2	90.8	94.6	96.8	97.7	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 790

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-83,86-87  
 MONTH: MAY HOURS(LST): 1800-2400

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	45.0	51.8	53.3	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 20000	33.5	52.9	61.2	63.5	65.4	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 18000	33.5	52.9	61.2	63.5	65.4	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 16000	33.5	52.9	61.2	63.5	65.4	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 14000	33.9	54.1	62.4	64.7	66.7	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 12000	34.6	55.8	64.7	67.2	69.1	69.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 10000	37.5	61.3	71.1	73.8	76.0	76.0	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 9000	37.5	61.3	71.1	73.8	76.0	76.0	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 8000	38.2	62.5	72.7	75.6	77.8	77.8	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 7000	38.3	63.4	73.6	76.4	78.7	78.7	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 6000	38.4	64.6	74.9	77.8	80.0	80.0	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 5000	39.3	66.0	76.7	79.8	82.1	82.1	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 4500	39.4	66.4	77.1	80.2	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 4000	39.7	67.4	78.4	81.7	84.3	84.3	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 3500	39.9	68.6	79.6	82.9	85.7	85.8	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 3000	40.1	69.0	80.0	83.6	86.6	86.8	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 2500	40.2	69.1	80.2	83.7	87.1	87.2	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 2000	40.6	69.6	80.9	85.0	88.4	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1800	40.6	69.7	81.0	85.3	88.7	89.0	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1500	40.8	70.5	82.0	86.4	90.1	90.5	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1200	40.9	71.1	82.5	86.9	90.6	91.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1000	41.1	71.9	83.3	87.7	91.5	92.0	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 900	41.2	72.5	84.0	88.4	92.1	92.7	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 800	41.3	72.9	84.6	89.1	92.8	93.4	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 700	41.3	72.9	84.7	89.3	93.0	93.7	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 600	41.3	73.0	85.0	89.5	93.4	94.2	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 500	41.3	73.0	85.1	89.7	94.2	95.5	97.0	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 400	41.3	73.1	85.3	89.8	94.4	95.6	97.4	98.6	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9
GE 300	41.3	73.1	85.3	89.8	94.4	95.6	97.4	98.8	98.8	99.4	99.4	99.6	99.6	99.7	99.7	99.7
GE 200	41.3	73.1	85.3	89.8	94.4	95.6	97.4	98.8	98.8	99.6	99.6	99.9	99.9	100.0	100.0	100.0
GE 100	41.3	73.1	85.3	89.8	94.4	95.6	97.4	98.8	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE	41.3	73.1	85.3	89.8	94.4	95.6	97.4	98.8	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 726

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-83,86-87  
 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	27.4	52.0	56.5	57.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 2000	27.8	56.9	62.5	64.5	67.3	67.3	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 1800	27.8	56.9	62.5	64.5	67.3	67.3	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 1600	27.8	56.9	62.5	64.5	67.3	67.3	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 1400	27.8	57.7	63.3	65.3	68.1	68.1	68.1	68.5	68.5	68.5	68.5	68.5	68.5	66.5	68.5	68.5
GE 1200	28.2	58.5	64.1	66.5	69.4	69.4	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 1000	30.2	63.3	69.4	72.2	75.0	75.0	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 900	30.2	63.3	69.4	72.2	75.0	75.0	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 800	30.6	64.5	71.0	73.8	76.6	76.6	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 700	31.5	66.1	73.0	75.8	78.6	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 600	31.9	68.1	75.0	77.8	80.6	80.6	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 500	33.1	69.8	77.0	79.8	82.7	82.7	82.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 450	33.1	70.2	77.4	80.2	83.1	83.1	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 400	33.9	72.2	79.8	82.7	85.5	85.5	85.5	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 350	33.9	72.6	80.6	83.5	86.3	86.3	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 300	33.9	73.0	81.0	83.9	87.5	87.5	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 250	33.9	73.0	81.0	84.3	87.9	87.9	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 200	33.9	73.4	81.5	84.7	88.3	88.7	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 180	33.9	73.4	81.5	84.7	88.7	89.1	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 150	33.9	73.4	81.9	85.1	89.1	89.5	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 120	34.7	75.0	83.5	86.7	90.7	91.1	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 100	34.7	75.4	83.9	87.1	91.1	91.5	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 90	35.1	75.8	84.3	87.5	91.5	91.9	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 80	35.1	75.8	84.3	87.5	91.5	91.9	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 70	35.1	76.2	84.7	87.9	91.9	92.3	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 60	35.1	76.6	85.1	88.3	92.7	93.1	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 50	35.1	77.0	86.3	89.5	94.4	94.8	96.0	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 40	35.1	77.0	86.3	89.5	94.4	94.8	96.0	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 30	35.1	77.0	86.3	89.5	94.4	94.8	96.4	98.0	98.0	98.4	98.4	98.4	98.4	98.8	98.8	98.8
GE 20	35.1	77.0	86.3	89.5	94.4	94.8	96.4	98.0	98.0	98.4	98.8	98.8	99.2	99.2	99.2	99.2
GE 10	35.1	77.0	86.3	89.5	94.4	94.8	96.4	98.0	98.0	98.8	99.2	99.2	99.6	99.6	100.0	100.0
GE 0	35.1	77.0	86.3	89.5	94.4	94.8	96.4	98.0	98.0	98.8	99.2	99.2	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 248

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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 5/16	GE 1/4	GE 0
NO CEIL	28.1	41.1	45.9	48.2	50.2	50.6	50.8	51.0	51.0	51.1	51.2	51.2	51.2	51.2	51.3	51.3
GE 20000	31.8	48.1	54.0	57.0	59.7	60.2	60.6	60.8	60.8	60.9	61.0	61.0	61.1	61.1	61.1	61.1
GE 18000	31.8	48.1	54.0	57.0	59.7	60.2	60.6	60.8	60.8	60.9	61.0	61.0	61.1	61.1	61.1	61.1
GE 16000	31.8	48.1	54.0	57.0	59.7	60.2	60.6	60.8	60.8	60.9	61.0	61.0	61.1	61.1	61.1	61.1
GE 14000	32.2	49.3	55.3	58.4	61.1	61.7	62.0	62.3	62.3	62.4	62.4	62.4	62.5	62.5	62.5	62.5
GE 12000	32.5	50.2	56.4	59.5	62.3	62.8	63.2	63.5	63.5	63.6	63.6	63.6	63.7	63.7	63.7	63.7
GE 10000	34.4	54.5	61.4	65.0	68.0	68.6	69.1	69.4	69.4	69.5	69.5	69.5	69.6	69.6	69.6	69.6
GE 9000	34.4	54.5	61.4	65.0	68.0	68.6	69.1	69.4	69.4	69.5	69.5	69.5	69.6	69.6	69.6	69.6
GE 8000	35.1	55.9	62.9	66.5	69.6	70.3	70.7	71.0	71.0	71.1	71.1	71.1	71.2	71.2	71.3	71.3
GE 7000	35.6	56.7	63.9	67.6	70.7	71.3	71.8	72.1	72.1	72.2	72.3	72.3	72.3	72.3	72.4	72.4
GE 6000	35.9	57.6	65.0	68.6	71.9	72.5	73.0	73.4	73.4	73.5	73.5	73.5	73.6	73.6	73.6	73.6
GE 5000	36.7	59.1	66.8	70.6	73.9	74.6	75.1	75.4	75.4	75.6	75.6	75.6	75.7	75.7	75.7	75.7
GE 4500	37.0	59.6	67.4	71.2	74.6	75.3	75.8	76.1	76.1	76.3	76.3	76.3	76.4	76.4	76.4	76.4
GE 4000	37.7	60.9	68.9	72.9	76.4	77.2	77.7	78.0	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3
GE 3500	38.1	62.0	70.3	74.5	78.0	78.8	79.3	79.7	79.7	79.8	79.9	79.9	79.9	79.9	80.0	80.0
GE 3000	38.7	63.8	72.4	76.7	80.5	81.3	81.9	82.2	82.2	82.4	82.4	82.4	82.5	82.5	82.6	82.6
GE 2500	39.1	64.8	73.6	78.0	82.0	82.8	83.4	83.8	83.8	84.0	84.0	84.0	84.1	84.1	84.1	84.1
GE 2000	39.5	66.0	75.1	79.7	83.7	84.6	85.2	85.6	85.6	85.8	85.8	85.8	85.9	85.9	85.9	85.9
GE 1800	39.6	66.2	75.4	80.0	84.1	85.0	85.7	86.1	86.1	86.3	86.3	86.3	86.4	86.4	86.5	86.5
GE 1500	40.1	67.7	77.0	82.1	86.5	87.6	88.4	88.8	88.8	89.0	89.0	89.0	89.1	89.1	89.1	89.1
GE 1200	40.2	68.2	77.7	82.9	87.3	88.7	89.5	89.9	89.9	90.1	90.1	90.1	90.2	90.2	90.2	90.2
GE 1000	40.4	69.2	79.2	84.4	88.9	90.3	91.2	91.6	91.6	91.8	91.8	91.8	91.9	91.9	92.0	92.0
GE 900	40.4	69.5	79.5	84.8	89.3	90.8	91.7	92.2	92.2	92.4	92.4	92.4	92.5	92.5	92.6	92.6
GE 800	40.5	69.8	80.1	85.6	90.3	91.8	92.8	93.4	93.4	93.5	93.6	93.6	93.7	93.7	93.7	93.7
GE 700	40.6	70.1	80.6	86.1	90.9	92.6	93.6	94.3	94.3	94.5	94.5	94.5	94.6	94.6	94.6	94.6
GE 600	40.6	70.3	80.9	86.5	91.6	93.4	94.5	95.2	95.2	95.5	95.5	95.5	95.6	95.6	95.6	95.6
GE 500	40.6	70.5	81.4	87.1	92.6	94.7	96.3	97.3	97.3	97.7	97.7	97.7	97.8	97.8	97.8	97.9
GE 400	40.6	70.5	81.4	87.2	92.8	95.1	96.7	97.9	97.9	98.5	98.5	98.5	98.6	98.6	98.7	98.7
GE 300	40.6	70.5	81.4	87.2	92.8	95.3	97.0	98.3	98.3	99.1	99.2	99.2	99.4	99.4	99.5	99.5
GE 200	40.6	70.5	81.4	87.2	92.8	95.3	97.0	98.4	98.4	99.3	99.6	99.6	99.7	99.7	99.8	99.8
GE 100	40.6	70.5	81.4	87.2	92.8	95.3	97.0	98.4	98.4	99.4	99.6	99.6	99.8	99.8	99.9	99.9
GE 0	40.6	70.5	81.4	87.2	92.8	95.3	97.0	98.4	98.4	99.4	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 4488

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

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	15.4	32.5	39.2	45.6	51.3	55.3	57.4	58.2	58.2	58.7	58.7	58.7	58.8	58.8	58.8	58.8
GE 20000	16.7	36.5	44.4	51.8	58.4	63.2	65.8	66.8	66.8	67.3	67.3	67.3	67.4	67.4	67.4	67.4
GE 18000	16.7	36.5	44.4	51.8	58.4	63.2	65.8	66.8	66.8	67.3	67.3	67.3	67.4	67.4	67.4	67.4
GE 16000	16.7	36.5	44.4	51.8	58.4	63.2	65.8	66.8	66.8	67.3	67.3	67.3	67.4	67.4	67.4	67.4
GE 14000	16.7	36.5	44.7	52.4	59.2	63.9	66.5	67.5	67.5	68.0	68.0	68.0	68.2	68.2	68.2	68.2
GE 12000	16.7	36.8	45.2	52.9	59.9	64.7	67.3	68.3	68.3	68.8	68.8	68.8	68.9	68.9	68.9	68.9
GE 10000	17.9	41.4	50.9	59.8	67.8	73.2	75.9	77.0	77.0	77.5	77.5	77.5	77.7	77.7	77.7	77.7
GE 9000	17.9	41.7	51.2	60.0	68.0	73.4	76.2	77.3	77.3	77.8	77.8	77.8	77.9	77.9	77.9	77.9
GE 8000	18.1	42.9	52.8	61.8	70.0	75.7	78.4	79.5	79.5	80.0	80.0	80.0	80.1	80.1	80.1	80.1
GE 7000	18.2	43.2	53.1	62.0	70.7	76.3	79.0	80.1	80.1	80.6	80.6	80.6	80.8	80.8	80.8	80.8
GE 6000	18.2	43.6	53.4	62.7	71.3	76.9	79.8	80.9	80.9	81.4	81.4	81.4	81.5	81.5	81.5	81.5
GE 5000	18.4	43.9	53.9	63.4	72.7	78.5	81.4	82.6	82.6	83.1	83.1	83.1	83.3	83.3	83.3	83.3
GE 4500	18.4	44.1	54.2	63.8	73.0	78.9	81.8	83.0	83.0	83.5	83.5	83.5	83.6	83.6	83.6	83.6
GE 4000	18.7	44.8	55.1	64.7	74.0	79.9	82.8	84.1	84.1	84.6	84.6	84.6	84.8	84.8	84.8	84.8
GE 3500	18.7	44.8	55.1	64.7	74.0	79.9	82.8	84.1	84.1	84.6	84.6	84.6	84.8	84.8	84.8	84.8
GE 3000	19.1	45.3	55.7	65.3	74.8	80.6	83.6	85.1	85.1	85.6	85.6	85.6	85.8	85.8	85.8	85.8
GE 2500	19.1	45.8	56.4	66.0	75.7	81.5	84.6	86.1	86.1	86.6	86.6	86.6	86.8	86.8	86.8	86.8
GE 2000	19.4	46.6	57.2	66.8	76.4	82.3	85.5	87.0	87.0	87.5	87.5	87.5	87.6	87.6	87.6	87.6
GE 1800	19.5	46.8	57.4	67.0	76.7	82.5	85.8	87.3	87.3	87.8	87.8	87.8	87.9	87.9	87.9	87.9
GE 1500	20.1	48.1	59.1	68.8	78.4	84.3	87.5	89.0	89.0	89.5	89.5	89.5	89.6	89.6	89.6	89.6
GE 1200	20.1	48.4	59.6	69.4	79.2	85.0	88.3	89.8	89.8	90.3	90.3	90.3	90.4	90.4	90.4	90.4
GE 1000	20.2	49.9	61.2	71.3	81.1	87.3	90.6	92.3	92.3	92.8	92.8	92.8	92.9	92.9	92.9	92.9
GE 900	20.2	50.1	61.4	71.5	81.8	87.9	91.3	93.0	93.0	93.5	93.5	93.5	93.6	93.6	93.6	93.6
GE 800	20.2	50.4	61.8	72.3	83.1	89.4	92.9	94.6	94.6	95.3	95.3	95.3	95.4	95.4	95.4	95.4
GE 700	20.2	50.6	62.0	72.5	83.5	89.9	93.5	95.4	95.4	96.1	96.1	96.1	96.3	96.3	96.3	96.3
GE 600	20.3	50.7	62.4	72.9	84.0	90.4	94.1	96.0	96.0	96.8	96.8	96.8	96.9	96.9	96.9	96.9
GE 500	20.3	50.8	62.5	73.3	84.6	91.1	95.3	97.3	97.3	98.0	98.0	98.1	98.4	98.4	98.4	98.4
GE 400	20.3	50.8	62.5	73.3	84.6	91.4	95.6	97.8	97.9	98.8	98.8	98.9	99.1	99.1	99.1	99.1
GE 300	20.3	50.8	62.5	73.3	84.8	91.6	95.9	98.3	98.4	99.4	99.4	99.5	99.8	99.8	99.8	99.8
GE 200	20.3	50.8	62.5	73.3	84.8	91.6	95.9	98.3	98.4	99.4	99.4	99.5	99.8	99.8	99.8	99.8
GE 100	20.3	50.8	62.5	73.3	84.8	91.6	95.9	98.3	98.4	99.4	99.4	99.5	99.9	99.9	99.9	99.9
GE 0	20.3	50.8	62.5	73.3	84.8	91.6	95.9	98.3	98.4	99.4	99.4	99.5	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 801

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM FOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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	28.2	41.1	47.2	53.0	59.6	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 2000	32.3	48.0	55.6	62.1	69.2	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 1800	32.3	48.0	55.6	62.1	69.2	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 1600	32.3	48.0	55.6	62.1	69.2	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 1400	32.9	49.1	56.7	63.2	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 1200	33.0	49.3	57.0	63.6	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 1000	34.4	52.7	61.4	68.6	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 900	34.4	52.7	61.4	68.6	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 800	35.3	55.0	64.0	71.1	78.9	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 700	35.7	55.3	64.3	71.4	79.4	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 600	35.8	55.8	64.8	71.9	79.9	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 500	36.0	56.2	65.4	72.7	80.9	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 450	36.1	56.3	65.6	72.9	81.1	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 400	36.4	56.7	66.0	73.3	81.6	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 350	36.7	57.0	66.3	73.7	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 300	36.8	57.6	67.1	74.6	82.8	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 250	37.6	59.2	68.8	76.3	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 200	38.6	61.4	71.6	79.1	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 180	38.7	62.2	72.3	79.9	88.4	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 150	39.0	64.1	74.7	82.2	91.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 120	39.3	65.0	75.7	83.3	92.7	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 100	47.0	66.2	76.9	84.8	94.3	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 90	40.0	66.2	76.9	84.8	94.4	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 80	40.4	67.0	77.7	85.7	95.7	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 70	40.4	67.1	77.8	86.0	96.1	97.2	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 60	40.4	67.2	78.1	86.4	96.7	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 50	40.4	67.3	78.3	86.9	97.3	98.4	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 40	40.4	67.3	78.3	86.9	97.4	98.7	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 30	40.4	67.3	78.3	86.9	97.4	98.7	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	40.4	67.3	78.3	86.9	97.4	98.7	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	40.4	67.3	78.3	86.9	97.4	98.7	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	40.4	67.3	78.3	86.9	97.4	98.7	99.1	99.7	99.8	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: 746941 STATION NAME: ELIZABETH CITY NC

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

NO	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	28.1	37.8	44.9	50.3	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE	20000	33.6	46.0	54.6	60.7	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE	18000	33.6	46.0	54.6	60.7	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE	16000	33.6	46.0	54.6	60.7	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE	14000	34.0	46.8	55.3	61.4	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE	12000	34.4	47.7	56.2	62.4	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE	10000	37.1	52.6	61.9	69.3	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE	9000	37.1	52.6	61.9	69.3	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE	8000	38.1	54.1	63.7	71.6	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE	7000	38.4	54.6	64.2	72.1	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE	6000	38.6	55.0	64.7	72.6	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE	5000	39.6	56.6	66.3	74.2	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE	4500	39.7	56.7	66.4	74.4	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE	4000	40.7	58.0	68.1	76.2	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE	3500	41.0	59.0	69.7	78.1	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE	3000	41.8	61.2	72.7	82.2	87.6	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE	2500	43.0	63.1	75.7	85.4	91.0	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE	2000	43.2	64.9	77.8	87.6	93.3	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE	1800	44.0	65.8	78.8	88.6	94.3	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE	1500	44.4	66.8	79.8	89.9	95.9	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE	1200	44.6	67.3	80.3	90.7	96.8	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE	1000	44.6	67.3	80.4	90.8	96.9	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE	900	44.6	67.3	80.4	90.8	97.0	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE	800	44.6	67.4	80.8	91.1	97.3	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE	700	44.6	67.4	80.9	91.2	97.4	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE	600	44.6	67.6	81.1	91.7	98.2	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	500	44.6	67.6	81.1	91.7	98.2	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	400	44.6	67.6	81.1	91.7	98.3	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	300	44.6	67.6	81.1	91.7	98.3	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	200	44.6	67.6	81.1	91.7	98.3	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	100	44.6	67.6	81.1	91.7	98.3	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	0	44.6	67.6	81.1	91.7	98.3	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

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: 746941 STATION NAME: ELIZABETH CITY NC

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 1/16	GE 1/4	GE 0
NO CEIL	27.8	38.2	45.6	52.7	55.3	56.0	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 20000	32.9	46.3	56.1	64.8	68.3	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
GE 18000	32.9	46.3	56.1	64.8	68.3	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
GE 16000	32.9	46.3	56.1	64.8	68.3	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
GE 14000	33.0	46.6	56.4	65.1	68.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 12000	33.3	47.0	56.9	65.8	69.3	70.3	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 10000	34.8	50.8	61.0	70.6	74.0	75.0	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 9000	34.8	50.8	61.0	70.6	74.0	75.0	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 8000	36.1	53.1	63.5	73.3	76.9	77.9	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 7000	36.4	53.8	64.2	74.2	77.8	78.8	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 6000	36.9	54.5	64.9	75.2	78.9	79.9	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	37.4	55.4	65.8	76.0	79.9	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5
GE 4500	37.4	55.6	66.1	76.3	80.4	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1
GE 4000	39.1	58.2	69.1	80.2	85.0	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.9	86.9	86.9	86.9
GE 3500	39.4	59.0	70.3	82.0	86.7	88.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6
GE 3000	40.5	60.6	73.2	85.1	90.6	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6
GE 2500	41.8	62.0	74.7	86.9	92.4	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.4
GE 2000	42.1	62.6	75.5	87.6	93.1	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2
GE 1800	42.1	62.8	75.6	87.7	93.2	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.4	95.4	95.4	95.4
GE 1500	42.6	63.8	77.2	89.6	95.1	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4
GE 1200	42.7	63.9	77.3	89.9	95.4	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.7	97.7	97.7	97.7
GE 1000	42.7	64.2	77.8	90.6	96.2	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6
GE 900	42.7	64.2	77.8	90.6	96.2	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 800	42.7	64.2	77.8	90.6	96.4	98.0	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0
GE 700	42.9	64.4	77.9	90.8	96.5	98.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
GE 600	42.9	64.4	78.1	90.9	96.7	98.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 500	42.9	64.4	78.1	90.9	96.7	98.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 400	42.9	64.4	78.1	90.9	96.7	98.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 300	42.9	64.4	78.1	90.9	96.7	98.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 200	42.9	64.4	78.1	90.9	96.7	98.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 100	42.9	64.4	78.1	90.9	96.7	98.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 0	42.9	64.4	78.1	90.9	96.7	98.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 693

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-83,86-87  
 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	25.0	38.2	46.4	53.1	57.2	59.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 2000	29.4	45.5	56.0	63.5	68.4	70.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 1800	29.4	45.5	56.0	63.5	68.4	70.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 1600	29.4	45.5	56.0	63.5	68.4	70.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 1400	29.8	46.4	57.0	64.6	69.5	72.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 1200	29.8	46.5	57.2	64.8	69.7	72.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 1000	30.6	49.9	62.1	70.7	76.1	78.8	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 900	30.6	49.9	62.1	70.7	76.1	78.8	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 800	31.3	51.4	64.0	72.8	78.3	81.0	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 700	31.5	52.6	65.1	73.9	79.7	82.4	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 600	31.6	53.0	65.7	74.6	80.4	83.1	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 500	31.6	53.3	66.3	75.6	81.4	84.1	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 450	31.6	53.5	66.5	75.8	81.6	84.3	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 400	32.5	55.7	68.7	78.2	84.6	87.8	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 350	32.8	56.3	69.4	78.8	85.4	88.8	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 300	33.2	57.7	71.2	80.9	87.6	91.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 250	33.3	57.9	71.4	81.0	87.8	91.4	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 200	33.5	58.5	72.3	82.1	88.8	92.6	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 180	33.5	58.9	72.6	82.4	89.2	92.9	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 150	33.7	59.4	73.3	83.2	90.4	94.1	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 120	33.7	59.9	74.1	84.1	91.2	94.9	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 100	33.7	60.2	74.5	84.9	92.4	96.1	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 90	33.7	60.2	74.5	84.9	92.4	96.1	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 80	33.7	60.4	74.6	85.3	92.9	96.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 70	33.7	60.4	74.6	85.4	93.1	96.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 60	33.7	60.4	74.6	85.4	93.1	97.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 50	33.7	60.4	74.6	85.4	93.4	97.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 40	33.7	60.4	74.6	85.4	93.4	97.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 30	33.7	60.4	74.6	85.4	93.4	97.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 20	33.7	60.4	74.6	85.4	93.4	97.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 10	33.7	60.4	74.6	85.4	93.4	97.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 0	33.7	60.4	74.6	85.4	93.4	97.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 591

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-82,86-87  
 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 1/16	GE 1/4	GE 0
NO CEIL	25.0	48.0	53.1	59.7	63.3	65.3	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GF 2000	27.6	54.1	59.7	66.8	70.9	74.0	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 1800	27.6	54.1	59.7	66.8	70.9	74.0	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 1600	27.6	54.1	60.2	67.9	71.9	75.0	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 1400	27.6	54.1	60.2	68.4	72.4	75.5	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 1200	27.6	54.1	60.2	68.4	72.4	75.5	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 1000	28.6	58.2	65.3	73.0	77.0	80.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 900	28.6	58.2	65.3	73.0	77.0	80.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 800	30.1	60.7	68.4	76.3	80.1	83.2	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 700	30.1	61.2	68.9	76.5	80.6	83.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 600	30.1	61.7	69.4	77.0	81.1	84.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 500	30.1	62.2	69.9	77.6	82.1	85.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 450	30.1	62.2	69.9	77.6	82.1	85.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 400	31.6	65.3	73.0	81.1	85.7	88.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 350	31.6	65.3	73.0	81.1	86.2	89.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 300	32.1	66.3	74.0	82.1	87.8	90.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 250	32.1	66.8	74.5	82.7	88.3	91.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 200	32.1	66.8	74.5	82.7	88.3	91.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 180	32.1	66.8	74.5	82.7	88.3	91.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 150	32.1	66.8	74.5	83.2	88.8	92.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 120	32.1	67.3	75.0	84.2	89.8	93.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 100	32.1	67.3	75.0	84.7	91.3	94.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 90	32.1	67.3	75.0	85.7	92.3	95.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 80	32.1	67.3	76.0	85.7	92.3	95.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 70	32.1	67.3	76.0	85.7	92.3	95.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 60	32.1	67.3	76.0	85.7	92.3	95.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 50	32.1	67.3	76.0	85.7	92.3	95.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 40	32.1	67.3	76.0	85.7	92.3	95.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 30	32.1	67.3	76.0	85.7	92.3	95.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 20	32.1	67.3	76.0	85.7	92.3	95.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 10	32.1	67.3	76.0	85.7	92.3	95.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 0	32.1	67.3	76.0	85.7	92.3	95.9	99.0	99.0	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 176

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

NO	CEILING IN FEET	VISIBILITY IN STATUTE MILES															
		GE 1	GE 1 1/8	GE 1 1/4	GE 1 1/2	GE 1 3/4	GE 2	GE 2 1/2	GE 3	GE 3 1/2	GE 4	GE 4 1/2	GE 5	GE 5 1/2	GE 6	GE 6 1/2	GE 7
NO CEIL	25.0	78.1	45.0	51.2	55.7	57.2	57.9	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 20000	29.0	44.9	53.5	60.6	65.9	67.7	68.5	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 18000	29.0	44.9	53.5	60.6	65.9	67.7	68.5	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 16000	29.0	44.9	53.5	60.6	65.9	67.7	68.5	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 14000	29.3	45.5	54.2	61.5	66.7	68.5	69.3	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 12000	29.5	45.9	54.7	62.0	67.4	69.1	69.9	70.1	70.1	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3
GE 10000	31.0	50.0	59.7	67.9	73.6	75.6	76.4	76.6	76.6	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8
GE 9000	31.0	50.0	59.7	67.9	73.7	75.6	76.5	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 8000	31.9	51.9	61.8	70.2	76.2	78.2	79.0	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 7000	32.1	52.4	62.4	70.6	76.9	78.9	79.8	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 6000	32.3	52.9	62.9	71.4	77.5	79.6	80.4	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 5000	32.6	53.6	63.8	72.4	78.8	80.9	81.8	82.0	82.0	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2
GE 4500	32.7	53.7	64.0	72.7	79.0	81.2	82.1	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 4000	33.5	55.2	65.6	74.5	81.2	83.4	84.3	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 3500	33.8	55.7	66.3	75.4	82.1	84.4	85.3	85.6	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8
GE 3000	34.3	56.9	68.0	77.5	84.5	86.9	87.9	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2500	35.0	58.1	69.5	79.1	86.2	88.6	89.6	89.9	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1
GE 2000	35.4	59.3	71.0	80.6	87.8	90.2	91.3	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1800	35.6	59.8	71.5	81.1	88.3	90.7	91.8	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3
GE 1500	36.0	60.9	72.9	82.7	90.1	92.6	93.7	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2
GE 1200	36.1	61.5	73.6	83.5	91.0	93.5	94.7	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2
GE 1000	36.3	62.1	74.3	84.5	92.2	94.8	96.0	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5
GE 900	36.7	62.1	74.4	84.6	92.4	95.0	96.3	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 800	36.4	62.4	74.7	85.0	93.1	95.7	97.1	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 700	36.4	62.5	74.9	85.2	93.4	96.0	97.5	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	36.4	62.6	75.1	85.5	93.8	96.5	98.1	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8
GE 500	36.4	62.6	75.2	85.7	94.1	96.8	98.5	99.0	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4
GE 400	36.4	62.6	75.2	85.7	94.2	97.0	98.7	99.2	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7
GE 300	36.4	62.6	75.2	85.7	94.2	97.0	98.8	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
GE 200	36.4	62.6	75.2	85.7	94.2	97.0	98.8	99.4	99.4	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0
GE 100	36.4	62.6	75.2	85.7	94.2	97.0	98.8	99.4	99.4	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0
GE 0	36.4	62.6	75.2	85.7	94.2	97.0	98.8	99.4	99.4	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 4783

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-87

MONTH: JUL HOURS(IST): 0600-2600

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	10.8	23.8	31.3	37.3	44.4	48.6	52.6	54.4	54.7	55.0	55.0	55.0	55.0	55.2	55.2	55.2
GE 2000	11.7	27.6	36.5	43.5	52.3	57.8	62.4	64.5	64.8	65.3	65.3	65.3	65.3	65.4	65.4	65.4
GE 1800	11.7	27.6	36.5	43.5	52.3	57.8	62.4	64.5	64.8	65.3	65.3	65.3	65.3	65.4	65.4	65.4
GE 1600	11.7	27.6	36.5	43.5	52.3	57.8	62.4	64.5	64.8	65.3	65.3	65.3	65.3	65.4	65.4	65.4
GE 1400	11.7	28.6	37.7	44.7	54.0	59.7	64.8	66.9	67.2	67.7	67.7	67.7	67.7	67.8	67.8	67.8
GE 1200	11.7	29.1	38.8	45.8	55.2	61.1	66.1	68.3	68.5	69.0	69.0	69.0	69.0	69.1	69.1	69.1
GE 1000	12.7	31.9	42.2	49.6	59.6	65.6	71.0	73.4	73.7	74.2	74.2	74.2	74.2	74.3	74.3	74.3
GE 900	12.7	32.1	42.5	50.0	60.0	66.0	71.4	73.8	74.0	74.5	74.5	74.5	74.5	74.6	74.6	74.6
GE 800	12.9	33.8	44.7	52.3	62.6	68.9	74.3	76.7	76.9	77.4	77.4	77.4	77.4	77.5	77.5	77.5
GE 700	13.0	34.0	45.6	53.1	63.6	69.8	75.2	77.6	77.9	78.4	78.4	78.4	78.4	78.5	78.5	78.5
GE 600	13.0	34.7	46.4	54.0	64.9	71.4	76.9	79.3	79.6	80.0	80.0	80.0	80.0	80.2	80.2	80.2
GE 500	13.1	35.1	46.9	54.6	65.5	72.0	77.5	79.9	80.2	80.6	80.6	80.6	80.6	80.8	80.8	80.8
GE 450	13.3	35.3	47.1	54.8	65.9	72.4	77.9	80.3	80.5	81.0	81.0	81.0	81.0	81.1	81.1	81.1
GE 400	13.5	35.8	47.7	55.5	66.8	73.4	79.1	81.5	81.9	82.3	82.3	82.3	82.3	82.5	82.5	82.5
GE 350	13.6	35.9	48.0	55.8	67.2	73.9	79.6	82.1	82.5	82.9	82.9	82.9	82.9	83.1	83.1	83.1
GE 300	13.8	36.9	48.9	56.7	68.5	75.6	81.5	84.0	84.4	84.9	84.9	84.9	84.9	85.0	85.0	85.0
GE 250	13.8	37.6	49.9	57.9	70.0	77.4	83.3	85.8	86.2	86.7	86.7	86.7	86.7	86.8	86.8	86.8
GE 200	13.9	38.0	50.2	58.3	70.3	77.9	83.8	86.3	86.7	87.1	87.1	87.1	87.1	87.3	87.3	87.3
GE 180	13.9	38.1	50.4	58.4	70.4	78.0	83.9	86.4	86.8	87.3	87.3	87.3	87.3	87.4	87.4	87.4
GE 150	14.5	39.3	51.8	59.9	72.0	79.6	85.6	88.1	88.5	89.1	89.1	89.1	89.1	89.2	89.2	89.2
GE 120	15.3	40.1	53.0	61.1	73.2	80.8	86.8	89.3	89.7	90.3	90.3	90.3	90.3	90.4	90.4	90.4
GE 100	15.5	41.0	54.1	62.5	74.9	82.6	88.6	91.2	91.6	92.2	92.2	92.2	92.2	92.3	92.3	92.3
GE 90	15.5	41.0	54.1	62.5	75.0	82.7	88.7	91.3	91.7	92.3	92.3	92.3	92.3	92.4	92.4	92.4
GE 80	15.5	41.2	54.4	63.0	75.7	83.7	89.8	92.4	92.8	93.4	93.4	93.4	93.4	93.5	93.5	93.5
GE 70	15.5	41.3	54.7	63.3	76.1	84.1	90.5	93.1	93.5	94.1	94.1	94.1	94.1	94.2	94.2	94.2
GE 60	15.6	41.5	54.8	63.5	76.4	84.6	91.2	93.9	94.2	94.8	94.8	94.8	94.8	95.0	95.0	95.0
GE 50	15.7	41.9	55.6	64.4	78.0	86.3	93.7	95.9	96.3	96.9	96.9	96.9	96.9	97.1	97.1	97.1
GE 40	15.7	41.9	55.6	64.5	78.2	86.7	93.9	96.9	97.2	97.8	97.8	97.8	97.8	98.1	98.1	98.2
GE 30	15.7	41.9	55.6	64.5	78.2	86.7	94.0	97.1	97.5	98.7	98.7	98.7	98.7	98.9	98.9	99.2
GE 20	15.7	41.9	55.6	64.5	78.2	86.7	94.0	97.1	97.6	98.8	98.8	98.8	98.8	99.4	99.4	99.6
GE 10	15.7	41.9	55.6	64.5	78.2	86.7	94.0	97.1	97.6	98.8	98.8	98.8	98.8	99.4	99.4	99.6

TOTAL NUMBER OF OBSERVATIONS: 832

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	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	17.2	34.6	39.8	44.4	49.8	53.0	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 2000	21.1	40.8	47.5	53.0	59.1	62.4	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 1800	21.1	40.8	47.5	53.0	59.1	62.4	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 1600	21.1	40.8	47.5	53.0	59.1	62.4	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 1400	21.7	41.8	48.9	54.7	63.9	64.3	65.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 1200	22.1	42.8	50.2	56.3	62.4	65.9	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 1000	23.5	44.9	52.5	58.8	65.1	69.0	70.4	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 900	23.6	45.3	52.8	59.2	65.4	69.3	70.7	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 800	24.6	46.6	54.5	61.1	67.7	71.6	73.0	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 700	24.8	47.1	54.8	61.4	68.1	72.0	73.4	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 600	24.8	47.1	55.0	61.5	68.2	72.1	73.5	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 500	24.9	48.1	55.9	62.6	69.4	73.5	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 400	24.9	48.2	56.1	62.8	69.6	73.7	75.1	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 300	25.0	48.3	56.3	63.0	69.8	73.9	75.3	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 250	25.3	49.1	57.1	63.9	70.6	75.0	76.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 200	25.5	49.9	58.0	65.0	72.0	76.2	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 150	26.2	51.6	59.8	66.9	74.1	78.3	80.0	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 100	27.8	54.2	62.9	70.2	77.8	82.0	83.6	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 80	28.6	55.5	64.2	71.4	79.1	83.3	84.9	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 60	29.7	58.4	67.9	75.6	83.8	88.1	89.8	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 40	30.2	59.4	69.2	77.3	85.7	90.2	91.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 30	30.8	60.7	71.2	80.0	88.8	93.6	95.4	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 20	30.8	60.8	71.3	80.2	89.0	94.0	95.7	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 10	30.8	61.1	72.0	80.8	89.8	94.7	96.4	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
GE 5	30.8	61.2	72.2	81.6	90.9	96.0	97.7	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 0	30.8	61.2	72.5	81.9	91.3	96.3	98.3	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	30.9	61.2	72.6	82.0	91.5	96.6	98.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	30.9	61.2	72.6	82.0	91.5	96.6	98.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	30.9	61.2	72.6	82.0	91.5	96.6	98.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	30.9	61.2	72.6	82.0	91.5	96.6	98.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	30.9	61.2	72.6	82.0	91.5	96.6	98.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	30.9	61.2	72.6	82.0	91.5	96.6	98.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	30.9	61.2	72.6	82.0	91.5	96.6	98.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	30.9	61.2	72.6	82.0	91.5	96.6	98.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	30.9	61.2	72.6	82.0	91.5	96.6	98.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	30.9	61.2	72.6	82.0	91.5	96.6	98.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	30.9	61.2	72.6	82.0	91.5	96.6	98.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 928

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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	20.2	33.2	40.3	45.6	49.2	50.4	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 20000	24.8	40.9	49.7	55.7	59.9	61.2	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 18000	24.8	40.9	49.7	55.7	59.9	61.2	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 16000	24.8	40.9	49.7	55.7	59.9	61.2	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 14000	25.1	42.2	51.0	57.0	61.3	62.8	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 12000	26.3	44.0	52.7	58.9	63.3	64.8	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 10000	28.0	47.5	57.0	63.4	67.8	69.5	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 9000	28.0	47.7	57.2	63.6	68.0	69.7	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 8000	28.6	48.6	58.1	64.4	69.1	70.8	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 7000	28.9	49.0	58.5	64.9	69.5	71.2	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 6000	29.2	49.6	59.1	65.4	70.0	71.8	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 5000	29.2	49.7	59.2	65.7	70.5	72.2	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 4500	29.2	49.8	59.5	66.2	71.2	73.0	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4000	29.7	51.3	61.2	68.1	73.4	75.1	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 3500	30.6	52.8	62.8	69.9	75.4	77.2	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 3000	31.6	54.5	65.2	72.7	79.0	81.4	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 2500	33.0	58.2	69.2	77.4	83.8	86.2	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 2000	35.0	62.0	73.3	81.6	88.5	90.8	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1800	35.1	62.3	73.8	82.2	89.2	91.8	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1500	35.8	63.9	75.4	84.2	91.5	94.1	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1200	36.0	64.3	76.0	84.7	92.1	94.8	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	36.0	64.5	76.2	85.2	93.1	95.8	97.5	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	36.0	64.5	76.2	85.2	93.2	95.9	97.6	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
GE 800	36.0	64.5	76.2	85.2	93.2	95.9	97.6	98.3	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	36.0	64.5	76.2	85.2	93.2	95.9	97.6	98.3	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	36.0	64.5	76.2	85.2	93.2	96.0	97.7	98.4	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	36.0	64.5	76.3	85.6	93.5	96.3	98.2	98.8	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	36.0	64.5	76.3	85.6	93.6	96.4	98.5	99.1	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0
GE 300	36.0	64.5	76.3	85.6	93.6	96.4	98.5	99.1	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	36.0	64.5	76.3	85.6	93.6	96.4	98.5	99.1	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	36.0	64.5	76.3	85.6	93.6	96.4	98.5	99.1	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0
GE 0	36.0	64.5	76.3	85.6	93.6	96.4	98.5	99.1	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 928

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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	21.4	37.3	42.1	48.9	53.3	54.6	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	
GE 20000	25.2	45.0	51.8	59.5	64.3	66.1	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	
GE 18000	25.2	45.0	51.8	59.5	64.3	66.1	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	
GE 16000	25.2	45.0	51.8	59.5	64.3	66.1	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	
GE 14000	25.5	45.9	53.0	60.9	65.7	67.6	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	
GE 12000	26.0	46.6	53.8	62.1	66.9	68.8	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	
GE 10000	29.7	51.9	59.9	69.3	74.3	76.2	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	
GE 9000	29.7	51.9	59.9	69.3	74.3	76.2	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	
GE 8000	30.2	53.3	61.3	70.8	76.7	78.6	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	
GE 7000	30.2	53.5	61.7	71.3	77.1	79.0	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	
GE 6000	30.5	54.4	62.7	72.2	78.1	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	
GE 5000	30.9	54.8	63.2	72.8	79.0	80.9	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	
GE 4500	30.9	54.9	63.5	73.2	79.6	81.5	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	
GE 4000	31.2	55.9	64.4	74.1	80.8	82.7	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	
GE 3500	31.7	56.9	65.7	75.5	82.6	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	
GE 3000	32.4	59.1	68.1	78.5	86.8	89.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	
GE 2500	33.4	61.2	70.6	82.3	91.0	93.6	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	
GE 2000	33.5	62.3	71.7	83.4	92.4	95.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	
GE 1800	33.5	62.4	71.8	83.5	92.5	95.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	
GE 1500	34.1	63.8	73.6	85.6	94.6	97.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
GE 1200	34.1	63.9	73.7	85.8	94.8	97.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 1000	34.2	64.2	74.0	86.1	95.1	97.7	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 900	34.2	64.2	74.0	86.1	95.2	98.0	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 800	34.2	64.2	74.0	86.1	95.4	98.1	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 700	34.2	64.2	74.0	86.1	95.4	98.1	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 600	34.2	64.2	74.0	86.1	95.4	98.1	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 500	34.2	64.2	74.0	86.1	95.5	98.2	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 400	34.2	64.2	74.0	86.1	95.5	98.2	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 300	34.2	64.2	74.0	86.1	95.5	98.2	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 200	34.2	64.2	74.0	86.1	95.5	98.2	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 100	34.2	64.2	74.0	86.1	95.5	98.2	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 0	34.2	64.2	74.0	86.1	95.5	98.2	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 734

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-82,86-87  
MONTH: JUL HOURS (LST): 1800-2100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	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	20.5	34.2	41.6	46.0	51.3	52.9	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 20000	23.6	42.2	50.9	55.9	63.3	65.0	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 18000	23.6	42.2	50.9	55.9	63.3	65.0	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 16000	23.6	42.2	50.9	55.9	63.3	65.0	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 14000	24.1	44.4	53.4	58.4	65.8	67.6	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 12000	24.1	44.9	54.5	60.0	67.4	69.1	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 10000	27.2	50.2	60.0	67.6	75.0	77.5	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 9000	27.2	50.2	60.0	67.6	75.0	77.5	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 8000	27.7	51.7	61.4	69.4	77.3	80.2	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 7000	27.9	52.4	62.2	70.2	78.1	80.9	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 6000	28.0	52.8	63.0	71.2	79.1	81.9	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 5000	28.3	54.0	64.3	72.4	80.6	83.5	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 4500	28.3	54.5	64.9	73.2	81.4	84.3	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 4000	29.0	56.2	66.8	75.3	83.6	86.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 3500	29.0	56.4	67.1	76.2	84.7	88.0	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 3000	29.6	57.5	68.7	78.9	87.6	91.0	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2500	30.1	58.4	69.6	80.0	88.7	92.1	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2000	30.2	59.1	70.4	81.1	90.2	93.7	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1800	30.4	59.2	70.9	81.6	90.7	94.2	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1500	30.7	60.2	71.8	82.8	92.0	95.4	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	30.7	60.2	71.8	82.8	92.0	95.4	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	30.7	60.3	72.0	83.0	92.3	95.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	30.7	60.3	72.0	83.0	92.3	95.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	30.7	60.3	72.0	83.0	92.4	95.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	30.7	60.3	72.0	83.0	92.4	95.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	30.7	60.3	72.0	83.0	92.4	95.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	30.7	60.3	72.0	83.0	92.4	95.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	30.7	60.3	72.0	83.0	92.4	95.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	30.7	60.3	72.0	83.0	92.4	95.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	30.7	60.3	72.0	83.0	92.4	95.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	30.7	60.3	72.0	83.0	92.4	95.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	30.7	60.3	72.0	83.0	92.4	95.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 635

71

GLOBAL CLIMATOLOGY BRANCH  
LSAFETYAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-82,86-87  
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 7/4	GE 5/8	GE 1/2	GE 1/16	GE 1/4	GE 0
NO CEIL	20.6	41.7	47.2	50.9	56.4	57.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 2000	21.6	46.8	52.8	59.2	67.0	68.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 1800	21.6	46.8	52.8	59.2	67.0	68.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 1600	21.6	46.8	52.8	59.2	67.0	68.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 1400	22.0	47.7	53.7	60.1	68.3	69.7	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 1200	22.0	48.6	55.0	61.5	69.7	71.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 1000	24.8	53.7	61.5	69.3	77.5	78.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 900	24.8	54.1	61.9	69.7	78.0	79.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 800	25.2	54.6	62.8	71.1	79.4	81.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 700	25.2	55.0	63.3	71.6	79.8	81.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 600	25.2	56.0	64.2	72.5	80.7	82.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 500	25.7	57.8	66.1	74.3	82.6	84.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 450	25.7	58.3	66.5	74.8	83.0	84.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 400	26.1	60.1	69.3	78.0	86.7	88.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 350	26.1	60.1	69.3	78.4	87.6	89.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 300	26.1	61.0	70.2	79.8	89.4	91.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 250	27.1	61.9	71.6	81.7	91.3	93.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 200	27.1	62.4	72.0	82.1	91.7	93.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 180	27.1	62.4	72.5	82.6	92.2	94.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 160	27.5	63.6	74.3	84.4	94.0	95.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 140	27.5	63.8	74.3	84.4	94.0	95.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120	27.5	63.8	74.3	84.4	94.0	95.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	27.5	63.8	74.3	84.4	94.0	95.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90	27.5	63.8	74.3	84.4	94.0	95.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80	27.5	63.8	74.3	84.4	94.0	95.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70	27.5	63.8	74.3	84.4	94.0	95.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60	27.5	63.8	74.3	84.4	94.0	95.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	27.5	63.8	74.3	84.4	94.0	95.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	27.5	63.8	74.3	84.4	94.0	95.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	27.5	63.8	74.3	84.4	94.0	95.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	27.5	63.8	74.3	84.4	94.0	95.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	27.5	63.8	74.3	84.4	94.0	95.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 218

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(L<T): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1 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	18.0	33.0	39.3	44.6	49.8	52.1	53.8	54.2	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.4
GE 20000	21.2	39.5	47.3	53.6	59.9	62.6	64.6	65.1	65.1	65.2	65.2	65.2	65.2	65.3	65.3	65.3
GE 18000	21.2	39.5	47.3	53.6	59.9	62.6	64.6	65.1	65.1	65.2	65.2	65.2	65.2	65.3	65.3	65.3
GE 16000	21.2	39.5	47.3	53.6	59.9	62.6	64.6	65.1	65.1	65.2	65.2	65.2	65.2	65.3	65.3	65.3
GE 14000	21.5	40.7	48.8	55.2	61.6	64.4	66.5	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 12000	21.9	41.6	50.0	56.6	63.1	66.0	68.1	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 10000	24.1	45.4	54.3	61.7	68.3	71.4	73.8	74.4	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6
GE 9000	24.1	45.6	54.5	61.9	68.5	71.6	74.0	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 8000	24.6	46.9	56.0	63.5	70.6	73.8	76.2	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 7000	24.8	47.3	56.5	64.1	71.2	74.4	76.8	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 6000	24.9	47.8	57.2	64.7	71.9	75.2	77.6	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 5000	25.1	48.4	57.9	65.5	72.9	76.2	78.6	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 4500	25.2	48.6	58.2	65.9	73.4	76.7	79.2	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 4000	25.5	49.6	59.3	67.2	74.8	78.2	80.7	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 3500	25.9	50.3	60.1	68.2	76.0	79.6	82.1	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 3000	26.4	51.6	61.7	70.2	78.6	82.4	85.1	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 2500	27.1	53.5	63.8	72.8	81.4	85.3	88.0	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 2000	28.0	55.3	65.9	74.8	83.7	87.7	90.5	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1800	28.2	55.7	66.3	75.4	84.3	88.3	91.1	91.9	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1
GE 1500	28.9	57.3	68.3	77.6	86.8	90.8	93.6	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1200	29.1	57.8	68.9	78.4	87.6	91.7	94.5	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1000	29.4	58.4	69.7	79.4	88.9	93.1	96.0	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 900	29.4	58.4	69.7	79.5	89.0	93.2	96.1	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3
GE 800	29.4	58.5	69.9	79.7	89.4	93.6	96.6	97.5	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 700	29.4	58.6	70.0	80.0	89.7	94.0	97.0	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	29.4	58.6	70.1	80.0	89.8	94.2	97.3	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	29.4	58.7	70.3	80.3	90.3	94.7	97.8	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	29.4	58.7	70.3	80.4	90.3	94.8	98.1	99.1	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 300	29.4	58.7	70.3	80.4	90.3	94.8	98.1	99.1	99.2	99.6	99.7	99.7	99.7	99.8	99.8	99.8
GE 200	29.4	58.7	70.3	80.4	90.3	94.8	98.1	99.1	99.2	99.6	99.7	99.7	99.8	99.9	99.9	99.9
GE 100	29.4	58.7	70.3	80.4	90.3	94.8	98.1	99.1	99.2	99.6	99.7	99.7	99.8	99.9	99.9	99.9
GE 0	29.4	58.7	70.3	80.4	90.3	94.8	98.1	99.1	99.2	99.6	99.7	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 4275

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS (1ST): 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	9.2	21.7	25.7	32.1	40.1	46.5	51.8	56.3	56.4	58.4	58.7	58.7	59.0	59.1	59.2	59.4
GE 20000	11.1	26.3	32.0	38.9	48.1	55.3	61.0	66.2	66.5	68.5	68.9	68.9	69.1	69.2	69.4	69.6
GE 18000	11.1	26.3	32.0	38.9	48.1	55.3	61.0	66.2	66.5	68.5	68.9	68.9	69.1	69.2	69.4	69.6
GE 16000	11.1	26.3	32.0	38.9	48.1	55.3	61.0	66.2	66.5	68.5	68.9	68.9	69.1	69.2	69.4	69.6
GE 14000	11.6	27.8	33.5	40.6	49.9	57.3	63.0	68.2	68.4	70.5	70.8	70.8	71.1	71.2	71.3	71.5
GE 12000	11.6	28.0	33.7	40.7	50.1	57.6	63.3	68.6	68.9	70.9	71.3	71.3	71.5	71.7	71.8	72.0
GE 10000	12.5	30.3	36.6	43.8	53.9	62.0	67.9	73.5	73.8	76.2	76.5	76.5	76.8	76.9	77.0	77.2
GE 9000	12.5	30.3	36.6	43.8	53.9	62.0	67.9	73.5	73.8	76.2	76.5	76.5	76.8	76.9	77.0	77.2
GE 8000	13.3	32.0	38.5	46.5	56.9	65.4	71.5	77.2	77.6	79.9	80.3	80.3	80.5	80.6	80.8	81.0
GE 7000	13.4	32.6	39.5	47.5	58.1	66.6	72.8	78.5	78.8	81.1	81.5	81.5	81.7	81.8	82.0	82.2
GE 6000	14.0	33.3	40.2	48.2	59.3	67.8	74.1	79.8	80.1	82.4	82.8	82.8	83.1	83.2	83.3	83.5
GE 5000	14.4	33.9	41.3	49.3	60.5	69.1	75.4	81.1	81.5	83.8	84.1	84.1	84.4	84.5	84.6	84.9
GE 4500	14.4	33.9	41.3	49.3	60.5	69.1	75.4	81.1	81.5	83.8	84.1	84.1	84.4	84.5	84.6	84.9
GE 4000	14.6	34.3	41.6	49.6	60.9	69.5	75.8	81.6	82.0	84.3	84.6	84.6	84.9	85.0	85.1	85.4
GE 3500	14.8	34.9	42.4	50.4	61.6	70.2	76.5	82.3	82.7	85.0	85.4	85.4	85.6	85.7	85.8	86.1
GE 3000	15.0	35.4	43.0	51.1	62.5	71.1	77.4	83.2	83.5	85.8	86.2	86.2	86.4	86.6	86.7	86.9
GE 2500	15.1	35.6	43.2	51.3	62.7	71.3	77.7	83.7	84.0	86.3	86.7	86.7	86.9	87.0	87.2	87.4
GE 2000	15.1	36.0	43.7	51.9	63.4	72.0	78.6	84.6	85.0	87.3	87.7	87.7	87.9	88.0	88.1	88.4
GE 1800	15.1	36.0	43.8	52.2	63.7	72.3	78.9	85.0	85.4	87.7	88.0	88.0	88.3	88.4	88.5	88.7
GE 1600	15.3	36.4	44.4	52.9	64.4	73.1	79.8	86.0	86.3	88.6	89.0	89.2	89.3	89.3	89.5	89.7
GE 1200	15.3	36.9	44.9	53.4	65.0	73.8	80.8	87.0	87.4	89.7	90.1	90.1	90.3	90.4	90.6	90.8
GE 1000	15.4	37.2	45.2	54.0	66.0	75.1	82.3	88.6	89.0	91.6	92.0	92.0	92.3	92.4	92.5	92.7
GE 900	15.4	37.2	45.2	54.0	66.0	75.1	82.3	88.6	89.0	91.6	92.0	92.0	92.3	92.4	92.5	92.7
GE 800	15.4	37.4	45.5	54.6	66.8	76.3	83.7	90.0	90.3	93.0	93.3	93.3	93.6	93.7	93.8	94.1
GE 700	15.4	37.5	45.8	55.0	67.2	76.9	84.3	90.6	90.9	93.6	93.9	93.9	94.2	94.3	94.4	94.7
GE 600	15.4	37.5	46.0	55.3	67.7	77.5	84.9	91.3	91.6	94.3	94.7	94.7	94.9	95.0	95.2	95.4
GE 500	15.4	37.8	46.7	56.2	69.1	79.2	86.8	94.2	94.6	97.3	97.7	97.7	97.9	98.1	98.2	98.5
GE 400	15.4	37.8	46.7	56.2	69.1	79.3	86.9	94.4	94.8	97.7	98.2	98.2	98.4	98.5	98.7	98.9
GE 300	15.4	37.8	46.7	56.2	69.1	79.3	87.0	94.6	94.9	97.9	98.4	98.4	98.8	98.9	99.2	99.6
GE 200	15.4	37.8	46.7	56.2	69.1	79.3	87.0	94.6	94.9	97.9	98.4	98.4	98.8	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 826

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-87  
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 7/16	GE 1/4	GE 0	
NO CEIL	16.9	30.5	35.9	40.4	46.9	51.3	53.1	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	
GE 20000	20.8	36.8	42.8	48.7	56.4	60.9	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	
GE 18000	20.9	36.9	42.9	48.9	56.5	61.0	62.9	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	
GE 16000	20.9	36.9	42.9	48.9	56.5	61.0	62.9	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	
GE 14000	21.9	38.3	44.5	50.8	58.4	63.1	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	
GE 12000	22.1	38.5	44.8	51.1	58.9	63.5	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	
GE 10000	23.0	41.3	49.1	55.9	64.4	69.4	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	
GE 9000	23.0	41.3	49.1	55.9	64.4	69.4	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	
GE 8000	23.8	43.0	51.0	58.0	67.1	72.1	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	
GE 7000	24.3	43.5	51.6	58.7	67.8	72.8	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	
GE 6000	24.3	43.6	51.8	59.0	68.3	73.3	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	
GE 5000	24.4	44.4	52.6	59.7	69.2	74.2	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	
GE 4500	24.4	44.4	52.6	59.7	69.2	74.2	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	
GE 4000	24.6	45.3	53.4	60.7	70.2	75.2	77.1	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	
GE 3500	24.8	45.5	53.6	60.9	70.4	75.4	77.4	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	
GE 3000	25.2	46.4	54.8	62.1	71.8	76.8	78.9	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	
GE 2500	27.2	48.6	57.3	64.6	74.4	79.7	81.7	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	
GE 2000	29.2	51.5	60.5	68.2	78.5	83.7	85.9	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	
GE 1800	29.9	52.7	61.8	69.7	80.2	85.4	87.6	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	
GE 1500	31.0	54.5	64.1	72.3	82.9	88.1	90.4	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	
GE 1200	31.3	55.4	65.0	73.3	84.3	89.6	91.9	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	
GE 1000	31.7	56.3	66.2	74.9	85.9	91.7	94.3	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	
GE 900	31.7	56.3	66.2	75.1	86.2	92.1	94.7	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	
GE 800	31.8	56.5	66.5	75.4	86.7	93.0	96.0	96.6	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.1	
GE 700	31.8	56.7	66.7	75.7	87.2	93.5	96.5	97.2	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	
GE 600	31.8	56.7	66.8	75.8	87.4	93.7	97.0	97.6	97.9	98.0	98.0	98.0	98.2	98.2	98.2	98.2	
GE 500	31.8	56.7	66.9	76.1	88.2	94.7	98.2	99.3	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	
GE 400	31.8	56.7	66.9	76.1	88.2	94.7	98.2	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 300	31.8	56.7	66.9	76.1	88.2	94.7	98.2	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 200	31.8	56.7	66.9	76.1	88.2	94.7	98.2	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 100	31.8	56.7	66.9	76.1	88.2	94.7	98.2	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 0	31.8	56.7	66.9	76.1	88.2	94.7	98.2	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 919

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	19.3	30.7	36.2	41.2	47.5	49.6	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 2000	24.8	38.5	45.1	50.7	57.6	60.4	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 1800	24.8	38.5	45.1	50.7	57.6	60.4	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 1600	24.8	38.5	45.1	50.7	57.6	60.4	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 1400	25.8	40.1	46.7	52.6	59.9	62.8	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 1200	26.0	40.5	47.1	53.0	60.3	63.2	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 1000	27.3	43.7	50.9	57.6	65.6	68.9	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 900	27.3	43.7	50.9	57.6	65.6	68.9	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 800	27.9	44.8	52.3	59.0	67.4	70.7	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 700	28.0	45.2	53.0	59.8	68.1	71.5	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 600	28.1	45.6	53.5	60.5	68.9	72.2	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 500	28.6	46.3	54.3	61.5	69.8	73.2	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 450	28.6	46.4	54.4	61.6	70.0	73.3	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 400	29.4	47.2	55.2	62.6	71.0	74.4	74.7	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 350	29.7	48.2	56.4	63.8	72.6	76.1	76.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 300	31.6	51.1	59.9	67.7	77.0	81.3	81.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 250	32.9	53.7	63.4	72.1	81.9	86.6	87.2	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 200	34.9	57.2	67.2	76.4	86.3	91.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 180	35.2	57.8	68.0	77.1	87.2	91.9	92.5	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 150	36.2	59.2	69.7	79.0	89.2	93.9	95.0	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 120	36.3	59.4	70.0	79.2	89.5	94.3	95.3	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 100	36.7	60.1	70.6	79.8	90.6	95.6	96.6	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 90	36.7	60.1	70.6	79.9	90.7	95.7	96.7	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 80	36.7	60.3	70.8	80.2	90.9	96.1	97.2	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 70	36.7	60.3	70.8	80.2	90.9	96.1	97.2	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 60	36.7	60.3	70.8	80.2	90.9	96.1	97.2	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 50	36.8	60.5	71.0	80.4	91.4	97.3	98.7	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 40	36.8	60.5	71.0	80.4	91.4	97.3	98.7	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 30	36.8	60.5	71.0	80.4	91.4	97.3	98.7	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 20	36.8	60.5	71.0	80.4	91.4	97.3	98.7	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 10	36.8	60.5	71.0	80.4	91.4	97.3	98.7	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	36.8	60.5	71.0	80.4	91.4	97.3	98.7	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 922

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-87  
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 5/16	GE 1/4	GE 0
NO CEIL	19.5	30.1	34.9	39.5	45.5	47.5	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 20000	26.0	39.6	45.9	51.7	59.4	61.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 18000	26.0	39.6	45.9	51.7	59.4	61.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 16000	26.0	39.6	45.9	51.7	59.4	61.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 14000	26.8	41.3	47.9	53.6	61.8	63.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 12000	27.2	42.2	48.8	54.6	62.7	64.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 10000	29.8	48.8	56.1	62.6	71.5	73.5	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 9000	29.8	48.8	56.1	62.6	71.5	73.5	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 8000	30.4	50.2	58.2	65.5	75.0	76.9	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 7000	30.4	50.2	58.3	65.5	75.1	77.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 6000	30.4	50.5	58.6	66.2	75.9	78.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 5000	30.9	51.9	60.1	67.8	77.6	79.8	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 4500	30.9	51.9	60.1	67.8	77.6	79.8	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 4000	31.4	52.8	61.2	69.5	79.5	81.7	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 3500	31.5	53.6	62.3	70.8	81.0	83.4	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 3000	32.5	55.4	64.1	72.9	83.6	86.5	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 2500	33.3	57.5	66.9	75.9	86.8	89.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 2000	33.8	58.6	68.2	77.4	88.6	91.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1800	33.8	59.0	68.6	77.9	89.1	92.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1500	34.3	59.8	69.7	79.0	90.4	93.7	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1200	34.3	59.8	69.7	79.1	90.5	93.8	96.0	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1000	34.3	59.8	70.0	79.4	90.9	94.2	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 900	34.3	59.8	70.0	79.4	90.9	94.2	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 800	34.3	59.8	70.0	79.4	90.9	94.5	96.8	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 700	34.3	59.8	70.0	79.4	90.9	94.5	97.1	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 600	34.3	59.8	70.0	79.4	90.9	94.5	97.1	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 500	34.3	59.8	70.2	79.5	91.3	95.0	97.8	98.2	98.2	98.5	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	34.3	60.0	70.3	79.6	91.5	95.2	98.3	98.8	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	34.3	60.0	70.4	79.8	91.6	95.3	98.5	98.9	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	34.3	60.0	70.4	79.8	91.6	95.3	98.5	98.9	98.9	99.4	99.7	99.7	100.0	100.0	100.0	100.0
GE 100	34.3	60.0	70.4	79.8	91.6	95.3	98.5	98.9	98.9	99.4	99.7	99.7	100.0	100.0	100.0	100.0
GE 0	34.3	60.0	70.4	79.8	91.6	95.3	98.5	98.9	98.9	99.4	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 727

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-82,86-87  
MONTH: AUG HOURS(LST): 1900-2000

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	17.7	31.8	38.1	42.5	48.6	50.8	53.3	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 20000	21.9	39.8	48.0	51.4	61.9	65.0	68.8	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 18000	21.9	39.8	48.0	53.4	61.9	65.0	68.8	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 16000	21.9	39.8	48.0	53.4	61.9	65.0	68.8	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 14000	23.7	41.7	50.0	55.8	64.3	67.4	71.2	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 12000	23.8	42.2	50.6	56.7	65.2	68.3	72.3	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 10000	26.0	47.3	56.1	62.2	71.0	74.6	78.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 9000	26.0	47.3	56.1	62.2	71.0	74.6	78.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 8000	26.3	48.9	57.7	63.9	73.0	77.1	81.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 7000	26.3	48.9	57.7	63.9	73.0	77.1	81.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 6000	27.0	50.0	58.8	65.0	74.3	78.5	82.8	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 5000	27.1	50.5	59.6	66.0	75.5	79.8	84.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 4500	27.3	50.8	59.9	66.3	75.9	80.1	84.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 4000	27.3	52.0	61.1	67.9	77.4	81.7	85.9	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 3500	28.2	53.0	62.1	69.0	78.5	82.8	87.0	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 3000	28.2	54.4	63.8	71.2	80.9	85.7	90.1	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 2500	28.4	54.9	64.4	71.8	81.7	86.5	90.9	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2000	29.0	56.0	65.7	73.0	82.9	87.8	92.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1800	29.0	56.0	65.7	73.0	83.1	87.9	92.5	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1500	29.2	56.4	66.3	73.7	83.9	88.9	93.7	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1200	29.3	56.6	66.5	74.0	84.2	89.3	94.2	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1000	29.5	57.2	67.1	74.6	84.8	90.0	95.1	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 900	29.5	57.2	67.1	74.6	84.8	90.0	95.1	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 800	29.5	57.4	67.2	74.8	85.1	90.4	95.9	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 700	29.5	57.4	67.2	74.8	85.1	90.6	96.2	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 600	29.5	57.4	67.2	74.8	85.1	90.8	96.4	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 500	29.5	57.5	67.4	75.1	85.7	91.4	97.2	98.7	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	29.5	57.5	67.4	75.1	85.7	91.4	97.2	98.7	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	29.5	57.5	67.4	75.1	85.7	91.4	97.2	98.9	98.9	99.4	99.7	99.7	99.7	99.7	99.8	99.8
GE 200	29.5	57.5	67.4	75.1	85.9	91.5	97.3	99.1	99.1	99.5	99.8	99.8	99.8	99.8	100.0	100.0
GE 100	29.5	57.5	67.4	75.1	85.9	91.5	97.3	99.1	99.1	99.5	99.8	99.8	99.8	99.8	100.0	100.0
GE 0	29.5	57.5	67.4	75.1	85.9	91.5	97.3	99.1	99.1	99.5	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 638

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-82,86-87

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	18.9	38.7	43.8	48.8	53.9	57.1	62.2	62.7	62.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 20000	22.6	43.8	50.2	55.8	62.7	65.9	71.9	72.4	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 18000	22.6	43.8	50.2	55.8	62.7	65.9	71.9	72.4	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 16000	22.6	43.8	50.2	55.8	62.7	65.9	71.9	72.4	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 14000	23.5	44.7	51.2	57.1	64.1	67.3	73.3	73.7	73.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 12000	23.5	45.2	51.6	57.6	64.5	67.7	73.7	74.2	74.2	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 10000	24.9	49.3	56.2	63.1	70.0	74.7	80.6	81.1	81.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 9000	24.9	49.3	56.2	63.1	70.0	74.7	80.6	81.1	81.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 8000	24.9	50.2	57.6	65.0	71.9	76.5	82.9	83.4	83.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 7000	25.3	50.7	58.1	65.4	72.4	77.0	83.4	83.9	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 6000	26.3	51.6	59.4	66.8	73.7	78.3	84.8	85.3	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 5000	26.7	52.1	59.9	67.7	75.6	80.2	86.6	87.1	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 4500	26.7	52.1	59.9	67.7	75.6	80.2	86.6	87.1	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 4000	26.7	53.9	62.2	70.5	78.3	83.4	90.3	90.8	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 3500	26.7	54.8	63.1	71.4	79.3	84.3	91.2	91.7	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 3000	26.7	56.2	64.5	72.8	80.6	85.7	92.6	93.1	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 2500	26.7	56.2	65.0	73.3	81.1	86.2	93.1	93.5	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2000	26.7	56.7	65.9	74.7	82.5	88.0	94.9	95.4	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1800	26.7	56.7	65.9	74.7	82.9	88.5	95.4	95.9	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1500	26.7	57.1	66.4	75.1	83.4	89.4	96.3	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1200	26.7	57.1	66.4	75.1	83.4	89.4	96.3	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1000	26.7	57.1	66.4	75.1	83.9	90.3	97.2	97.7	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 900	26.7	57.1	66.4	75.1	83.9	90.3	97.2	97.7	97.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	26.7	57.1	66.8	75.6	84.3	90.8	97.7	98.2	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	26.7	57.1	66.8	75.6	84.3	90.8	97.7	98.6	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	26.7	57.1	66.8	75.6	84.3	90.8	97.7	98.6	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	27.2	57.6	67.3	76.0	84.8	91.2	98.2	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	27.2	57.6	67.3	76.0	84.8	91.2	98.2	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	27.2	57.6	67.3	76.0	84.8	91.2	98.2	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	27.2	57.6	67.3	76.0	84.8	91.2	98.2	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	27.2	57.6	67.3	76.0	84.8	91.2	98.2	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	27.2	57.6	67.3	76.0	84.8	91.2	98.2	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 217

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 1/2	GE 3/4	GE 1	GE 1 1/4	GE 1 1/2	GE 1 3/4	GE 2	GE 2 1/2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10
NO CEIL	16.6	29.4	34.5	39.5	46.1	49.5	51.7	52.9	52.9	53.3	53.4	53.4	53.4	53.4	53.4	53.5	53.5
GE 2000	20.9	36.4	42.9	48.8	56.7	60.7	63.3	64.6	64.7	65.1	65.2	65.2	65.2	65.2	65.2	65.3	65.3
GE 1800	21.0	36.4	42.9	48.8	56.7	60.7	63.3	64.6	64.7	65.1	65.2	65.2	65.2	65.2	65.3	65.3	65.3
GE 1600	21.0	36.4	42.9	48.8	56.7	60.7	63.3	64.6	64.7	65.1	65.2	65.2	65.2	65.2	65.3	65.3	65.3
GE 1400	21.9	38.0	44.6	50.8	58.8	62.9	65.5	66.8	66.8	67.3	67.4	67.4	67.4	67.4	67.4	67.5	67.5
GE 1200	22.1	38.4	45.0	51.3	59.4	63.5	66.1	67.4	67.5	67.9	68.0	68.0	68.0	68.0	68.1	68.1	68.1
GE 1000	23.6	42.3	49.7	56.4	65.1	69.6	72.3	73.8	73.8	74.3	74.4	74.4	74.4	74.4	74.5	74.5	74.5
GE 900	23.6	42.3	49.7	56.4	65.1	69.6	72.3	73.8	73.8	74.3	74.4	74.4	74.4	74.4	74.5	74.5	74.5
GE 800	24.2	43.7	51.4	58.5	67.7	72.3	75.2	76.6	76.7	77.2	77.3	77.3	77.3	77.3	77.3	77.4	77.4
GE 700	24.4	44.1	51.9	59.0	68.3	72.9	75.8	77.2	77.3	77.8	77.9	77.9	77.9	77.9	77.9	77.9	78.0
GE 600	24.7	44.6	52.5	59.8	69.2	73.9	76.8	78.2	78.3	78.8	78.8	78.8	78.8	78.9	78.9	78.9	79.0
GE 500	25.0	45.4	53.5	60.8	70.4	75.1	78.0	79.5	79.5	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.3
GE 450	25.0	45.4	53.5	60.9	70.4	75.2	78.1	79.5	79.6	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.3
GE 400	25.4	46.3	54.5	62.0	71.7	76.4	79.4	80.9	81.0	81.5	81.6	81.6	81.6	81.6	81.6	81.7	81.7
GE 350	25.7	47.0	55.3	62.9	72.7	77.5	80.5	81.9	82.0	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.8
GE 300	26.4	48.5	57.0	64.9	75.0	80.1	83.3	84.8	84.9	85.4	85.5	85.5	85.5	85.5	85.5	85.6	85.6
GE 250	27.3	50.0	59.0	67.1	77.3	82.6	85.8	87.4	87.5	88.0	88.1	88.1	88.1	88.1	88.1	88.2	88.2
GE 200	28.3	51.8	61.1	69.5	79.9	85.2	88.5	90.1	90.2	90.7	90.8	90.8	90.8	90.8	90.9	90.9	90.9
GE 180	28.6	52.3	61.6	70.1	80.6	86.0	89.3	90.9	91.0	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.8
GE 150	29.1	53.4	62.9	71.5	82.1	87.6	91.1	92.8	92.9	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6
GE 120	29.3	53.7	63.3	71.9	82.7	88.2	91.8	93.5	93.6	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.4
GE 100	29.4	54.2	63.9	72.6	83.6	89.4	93.1	94.9	95.0	95.6	95.7	95.7	95.7	95.7	95.7	95.8	95.8
GE 90	29.4	54.2	63.9	72.7	83.7	89.5	93.2	95.0	95.1	95.8	95.8	95.8	95.8	95.9	95.9	95.9	96.0
GE 80	29.5	54.3	64.1	73.0	84.1	90.2	94.1	95.8	95.9	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.9
GE 70	29.5	54.4	64.2	73.1	84.3	90.4	94.4	96.2	96.3	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2
GE 60	29.5	54.4	64.3	73.2	84.4	90.6	94.6	96.4	96.6	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5
GE 50	29.5	54.6	64.5	73.6	85.2	91.6	95.9	98.0	98.2	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2
GE 40	29.5	54.6	64.6	73.6	85.2	91.6	96.0	98.2	98.4	99.2	99.3	99.3	99.3	99.4	99.4	99.5	99.5
GE 30	29.5	54.6	64.6	73.6	85.2	91.7	96.0	98.3	98.5	99.3	99.5	99.5	99.5	99.6	99.6	99.7	99.7
GE 20	29.5	54.6	64.6	73.6	85.3	91.7	96.0	98.3	98.5	99.3	99.5	99.5	99.5	99.7	99.7	99.8	99.9
GE 10	29.5	54.6	64.6	73.6	85.3	91.7	96.0	98.4	98.5	99.4	99.6	99.6	99.6	99.7	99.8	99.8	99.9
GE 0	29.5	54.6	64.6	73.6	85.3	91.7	96.0	98.4	98.5	99.4	99.6	99.6	99.7	99.8	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 4249

GLOBAL CLIMATOLOGY BRANCH  
 USAF/TAC  
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-87  
 MONTH: SEP HOURS(1ST): 0600-0600

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 1/16	GE 1/4	GE 0
NO CEIL	8.4	23.7	28.6	34.2	42.7	47.5	50.7	52.9	52.9	54.7	56.0	56.0	56.5	56.6	57.4	57.8
GE 2000	9.6	27.7	33.9	40.4	49.9	55.3	58.9	61.1	61.1	63.1	64.5	64.5	65.1	65.2	66.1	66.5
GE 1800	9.6	27.7	33.9	40.4	49.9	55.3	58.9	61.1	61.1	63.1	64.5	64.5	65.1	65.2	66.1	66.5
GE 1600	9.6	27.7	33.9	40.4	49.9	55.3	59.0	61.2	61.2	63.2	64.6	64.6	65.2	65.3	66.2	66.6
GE 1400	9.8	28.8	35.4	42.1	51.8	57.3	61.0	63.2	63.2	65.2	66.6	66.6	67.2	67.3	68.2	68.6
GE 1200	9.9	29.4	36.3	43.2	52.9	58.5	62.2	64.6	64.6	66.6	68.0	68.0	68.6	68.7	69.6	69.9
GE 1000	10.8	32.2	39.3	46.7	56.8	62.9	66.7	69.2	69.2	71.2	72.5	72.5	73.2	73.3	74.2	74.5
GE 900	10.8	32.2	39.3	46.7	56.8	62.9	66.7	69.2	69.2	71.2	72.5	72.5	73.2	73.3	74.2	74.5
GE 800	11.7	33.7	41.1	48.6	58.6	64.8	68.8	71.3	71.3	73.4	74.8	74.8	75.4	75.5	76.4	76.8
GE 700	11.9	34.3	41.7	49.2	59.3	65.5	69.4	71.9	71.9	74.0	75.4	75.4	76.0	76.1	77.0	77.4
GE 600	12.2	34.7	42.4	49.9	60.1	66.5	70.4	72.9	72.9	75.0	76.4	76.4	77.0	77.1	78.0	78.4
GE 500	12.4	35.4	43.5	51.1	62.0	68.4	72.4	74.9	74.9	77.0	78.4	78.4	79.0	79.1	80.0	80.4
GE 450	12.5	35.5	43.6	51.2	62.1	68.6	72.5	75.0	75.0	77.1	78.5	78.5	79.1	79.3	80.1	80.5
GE 400	12.8	36.8	44.8	52.4	63.6	70.3	74.3	76.8	76.8	78.9	80.2	80.2	80.9	81.0	81.9	82.2
GE 350	12.8	36.9	44.8	52.5	63.7	70.4	74.4	76.9	76.9	79.0	80.4	80.4	81.0	81.1	82.0	82.4
GE 300	12.9	37.9	46.3	53.9	65.3	72.4	76.6	79.3	79.3	81.4	82.7	82.7	83.5	83.6	84.5	84.8
GE 250	13.0	38.3	46.7	54.4	66.0	73.2	77.8	80.5	80.5	82.6	84.0	84.0	84.7	84.8	85.8	86.2
GE 200	13.2	39.0	47.5	55.2	66.8	74.2	79.0	81.7	81.7	84.0	85.3	85.3	86.1	86.2	87.2	87.6
GE 180	13.2	39.0	47.7	55.4	67.1	74.4	79.3	82.0	82.0	84.2	85.6	85.6	86.3	86.5	87.5	87.8
GE 150	13.2	39.4	48.3	56.1	68.3	75.9	80.9	83.6	83.7	86.1	87.5	87.5	88.2	88.3	89.3	89.7
GE 120	13.2	39.4	48.3	56.4	68.8	76.5	81.5	84.2	84.3	86.7	88.1	88.1	88.8	88.9	89.9	90.3
GE 100	13.2	39.5	48.7	57.0	69.7	77.5	82.5	85.2	85.3	87.7	89.1	89.1	89.8	89.9	90.9	91.3
GE 90	13.2	39.6	48.8	57.1	69.9	77.8	82.7	85.5	85.6	88.0	89.3	89.3	90.1	90.2	91.2	91.6
GE 80	13.2	40.0	49.2	57.8	70.6	78.5	83.6	86.3	86.5	88.8	90.3	90.3	91.1	91.3	92.3	92.7
GE 70	13.2	40.0	49.3	57.9	70.8	78.9	84.1	87.0	87.1	89.4	90.9	90.9	91.7	91.9	92.9	93.3
GE 60	13.2	40.0	49.4	58.0	71.1	79.5	84.7	87.6	87.7	90.1	91.6	91.6	92.3	92.5	93.5	93.9
GE 50	13.3	40.1	49.7	58.4	71.8	80.6	86.2	89.2	89.3	91.7	93.2	93.2	93.9	94.2	95.2	95.5
GE 40	13.3	40.1	49.7	58.4	71.8	81.0	86.8	89.1	90.2	92.5	94.0	94.0	94.8	95.0	96.0	96.5
GE 30	13.3	40.1	49.9	58.6	72.0	81.5	87.7	91.2	91.3	93.9	95.4	95.4	96.3	96.5	97.9	98.4
GE 20	13.3	40.1	49.9	58.6	72.0	81.5	87.7	91.2	91.3	94.2	95.7	95.7	96.5	96.8	98.1	98.6
GE 10	13.3	40.1	49.9	58.6	72.0	81.5	87.7	91.2	91.3	94.2	95.7	95.7	96.5	96.8	98.1	99.0
GE CL	13.3	40.1	49.9	58.6	72.0	81.5	87.7	91.2	91.3	94.2	95.7	95.7	96.5	96.8	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS: PLS

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1/2	GE 5/8	GE 3/4	GE 1	GE 1 1/4	GE 1 1/2	GE 1 3/4	GE 2	GE 2 1/2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8
NO CEIL	26.4	41.7	45.0	48.2	52.1	54.9	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 2000	29.8	47.5	51.8	55.6	59.9	62.9	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 1800	29.8	47.5	51.8	55.6	59.9	62.9	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 1600	29.8	47.5	51.8	55.6	59.9	62.9	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 1400	30.6	48.7	53.4	57.4	61.8	64.9	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 1200	31.5	49.9	54.6	58.9	63.2	66.4	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 1000	33.9	54.2	60.1	64.6	69.4	72.5	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 900	33.9	54.2	60.1	64.6	69.4	72.5	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 800	35.2	55.9	61.8	66.3	71.1	74.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 700	35.5	56.2	62.1	66.6	71.4	74.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 600	35.6	56.3	62.2	66.7	71.5	74.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 500	36.0	57.3	63.2	67.9	73.0	76.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 450	36.0	57.3	63.4	68.0	73.1	76.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 400	36.6	58.7	64.7	69.4	74.4	77.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 350	37.1	59.2	65.5	70.2	75.2	78.3	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 300	37.5	59.9	66.1	70.9	76.2	79.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 250	38.9	62.1	68.5	73.3	78.8	82.2	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 200	40.0	64.7	71.3	76.3	81.8	85.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 180	40.2	65.4	72.1	77.1	82.6	86.0	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 150	40.4	66.6	73.6	78.8	84.6	88.7	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 120	40.6	67.4	74.9	80.8	86.7	90.8	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 100	40.6	68.3	75.9	82.1	88.7	93.0	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 90	40.6	68.4	76.0	82.2	89.2	93.4	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 80	40.6	68.9	76.6	82.9	89.8	94.1	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 70	40.6	69.2	76.9	83.2	90.2	94.6	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 60	40.6	69.2	76.9	83.2	90.2	94.7	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 50	40.6	69.4	77.1	83.6	90.9	95.6	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 40	40.6	69.4	77.1	83.6	90.9	96.3	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 30	40.6	69.4	77.1	83.6	90.9	96.5	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 20	40.6	69.4	77.1	83.6	90.9	96.5	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 10	40.6	69.4	77.1	83.6	90.9	96.5	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 0	40.6	69.4	77.1	83.6	90.9	96.5	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 895

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-87  
 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 5/16	GE 1/4	GE 0
NO CEIL	31.6	43.1	46.7	49.4	52.1	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 20000	38.5	53.3	57.9	61.1	64.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 18000	38.5	53.3	57.9	61.1	64.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 16000	38.5	53.3	57.9	61.1	64.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 14000	39.1	54.0	58.6	61.8	64.8	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 12000	39.1	54.3	58.9	62.1	65.1	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 10000	42.2	58.1	63.5	67.1	70.5	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 9000	42.2	58.1	63.5	67.1	70.5	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 8000	43.3	60.5	65.9	69.6	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 7000	43.5	60.9	66.4	70.0	73.4	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 6000	44.0	61.4	66.9	70.6	74.1	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 5000	44.8	62.6	68.4	72.2	75.6	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 4500	45.1	63.5	69.3	73.1	76.5	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 4000	45.9	64.4	70.3	74.3	77.7	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 3500	46.5	65.6	71.8	75.8	79.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 3000	47.4	67.5	74.2	78.2	81.8	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 2500	49.2	70.6	78.0	82.3	86.3	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 2000	52.7	73.3	80.8	85.4	89.4	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1800	50.8	73.4	81.0	85.5	89.5	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1500	51.1	74.5	82.2	86.7	91.1	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1200	51.1	74.6	82.5	87.2	91.5	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1000	51.2	74.9	82.9	87.8	92.1	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 900	51.2	75.1	83.1	88.2	92.5	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 800	51.3	75.3	83.3	88.6	93.1	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 700	51.4	75.5	83.6	89.0	93.4	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 600	51.6	75.6	83.7	89.3	94.0	96.7	97.1	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 500	51.6	75.7	83.9	89.9	94.8	97.9	98.4	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	51.6	75.7	83.9	90.0	95.0	98.1	98.8	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	51.6	75.7	83.9	90.0	95.1	98.2	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	51.6	75.7	83.9	90.0	95.1	98.2	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	51.6	75.7	83.9	90.0	95.1	98.2	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 898

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-87  
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	31.3	43.0	47.7	50.6	52.6	53.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 2000	37.0	52.2	57.7	61.4	63.3	64.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 1800	37.0	52.2	57.7	61.4	63.3	64.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 1600	37.0	52.2	57.7	61.4	63.3	64.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 1400	37.5	53.2	59.0	62.8	64.7	65.6	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 1200	38.5	54.3	60.2	64.2	66.1	67.0	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 1000	40.8	58.8	65.3	70.0	72.4	73.2	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 900	40.8	58.8	65.3	70.0	72.4	73.2	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 800	41.5	60.5	67.3	71.9	74.3	75.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 700	41.7	60.8	67.6	72.2	74.6	75.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 600	42.2	62.5	69.5	74.3	76.7	77.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 500	42.5	63.6	70.9	75.9	78.3	79.1	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 450	42.7	64.2	71.7	76.6	79.0	79.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 400	43.2	65.0	72.5	77.6	80.0	80.8	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 350	44.0	66.3	74.3	79.4	81.9	82.8	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 300	44.4	67.6	76.0	81.4	84.1	85.0	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 250	45.4	69.8	78.6	84.3	87.7	88.7	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 200	45.7	70.9	80.0	86.0	89.4	90.4	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 180	45.7	70.9	80.0	86.0	89.4	90.4	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 150	46.1	71.8	81.0	87.4	90.8	91.8	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 120	46.4	72.4	81.7	88.3	91.8	92.8	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 100	46.4	72.9	82.2	89.0	92.7	93.9	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 90	46.4	72.9	82.2	89.0	92.7	94.1	95.6	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 80	46.4	73.2	82.5	89.4	93.1	94.5	96.1	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 70	46.4	73.3	82.7	89.7	93.7	95.1	96.6	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 60	46.4	73.3	82.7	89.7	93.8	95.2	96.9	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 50	46.4	73.3	82.7	89.8	94.6	96.1	97.7	98.9	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.2
GE 40	46.4	73.3	82.7	90.0	94.8	96.2	98.0	99.4	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 30	46.4	73.3	82.7	90.0	94.8	96.2	98.0	99.4	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 20	46.4	73.3	82.7	90.0	94.8	96.2	98.0	99.4	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 10	46.4	73.3	82.7	90.0	94.8	96.2	98.0	99.4	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	46.4	73.3	82.7	90.0	94.8	96.2	98.0	99.4	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 709

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-82,86-87  
 MONTH: SEP HOURS/LS1: 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	27.5	46.4	50.7	53.6	56.4	57.3	59.8	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 2000	29.5	50.2	55.4	58.5	61.4	62.4	64.8	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 1800	29.5	50.2	55.4	58.5	61.4	62.4	64.8	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 1600	29.5	50.2	55.4	58.5	61.4	62.4	64.8	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 1400	30.0	52.0	57.2	60.3	63.2	64.3	66.8	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 1200	30.8	52.9	58.1	61.6	64.5	65.6	68.1	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 1000	31.3	56.4	62.1	66.3	71.0	72.1	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 900	31.3	56.4	62.1	66.3	71.0	72.1	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 800	31.6	57.8	63.5	67.9	72.6	73.9	76.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 700	31.8	58.1	63.8	68.4	73.1	74.4	76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 600	32.6	60.4	66.3	70.8	75.9	77.2	79.6	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 500	33.2	62.1	68.4	73.0	78.5	79.8	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 450	33.6	62.5	68.9	73.5	79.0	80.3	82.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 400	33.9	63.5	70.0	74.6	80.1	81.4	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 350	34.0	63.8	70.4	74.9	80.6	81.9	84.5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 300	34.9	67.1	74.1	78.7	85.2	86.5	89.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 250	35.2	68.1	75.7	80.6	87.5	88.8	91.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 200	35.5	68.7	76.4	81.8	88.8	90.1	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 180	35.8	69.1	76.7	82.2	89.3	90.6	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 150	36.0	69.5	77.4	83.2	90.7	92.0	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 120	36.0	69.7	77.5	83.6	91.2	92.5	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 100	36.0	69.9	77.9	83.9	92.2	93.5	96.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 90	36.0	69.9	77.9	84.0	92.3	93.6	96.4	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 80	36.0	70.0	78.0	84.2	92.5	93.8	96.6	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 70	36.0	70.0	78.0	84.2	92.7	94.0	96.7	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 60	36.0	70.0	78.2	84.4	92.8	94.1	96.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 50	36.0	70.0	78.2	84.5	93.0	94.5	97.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 40	36.0	70.2	78.3	84.7	93.3	95.1	98.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 30	36.0	70.2	78.3	84.7	93.3	95.1	98.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 20	36.0	70.2	78.3	84.7	93.3	95.1	98.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 10	36.0	70.2	78.3	84.7	93.3	95.1	98.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 0	36.0	70.2	78.3	84.7	93.3	95.1	98.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 614

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-82,86-87  
MONTH: SEP HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1 1/8	GE 1 1/4	GE 1 3/8	GE 1 1/2	GE 1 5/8	GE 1 3/4	GE 1 7/8	GE 2	GE 2 1/8	GE 2 1/4	GE 2 3/8	GE 2 1/2	GE 2 5/8	GE 2 3/4	GE 3
NO CEIL	25.2	49.0	51.9	54.4	57.8	59.2	61.7	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 2000	26.7	52.4	55.8	58.7	62.1	63.6	66.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 1800	26.7	52.4	55.8	58.7	62.1	63.6	66.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 1600	26.7	52.4	55.8	58.7	62.1	63.6	66.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 1400	26.7	53.4	56.8	59.7	63.1	64.6	67.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 1200	27.2	53.9	57.3	60.7	64.1	65.5	68.0	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 1000	27.2	55.8	59.7	64.6	68.4	69.9	72.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 900	27.2	55.8	59.7	64.6	68.4	69.9	72.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 800	27.7	57.8	62.6	67.5	71.8	73.3	75.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 700	27.7	57.8	62.6	67.5	71.8	73.3	75.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 600	27.7	59.2	64.1	69.4	73.8	75.2	77.7	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 500	28.6	62.1	68.0	73.3	77.7	79.1	81.6	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 450	29.1	62.6	68.4	73.8	78.2	79.6	82.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 400	29.1	63.6	69.9	75.2	79.6	81.1	83.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 350	29.1	63.6	69.9	75.2	80.6	82.0	84.5	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 300	29.6	66.5	72.8	78.2	83.5	85.0	87.9	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 250	30.1	68.0	76.2	81.6	86.9	88.3	91.3	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 200	30.1	68.0	76.2	82.0	87.4	88.8	91.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 180	30.6	68.4	77.2	82.5	87.9	89.3	92.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 150	30.6	68.9	78.2	84.0	90.3	91.7	94.7	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 120	30.6	68.9	78.2	84.0	90.3	91.7	94.7	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 100	30.6	68.9	79.2	84.0	90.3	91.7	94.7	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 90	30.6	68.9	78.6	84.5	90.6	92.2	95.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 80	30.6	68.9	78.6	84.5	90.6	92.2	95.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 70	30.6	69.9	79.6	85.9	92.2	93.7	96.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 60	30.6	69.9	79.6	85.9	92.2	93.7	96.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 50	30.6	69.9	79.6	86.4	92.7	94.2	97.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 40	30.6	69.9	79.6	86.4	92.7	94.2	97.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 30	30.6	69.9	79.6	86.4	92.7	94.2	97.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 20	30.6	69.9	79.6	86.4	92.7	94.2	97.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 10	30.6	69.9	79.6	86.4	92.7	94.2	97.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 0	30.6	69.9	79.6	86.4	92.7	94.2	97.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS: 236

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-87  
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	25.0	39.8	43.8	47.2	51.3	53.3	54.8	55.4	55.4	55.7	56.0	56.0	56.1	56.1	56.2	56.3
GE 2000	28.8	46.4	51.4	55.4	59.8	62.0	63.6	64.1	64.1	64.5	64.8	64.8	64.9	64.9	65.1	65.2
GE 1800	28.8	46.4	51.4	55.4	59.8	62.0	63.6	64.1	64.1	64.5	64.8	64.8	64.9	64.9	65.1	65.2
GE 1600	28.8	46.4	51.4	55.4	59.8	62.0	63.6	64.2	64.2	64.6	64.8	64.8	64.9	65.0	65.1	65.2
GE 1400	29.2	47.5	52.7	56.8	61.3	63.5	65.1	65.7	65.7	66.1	66.4	66.4	66.5	66.5	66.7	66.8
GE 1200	29.8	48.3	53.6	57.9	62.4	64.6	66.2	66.9	66.9	67.3	67.5	67.5	67.7	67.7	67.8	67.9
GE 1000	31.6	52.0	57.9	62.8	67.9	70.2	71.9	72.5	72.5	72.9	73.2	73.2	73.3	73.3	73.5	73.6
GE 900	31.6	52.0	57.9	62.8	67.9	70.2	71.9	72.5	72.5	72.9	73.2	73.2	73.3	73.3	73.5	73.6
GE 800	32.5	53.7	59.9	64.8	69.9	72.3	74.0	74.7	74.7	75.1	75.3	75.3	75.5	75.5	75.6	75.7
GE 700	32.8	54.1	60.3	65.2	70.3	72.7	74.4	75.1	75.1	75.5	75.7	75.7	75.9	75.9	76.1	76.1
GE 600	33.1	55.0	61.3	66.3	71.5	74.0	75.6	76.3	76.3	76.7	77.0	77.0	77.1	77.1	77.3	77.4
GE 500	33.6	56.2	62.8	67.9	73.4	75.9	77.6	78.2	78.2	78.6	78.9	78.9	79.0	79.0	79.2	79.3
GE 450	33.9	56.6	63.3	68.4	73.8	76.3	78.0	78.7	78.7	79.1	79.4	79.4	79.5	79.5	79.7	79.7
GE 400	34.3	57.7	64.4	69.6	75.1	77.6	79.4	80.0	80.0	80.4	80.7	80.7	80.8	80.8	81.0	81.1
GE 350	34.7	58.4	65.3	70.5	76.1	78.8	80.5	81.2	81.2	81.6	81.9	81.9	82.0	82.0	82.2	82.3
GE 300	35.3	60.0	67.2	72.5	78.4	81.2	83.1	83.8	83.8	84.2	84.4	84.4	84.6	84.6	84.8	84.9
GE 250	36.2	61.8	69.5	75.0	81.1	84.1	86.0	86.7	86.7	87.1	87.4	87.4	87.5	87.6	87.8	87.8
GE 200	36.9	63.4	71.2	76.9	83.2	86.1	88.1	88.9	88.9	89.3	89.6	89.6	89.7	89.7	89.9	90.0
GE 180	37.0	63.6	71.6	77.3	83.5	86.5	88.5	89.2	89.2	89.7	89.9	89.9	90.1	90.1	90.3	90.4
GE 150	37.3	64.5	72.6	78.5	85.1	88.4	90.5	91.3	91.3	91.7	92.0	92.0	92.1	92.2	92.4	92.4
GE 120	37.3	64.8	73.1	79.3	86.0	89.3	91.5	92.3	92.3	92.8	93.0	93.0	93.2	93.2	93.4	93.5
GE 100	37.4	65.2	73.6	80.0	87.0	90.5	92.7	93.5	93.5	94.0	94.3	94.3	94.4	94.5	94.6	94.7
GE 90	37.4	65.3	73.7	80.2	87.3	90.8	93.0	93.8	93.8	94.4	94.6	94.6	94.8	94.8	95.0	95.1
GE 80	37.4	65.6	74.0	80.6	87.8	91.3	93.5	94.4	94.4	94.9	95.2	95.2	95.4	95.4	95.6	95.7
GE 70	37.4	65.7	74.3	80.9	88.2	91.8	94.1	94.9	95.0	95.5	95.8	95.8	95.9	96.0	96.2	96.2
GE 60	37.4	65.8	74.3	81.1	88.4	92.1	94.5	95.4	95.5	96.0	96.3	96.3	96.5	96.5	96.7	96.8
GE 50	37.5	65.9	74.5	81.4	89.1	93.0	95.6	96.9	96.9	97.6	97.9	97.9	98.1	98.1	98.3	98.4
GE 40	37.5	65.9	74.5	81.5	89.2	93.4	96.1	97.6	97.6	98.3	98.6	98.6	98.8	98.8	99.1	99.2
GE 30	37.5	65.9	74.5	81.5	89.3	93.6	96.4	97.9	97.9	98.6	99.0	99.0	99.2	99.3	99.5	99.6
GE 20	37.5	65.9	74.5	81.5	89.3	93.6	96.4	97.9	97.9	98.7	99.0	99.0	99.3	99.3	99.6	99.7
GE 10	37.5	65.9	74.5	81.5	89.3	93.6	96.4	97.9	97.9	98.7	99.0	99.0	99.3	99.3	99.6	99.8
GE 0	37.5	65.9	74.5	81.5	89.3	93.6	96.4	97.9	97.9	98.7	99.0	99.0	99.3	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 4127

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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	13.0	27.7	32.2	36.3	42.9	45.4	47.7	48.9	49.1	51.1	51.1	51.1	51.8	52.3	54.5	55.5
GE 20000	14.3	30.3	35.5	39.8	46.6	49.2	51.5	52.7	52.8	54.9	54.9	54.9	55.6	56.1	58.7	59.8
GE 18000	14.3	30.3	35.5	39.8	46.6	49.2	51.5	52.7	52.8	54.9	54.9	54.9	55.6	56.1	58.7	59.8
GE 16000	14.3	30.3	35.5	39.8	46.6	49.2	51.5	52.7	52.8	54.9	54.9	54.9	55.6	56.1	58.7	59.8
GE 14000	14.3	31.4	36.5	41.5	48.3	50.8	53.1	54.5	54.6	56.6	56.6	56.6	57.4	57.9	60.4	61.6
GE 12000	14.4	31.5	36.8	41.7	48.5	51.1	53.4	54.7	54.9	56.9	56.9	56.9	57.6	58.2	60.7	61.9
GE 10000	15.8	34.3	40.3	45.6	53.0	55.6	57.9	59.3	59.4	61.4	61.4	61.4	62.2	62.7	65.2	66.5
GE 9000	15.8	34.5	40.6	45.9	53.2	55.9	58.2	59.5	59.7	61.7	61.7	61.7	62.5	63.0	65.5	66.8
GE 8000	16.9	37.0	43.6	49.1	56.5	59.2	61.7	63.1	63.2	65.2	65.2	65.2	66.0	66.5	69.0	70.3
GE 7000	17.7	38.2	44.9	50.3	57.8	60.4	63.0	64.5	64.6	66.6	66.6	66.6	67.4	67.9	70.4	71.7
GE 6000	17.8	38.9	45.9	51.6	59.2	61.8	64.5	66.0	66.1	68.1	68.1	68.1	68.9	69.4	71.9	73.2
GE 5000	17.8	39.3	46.6	52.7	60.6	63.6	66.4	67.9	68.0	70.2	70.2	70.2	71.0	71.6	74.1	75.3
GE 4500	18.0	39.6	46.9	53.0	61.1	64.1	67.0	68.5	68.6	70.8	70.8	70.8	71.7	72.2	74.7	76.0
GE 4000	18.6	41.0	48.4	54.5	62.8	65.9	69.0	70.7	70.8	72.9	72.9	72.9	73.8	74.3	76.9	78.1
GE 3500	18.7	41.3	48.9	55.0	63.3	66.5	69.7	71.3	71.4	73.6	73.6	73.6	74.5	75.0	77.5	78.8
GE 3000	19.0	42.9	50.6	56.8	65.1	68.5	71.7	73.3	73.5	75.7	75.7	75.7	76.6	77.1	79.6	80.9
GE 2500	19.5	43.7	51.7	58.2	66.5	70.0	73.3	75.0	75.1	77.4	77.4	77.4	78.3	78.8	81.3	82.6
GE 2000	19.5	43.9	52.2	58.9	67.5	71.2	74.5	76.1	76.2	78.5	78.5	78.5	79.4	79.9	82.4	83.7
GE 1800	19.5	43.9	52.2	58.9	67.5	71.2	74.5	76.1	76.2	78.5	78.5	78.5	79.4	79.9	82.4	83.7
GE 1500	19.5	44.4	53.0	59.9	68.6	72.3	75.6	77.2	77.4	79.6	79.6	79.6	80.5	81.0	83.6	84.8
GE 1200	19.5	44.5	53.5	60.7	69.5	73.3	76.6	78.3	78.4	80.7	80.7	80.7	81.5	82.0	84.6	85.8
GE 1000	19.5	44.8	53.9	61.2	70.0	74.1	77.4	79.1	79.3	81.5	81.5	81.5	82.4	82.9	85.5	86.7
GE 900	19.5	44.9	54.2	61.6	70.4	74.5	77.7	79.5	79.6	81.9	81.9	81.9	82.8	83.3	85.8	87.1
GE 800	19.5	45.6	55.2	62.7	72.1	76.4	79.6	81.5	81.7	83.9	83.9	83.9	84.8	85.3	87.9	89.1
GE 700	19.5	45.8	55.6	63.5	72.8	77.2	80.5	82.6	82.7	85.0	85.0	85.0	85.8	86.3	88.9	90.1
GE 600	19.5	45.8	55.6	63.6	72.9	77.7	81.3	83.4	83.6	85.8	85.8	85.8	86.7	87.2	89.8	91.0
GE 500	19.5	46.1	56.0	64.1	73.7	78.6	82.9	85.6	85.7	88.1	88.1	88.1	89.0	89.6	92.2	93.6
GE 400	19.5	46.1	56.1	64.2	73.8	78.9	83.2	86.6	86.7	89.5	89.6	89.6	90.5	91.2	93.7	95.1
GE 300	19.5	46.1	56.1	64.2	74.0	79.0	83.3	86.7	86.9	89.8	90.0	90.0	91.0	91.7	94.2	95.6
GE 200	19.5	46.1	56.1	64.2	74.0	79.0	83.4	86.9	87.0	89.9	90.1	90.1	91.3	91.9	94.4	96.6
GE 100	19.5	46.1	56.1	64.2	74.0	79.0	83.4	86.9	87.0	90.0	90.3	90.3	91.4	92.0	94.8	98.0
GE 0	19.5	46.1	56.1	64.2	74.0	79.0	83.4	86.9	87.0	90.0	90.3	90.3	91.5	92.2	95.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 791

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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	31.1	45.0	49.2	51.5	53.2	53.6	54.1	54.4	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.7
GE 2000	34.7	50.7	56.0	58.3	60.8	61.4	62.0	62.2	62.3	62.4	62.6	62.6	62.6	62.6	62.6	62.6
GE 1800	34.7	50.7	56.0	58.3	60.8	61.4	62.0	62.2	62.3	62.4	62.6	62.6	62.6	62.6	62.6	62.6
GE 1600	34.7	50.7	56.0	58.3	60.8	61.4	62.0	62.2	62.3	62.4	62.6	62.6	62.6	62.6	62.6	62.6
GE 1400	34.8	51.3	56.7	59.4	61.9	62.4	63.1	63.3	63.4	63.5	63.7	63.7	63.7	63.7	63.7	63.7
GE 1200	34.9	52.0	57.4	60.2	62.6	63.2	63.8	64.0	64.2	64.3	64.5	64.5	64.5	64.5	64.5	64.5
GE 1000	36.0	54.6	60.3	63.3	65.9	66.5	67.3	67.5	67.6	67.7	67.9	67.9	67.9	67.9	67.9	67.9
GE 900	36.0	54.6	60.3	63.3	65.9	66.5	67.3	67.5	67.6	67.7	67.9	67.9	67.9	67.9	67.9	67.9
GE 800	36.9	56.3	62.1	65.2	68.1	68.8	69.6	69.9	70.0	70.1	70.3	70.3	70.3	70.3	70.3	70.3
GE 700	37.6	57.1	63.0	66.1	69.0	69.6	70.5	70.7	70.8	70.9	71.2	71.2	71.2	71.2	71.2	71.2
GE 600	37.8	57.7	63.7	66.8	69.8	70.4	71.3	71.5	71.6	71.7	71.9	71.9	71.9	71.9	71.9	71.9
GE 500	38.3	58.3	64.6	67.7	70.6	71.3	72.1	72.3	72.4	72.6	72.8	72.8	72.8	72.8	72.8	72.8
GE 450	38.5	58.7	64.9	68.0	70.9	71.6	72.6	72.8	72.9	73.0	73.2	73.2	73.2	73.2	73.2	73.2
GE 400	38.9	59.6	66.1	69.8	72.7	73.3	74.3	74.5	74.6	74.7	74.9	74.9	74.9	74.9	74.9	74.9
GE 350	39.4	60.9	67.5	71.3	74.2	74.9	75.9	76.1	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.5
GE 300	40.4	63.0	69.5	73.4	76.5	77.4	78.5	78.8	78.9	79.0	79.2	79.2	79.2	79.2	79.2	79.2
GE 250	41.8	64.8	71.5	75.3	78.6	79.4	80.5	80.8	80.9	81.1	81.3	81.3	81.3	81.3	81.3	81.3
GE 200	43.2	66.8	73.5	77.5	80.9	81.8	82.9	83.2	83.3	83.4	83.6	83.6	83.6	83.6	83.6	83.6
GE 1800	43.3	67.3	74.0	78.0	81.5	82.3	83.4	83.7	83.9	84.0	84.2	84.2	84.2	84.2	84.2	84.2
GE 1600	44.0	69.6	76.4	81.1	85.0	86.0	87.2	87.5	87.6	87.7	87.9	87.9	87.9	87.9	87.9	87.9
GE 1200	44.3	70.9	77.8	82.6	86.5	87.7	88.9	89.2	89.3	89.5	89.7	89.7	89.7	89.7	89.7	89.7
GE 1000	44.3	71.2	78.7	83.6	87.9	89.1	90.3	90.6	90.7	90.9	91.1	91.1	91.1	91.1	91.1	91.1
GE 900	44.3	71.2	78.7	83.7	88.2	89.3	90.5	90.9	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3
GE 800	44.3	71.4	78.9	84.1	88.8	90.3	91.6	92.0	92.1	92.2	92.5	92.5	92.5	92.5	92.5	92.5
GE 700	44.3	71.6	79.2	84.5	89.3	91.1	92.4	92.8	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2
GE 600	44.3	72.0	79.8	85.0	90.1	91.9	93.3	93.9	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3
GE 500	44.3	72.3	80.3	85.9	91.1	93.4	95.5	96.3	96.4	96.6	97.0	97.0	97.0	97.0	97.0	97.0
GE 400	44.3	72.4	80.4	86.1	91.4	93.9	96.0	97.4	97.7	98.1	98.3	98.3	98.3	98.3	98.3	98.3
GE 300	44.3	72.4	80.4	86.1	91.4	93.9	96.1	97.6	98.0	98.5	98.9	98.9	98.9	98.9	98.9	98.9
GE 200	44.3	72.4	80.4	86.1	91.4	93.9	96.1	97.6	98.0	98.7	99.1	99.1	99.1	99.2	99.4	99.4
GE 100	44.3	72.4	80.4	86.1	91.4	93.9	96.1	97.6	98.0	98.8	99.4	99.4	99.4	99.5	99.6	99.9
GE 0	44.3	72.4	80.4	86.1	91.4	93.9	96.1	97.6	98.0	98.8	99.4	99.4	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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	33.4	46.2	48.1	49.5	49.7	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 20000	41.7	56.0	58.7	60.1	60.5	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 18000	41.3	56.0	58.7	60.1	60.5	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 16000	41.3	56.0	58.7	60.1	60.5	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 14000	41.7	57.6	60.5	62.0	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 12000	42.7	59.0	61.9	63.5	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 10000	45.3	62.6	65.7	67.4	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 9000	45.3	62.6	65.7	67.4	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 8000	46.5	64.3	67.4	69.1	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 7000	46.8	65.1	68.2	69.9	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 6000	47.1	65.8	69.0	70.9	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 5000	48.4	67.5	70.8	72.6	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 4500	48.5	67.6	70.9	72.7	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 4000	49.9	69.5	72.8	74.7	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 3500	51.0	72.0	75.5	77.4	77.8	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 3000	53.5	74.7	78.4	80.4	81.1	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 2500	55.1	77.6	81.6	83.7	84.4	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 2000	56.3	79.8	84.2	86.2	87.1	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1800	56.3	79.8	84.5	86.6	87.4	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1500	56.6	81.5	86.7	89.9	90.9	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1200	56.9	82.0	87.4	91.1	92.3	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1000	56.9	82.6	88.1	91.9	93.2	93.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 900	57.0	82.7	88.3	92.3	93.8	94.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 800	57.0	82.8	88.5	92.7	94.4	94.9	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 700	57.1	83.3	89.4	93.5	95.5	96.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 600	57.1	83.7	89.7	94.0	96.0	96.9	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 500	57.1	83.8	89.9	94.3	96.5	97.4	98.7	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	57.1	83.8	89.9	94.3	96.7	97.7	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	57.1	83.8	89.9	94.3	96.7	97.7	99.1	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	57.1	83.8	89.9	94.3	96.7	97.7	99.1	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	57.1	83.8	89.9	94.3	96.7	97.7	99.1	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE	57.1	83.8	89.9	94.3	96.7	97.7	99.1	99.6	99.6	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: 746941 STATION NAME: ELIZABETH CITY NC

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	39.0	51.3	54.5	55.9	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	
GE 20000	43.6	58.8	62.9	64.3	64.7	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	
GE 18000	43.6	58.8	62.9	64.3	64.7	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	
GE 16000	43.6	58.8	62.9	64.3	64.7	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	
GE 14000	44.0	59.9	64.1	65.7	66.1	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	
GE 12000	45.0	61.6	65.9	67.6	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	
GE 10000	46.0	64.5	69.8	70.5	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	
GE 9000	46.0	64.5	69.8	70.5	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	
GE 8000	47.1	66.6	70.9	72.7	73.1	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	
GE 7000	47.8	67.3	71.6	73.5	73.9	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	
GE 6000	49.0	68.9	73.2	75.1	75.5	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	
GE 5000	50.2	70.4	74.7	76.6	77.0	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
GE 4000	50.7	71.2	75.8	77.7	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	
GE 4000	52.5	73.5	78.2	80.2	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	
GE 3500	54.0	75.4	80.2	82.2	82.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	
GE 3000	54.4	76.9	81.8	84.4	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	
GE 2500	54.9	78.9	83.8	86.4	86.9	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	
GE 2000	55.9	80.9	86.0	88.6	89.2	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	
GE 1800	56.0	81.2	86.5	89.2	89.9	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	
GE 1500	56.1	82.1	87.6	90.8	91.5	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	
GE 1200	56.1	82.9	88.8	92.6	93.5	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	
GE 1000	56.1	83.2	89.2	93.0	93.9	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	
GE 900	56.1	83.2	89.4	93.1	94.1	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	
GE 800	56.1	83.2	89.4	93.3	94.2	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	
GE 700	56.3	83.6	89.9	93.8	94.8	95.8	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
GE 600	56.4	83.7	90.4	94.3	95.3	96.4	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
GE 500	56.4	83.8	90.6	94.6	95.7	97.0	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 400	56.4	83.8	90.7	94.9	95.8	97.2	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
GE 300	56.4	83.8	90.7	94.8	95.8	97.2	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 200	56.4	83.8	90.7	94.8	95.8	97.2	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 100	56.4	83.8	90.7	94.8	95.8	97.2	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 0	56.4	83.8	90.7	94.8	95.8	97.2	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	

TOTAL NUMBER OF OBSERVATIONS: 743

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 77-82,86  
 MONTH: OCT HOURS (LST): 1800-2400

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	57.5	61.3	62.2	64.5	64.7	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	
GE 20000	33.1	61.0	65.0	66.3	68.7	68.9	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	
GE 18000	33.1	61.0	65.0	66.3	68.7	68.9	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	
GE 16000	33.1	61.0	65.0	66.3	68.7	68.9	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	
GE 14000	33.6	61.7	65.8	67.0	69.5	69.7	69.8	69.8	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	
GE 12000	33.9	62.2	66.3	67.5	70.0	70.1	70.3	70.3	70.3	70.3	70.5	70.5	70.5	70.5	70.5	70.5	
GE 10000	35.9	66.7	70.9	72.2	75.0	75.1	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	
GE 9000	35.9	66.7	70.9	72.2	75.0	75.1	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	
GE 8000	36.5	68.0	72.2	73.4	76.2	76.4	76.5	76.5	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	
GE 7000	36.7	68.1	72.3	73.6	76.4	76.5	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	
GE 6000	37.9	69.8	74.0	75.3	78.4	78.5	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	
GE 5000	39.5	72.2	76.5	77.8	80.9	81.0	81.3	81.3	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	
GE 4500	39.8	72.5	76.8	78.1	81.2	81.3	81.6	81.6	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	
GE 4000	40.1	74.2	78.5	79.9	82.9	83.0	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	
GE 3500	40.4	74.8	79.3	80.6	83.7	83.8	84.1	84.1	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	
GE 3000	41.5	77.8	82.3	83.7	86.8	86.9	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	
GE 2500	41.8	79.5	84.7	85.4	88.5	88.6	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	
GE 2000	42.1	81.2	85.7	87.2	90.5	90.7	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	
GE 1800	42.1	81.2	86.0	87.6	90.8	91.0	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	
GE 1500	42.1	82.1	87.1	89.1	92.5	92.7	93.0	93.0	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	
GE 1200	42.1	83.2	88.6	91.3	94.9	95.0	95.3	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	
GE 1000	42.1	83.4	89.0	91.8	95.6	95.8	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	
GE 900	42.1	83.5	89.1	91.9	95.8	96.0	96.3	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	
GE 800	42.1	83.5	89.1	91.9	95.8	96.0	96.4	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	
GE 700	42.1	83.5	89.1	91.9	95.8	96.0	96.4	96.6	96.6	96.6	96.7	96.9	96.9	96.9	96.9	96.9	
GE 600	42.1	83.5	89.3	92.1	96.0	96.1	96.6	96.7	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	
GE 500	42.1	83.5	89.3	92.2	96.3	96.6	97.5	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	
GE 400	42.1	83.5	89.3	92.4	96.4	96.7	97.8	98.0	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	
GE 300	42.1	83.5	89.3	92.4	96.4	96.9	98.0	98.3	98.3	98.8	99.4	99.4	99.4	99.4	99.4	99.4	
GE 200	42.1	83.5	89.3	92.4	96.4	96.9	98.0	98.3	98.3	98.8	99.4	99.4	99.4	99.4	99.4	99.4	
GE 100	42.1	83.5	89.3	92.4	96.4	96.9	98.0	98.3	98.3	98.8	99.4	99.4	99.4	99.4	99.4	99.4	
GE 0	42.1	83.5	89.3	92.4	96.4	96.9	98.0	98.3	98.3	98.8	99.4	99.4	99.4	99.4	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 643

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 77-82,86  
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	30.6	58.8	60.4	62.9	65.7	66.1	66.1	66.5	66.5	66.9	67.3	67.3	67.3	67.3	67.8	67.8
GE 2000	30.6	60.8	62.4	64.9	67.8	68.2	68.2	68.6	68.6	69.0	69.4	69.4	69.4	69.4	69.8	69.8
GE 1800	30.6	60.8	62.4	64.9	67.8	68.2	68.2	68.6	68.6	69.0	69.4	69.4	69.4	69.4	69.8	69.8
GE 1600	30.6	60.8	62.4	64.9	67.8	68.2	68.2	68.6	68.6	69.0	69.4	69.4	69.4	69.4	69.8	69.8
GE 1400	30.6	61.6	63.3	65.7	68.6	69.0	69.0	69.4	69.4	69.8	70.2	70.2	70.2	70.2	70.6	70.6
GE 1200	31.0	62.0	63.7	66.1	69.0	69.4	69.4	69.8	69.8	70.2	70.6	70.6	70.6	70.6	71.0	71.0
GE 1000	33.1	66.1	67.8	70.2	73.5	73.9	73.9	74.3	74.3	74.7	75.1	75.1	75.1	75.1	75.5	75.5
GE 900	33.1	66.1	67.8	70.2	73.5	73.9	73.9	74.3	74.3	74.7	75.1	75.1	75.1	75.1	75.5	75.5
GE 800	33.1	66.9	68.5	71.0	74.3	74.7	74.7	75.1	75.1	75.5	75.9	75.9	75.9	75.9	76.3	76.3
GE 700	33.5	67.3	69.0	71.8	75.1	75.5	75.5	75.9	75.9	76.3	76.7	76.7	76.7	76.7	77.1	77.1
GE 600	33.9	67.8	69.4	72.2	75.5	75.9	75.9	76.3	76.3	76.7	77.1	77.1	77.1	77.1	77.6	77.6
GE 500	35.5	71.8	73.5	76.3	79.6	80.0	80.0	80.4	80.4	80.8	81.2	81.2	81.2	81.2	81.6	81.6
GE 400	35.5	71.8	73.9	76.7	80.0	80.4	80.4	80.8	80.8	81.2	81.6	81.6	81.6	81.6	82.0	82.0
GE 400	35.9	73.1	75.1	78.0	81.2	81.6	81.6	82.0	82.0	82.4	82.9	82.9	82.9	82.9	83.3	83.3
GE 350	36.3	74.3	76.3	79.2	82.4	82.9	82.9	83.3	83.3	83.7	84.1	84.1	84.1	84.1	84.5	84.5
GE 300	37.6	76.7	78.8	81.6	84.9	85.3	85.3	85.7	85.7	86.1	86.5	86.5	86.5	86.5	86.9	86.9
GE 250	37.6	77.6	79.6	82.4	85.7	86.1	86.1	86.5	86.5	86.9	87.3	87.3	87.3	87.3	87.8	87.8
GE 200	38.0	79.6	81.6	84.9	88.2	88.6	88.6	89.0	89.0	89.4	89.8	89.8	89.8	89.8	90.2	90.2
GE 180	38.0	80.8	82.9	86.1	89.4	89.8	89.8	90.2	90.2	90.6	91.0	91.0	91.0	91.0	91.4	91.4
GE 150	38.0	81.6	83.7	86.9	90.6	91.0	91.0	91.4	91.4	91.8	92.2	92.2	92.2	92.2	92.7	92.7
GE 120	38.0	82.0	84.9	88.2	92.2	93.5	93.5	93.9	93.9	94.3	94.7	94.7	94.7	94.7	95.1	95.1
GE 100	38.0	82.4	85.3	88.6	92.7	93.9	94.3	94.7	94.7	95.1	95.5	95.5	95.5	95.5	95.9	95.9
GE 90	38.0	82.4	85.3	88.6	92.7	93.9	94.3	94.7	94.7	95.1	95.5	95.5	95.5	95.9	96.3	96.3
GE 80	38.0	82.4	85.3	88.6	92.7	93.9	94.3	94.7	94.7	95.1	95.5	95.5	95.5	95.9	96.3	96.3
GE 70	38.0	82.4	85.3	88.6	92.7	93.9	94.3	94.7	94.7	95.1	95.5	95.5	95.5	95.9	96.3	96.3
GE 60	38.0	82.4	85.3	88.6	92.7	93.9	94.3	94.7	94.7	95.1	95.5	95.5	95.5	95.9	96.3	96.3
GE 50	38.0	82.4	85.3	89.0	93.1	94.7	95.1	95.5	95.5	96.3	96.7	96.7	96.7	96.7	97.1	97.1
GE 40	38.0	82.4	85.3	89.0	93.1	94.7	95.5	95.9	95.9	97.1	97.6	97.6	97.6	97.6	98.0	98.0
GE 30	38.0	82.4	85.3	89.0	93.1	94.7	95.5	95.9	95.9	97.1	97.6	98.0	98.0	98.0	98.4	98.4
GE 20	38.0	82.4	85.3	89.0	93.1	94.7	95.5	95.9	95.9	97.6	98.4	98.4	98.4	98.4	99.2	99.2
GE 10	38.0	82.4	85.3	89.0	93.1	94.7	95.5	95.9	95.9	97.6	98.4	98.4	98.4	98.4	99.2	100.0
GE 0	38.0	82.4	85.3	89.0	93.1	94.7	95.5	95.9	95.9	97.6	98.4	98.4	98.4	98.4	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 245

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 77-84  
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	29.7	45.8	49.2	51.2	53.6	54.1	54.7	55.0	55.1	55.5	55.6	55.6	55.7	55.8	56.2	56.4
GE 20000	33.4	51.6	55.7	57.9	60.4	61.1	61.7	62.0	62.1	62.5	62.6	62.6	62.7	62.8	63.3	63.5
GE 18000	33.4	51.6	55.7	57.9	60.4	61.1	61.7	62.0	62.1	62.5	62.6	62.6	62.7	62.8	63.3	63.5
GE 16000	33.4	51.6	55.7	57.9	60.4	61.1	61.7	62.0	62.1	62.5	62.6	62.6	62.7	62.8	63.3	63.5
GE 14000	33.7	52.7	56.8	59.3	61.8	62.4	63.1	63.4	63.4	63.9	64.0	64.0	64.1	64.2	64.7	64.9
GE 12000	34.2	53.5	57.7	60.2	62.7	63.4	64.0	64.4	64.4	64.8	64.9	64.9	65.1	65.1	65.6	65.9
GE 10000	35.8	56.8	61.3	63.9	66.6	67.3	68.0	68.3	68.3	68.8	68.9	68.9	69.0	69.1	69.6	69.8
GE 9000	35.8	56.8	61.3	64.0	66.6	67.4	68.0	68.3	68.4	68.8	68.9	68.9	69.0	69.1	69.6	69.9
GE 8000	36.8	58.6	63.3	65.9	68.7	69.4	70.2	70.5	70.5	71.0	71.1	71.1	71.2	71.3	71.8	72.0
GE 7000	37.3	59.3	64.0	66.7	69.5	70.2	71.0	71.3	71.4	71.8	71.9	71.9	72.0	72.1	72.6	72.8
GE 6000	37.9	60.3	65.1	67.9	70.8	71.5	72.2	72.6	72.6	73.0	73.1	73.1	73.3	73.4	73.9	74.1
GE 5000	38.8	61.8	66.7	69.5	72.4	73.2	74.0	74.4	74.4	74.9	75.0	75.0	75.1	75.2	75.7	75.9
GE 4500	39.0	62.1	67.1	69.9	72.9	73.7	74.5	74.9	74.9	75.4	75.4	75.4	75.6	75.7	76.2	76.4
GE 4000	39.9	63.7	68.8	71.8	74.8	75.6	76.5	76.9	76.9	77.3	77.4	77.4	77.6	77.7	78.2	78.4
GE 3500	40.8	65.1	70.3	73.3	76.3	77.2	78.1	78.5	78.5	79.0	79.0	79.0	79.2	79.3	79.8	80.0
GE 3000	41.7	67.2	72.5	75.6	78.9	79.8	80.7	81.1	81.2	81.6	81.7	81.7	81.9	82.0	82.5	82.7
GE 2500	42.6	69.1	74.5	77.6	81.0	82.0	82.9	83.3	83.4	83.9	84.0	84.0	84.1	84.2	84.7	84.9
GE 2000	43.4	70.7	76.4	79.8	83.1	84.1	85.1	85.5	85.5	86.0	86.1	86.1	86.3	86.4	86.8	87.1
GE 1800	43.4	70.9	76.7	80.2	83.5	84.5	85.5	85.9	86.0	86.5	86.5	86.5	86.7	86.8	87.3	87.5
GE 1500	43.7	72.3	78.3	82.3	85.8	86.9	87.9	88.3	88.4	88.9	89.0	89.0	89.1	89.2	89.7	89.9
GE 1000	43.8	73.0	79.4	83.7	87.4	88.7	89.8	90.2	90.2	90.7	90.8	90.8	90.9	91.0	91.5	91.8
GE 800	43.8	73.3	79.9	84.4	88.3	89.6	90.7	91.2	91.2	91.7	91.8	91.8	92.0	92.1	92.5	92.8
GE 700	43.8	73.4	80.1	84.6	88.5	89.9	91.1	91.5	91.5	92.0	92.1	92.1	92.3	92.4	92.9	93.1
GE 600	43.8	73.6	80.3	85.0	89.1	90.7	91.9	92.4	92.4	93.0	93.1	93.1	93.2	93.3	93.8	94.0
GE 500	43.9	73.9	80.5	85.5	89.7	91.3	92.7	93.2	93.2	93.8	93.9	93.9	94.0	94.1	94.6	94.9
GE 400	43.9	74.0	81.1	85.9	90.1	91.9	93.3	93.9	94.0	94.5	94.6	94.6	94.8	94.9	95.4	95.6
GE 300	43.9	74.2	81.3	86.3	90.7	92.7	94.7	95.5	95.5	96.2	96.3	96.3	96.4	96.6	97.1	97.3
GE 200	43.9	74.3	81.4	86.5	90.9	93.0	95.0	96.2	96.3	97.1	97.2	97.2	97.4	97.5	98.0	98.2
GE 150	43.9	74.3	81.4	86.5	91.9	93.0	95.1	96.3	96.4	97.4	97.7	97.7	97.9	98.0	98.5	98.7
GE 100	43.9	74.3	81.4	86.5	90.9	93.0	95.1	96.3	96.4	97.5	97.8	97.8	98.0	98.1	98.7	99.1
GE 0	43.9	74.3	81.4	86.5	90.9	93.0	95.1	96.3	96.4	97.5	97.9	97.9	98.1	98.2	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 4281



GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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 C
NO CEIL	27.4	41.2	44.3	46.9	48.2	49.0	49.7	49.8	49.9	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 2000	29.9	44.8	48.2	50.9	52.3	53.1	54.0	54.1	54.2	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 1800	29.9	44.8	48.3	51.0	52.4	53.2	54.1	54.2	54.3	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 1600	29.9	44.8	48.3	51.0	52.4	53.2	54.1	54.2	54.3	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 1400	30.2	45.4	49.1	51.9	53.3	54.1	55.0	55.1	55.2	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 1200	30.8	46.8	50.4	53.2	54.7	55.6	56.4	56.6	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 1000	31.7	50.0	54.6	57.8	59.3	60.3	61.2	61.4	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 900	31.8	50.1	54.7	57.9	59.4	60.4	61.3	61.6	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 800	32.2	51.9	56.6	60.0	61.7	62.7	63.6	63.8	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 700	33.1	52.8	57.7	61.1	62.8	63.8	64.7	64.9	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 600	33.8	54.3	59.4	63.1	64.8	65.8	66.7	66.9	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 500	34.7	55.8	61.3	65.0	66.8	67.8	68.7	68.9	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 450	34.8	56.1	61.7	65.6	67.3	68.4	69.3	69.6	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 400	35.7	57.8	64.0	67.9	70.0	71.2	72.3	72.6	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 350	36.1	59.1	65.7	69.8	71.9	73.1	74.4	74.7	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 300	37.0	61.0	67.7	71.9	74.4	75.7	77.0	77.2	77.3	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 250	37.9	62.2	69.2	73.9	76.7	77.9	79.2	79.4	79.6	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 200	38.3	63.1	70.2	75.0	77.8	79.0	80.3	80.6	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 180	38.6	63.7	70.8	75.6	78.3	79.6	80.9	81.1	81.2	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 150	39.4	65.1	72.3	77.2	80.1	81.4	82.8	83.0	83.1	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 120	39.4	65.9	73.1	78.0	80.9	82.2	83.6	83.8	83.9	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 100	39.4	67.0	74.3	79.2	82.2	83.7	85.1	85.3	85.4	86.1	86.2	86.2	86.2	86.2	86.2	86.2
GE 90	39.4	67.0	74.3	79.2	82.2	83.9	85.4	85.8	85.9	86.6	86.7	86.7	86.7	86.7	86.7	86.7
GE 80	39.6	67.3	74.9	79.8	82.9	84.9	86.6	87.1	87.2	87.9	88.0	88.0	88.0	88.0	88.0	88.0
GE 70	39.6	67.6	75.2	80.2	83.9	86.0	87.7	88.2	88.3	89.0	89.1	89.1	89.1	89.1	89.1	89.1
GE 60	39.6	67.7	75.4	80.4	84.1	86.3	88.2	89.0	89.2	90.0	90.1	90.1	90.1	90.1	90.1	90.1
GE 50	39.7	68.3	76.4	81.7	86.1	88.6	91.4	92.3	92.6	93.9	94.1	94.1	94.1	94.1	94.1	94.1
GE 40	39.7	68.4	76.6	82.0	86.9	89.4	92.7	93.8	94.0	95.7	95.9	95.9	95.9	95.9	95.9	95.9
GE 30	39.7	68.4	76.8	82.1	87.2	90.0	93.2	94.3	94.6	96.8	97.0	97.0	97.0	97.0	97.0	97.0
GE 20	39.7	68.4	76.8	82.1	87.3	90.2	93.6	94.7	94.9	97.1	97.4	97.4	97.4	97.4	97.4	97.4
GE 10	39.7	68.4	76.8	82.1	87.3	90.2	93.6	94.7	94.9	97.6	97.9	97.9	97.9	97.9	97.9	97.9
GE 0	39.7	68.4	76.8	82.1	87.3	90.2	93.6	94.7	94.9	97.6	98.0	98.0	98.0	98.0	98.0	98.0

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: 746941 STATION NAME: ELIZABETH CITY NC

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 7/16	GE 1/4	GE 0
NO CEIL	35.6	46.0	46.9	47.3	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 20000	40.6	53.1	54.2	54.8	55.2	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 18000	40.6	53.1	54.2	54.8	55.2	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 16000	40.6	53.1	54.2	54.8	55.2	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 14000	41.6	54.8	55.9	56.4	56.9	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 12000	41.8	55.4	56.7	57.2	57.7	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 10000	42.8	57.9	59.4	60.1	61.0	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 9000	43.0	58.1	59.7	60.3	61.2	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 8000	44.3	60.2	61.9	62.7	63.6	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 7000	44.8	60.7	62.3	63.1	64.0	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 6000	45.7	62.4	64.3	65.2	66.1	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 5000	46.7	64.1	66.1	67.0	68.1	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 4500	47.7	65.2	67.3	68.2	69.3	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 4000	48.9	67.8	70.4	71.6	72.9	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 3500	49.7	69.3	72.1	73.2	74.7	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 3000	51.1	72.2	75.1	76.2	77.8	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 2500	52.1	74.0	77.2	78.7	80.2	81.1	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 2000	53.1	76.3	79.8	81.2	82.9	83.9	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 1800	53.1	76.7	80.1	81.6	83.2	84.2	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 1500	54.2	78.6	82.3	83.8	85.8	86.9	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1200	54.4	79.8	83.6	85.3	87.7	88.8	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1000	54.8	80.6	84.4	86.2	88.8	89.9	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 900	54.8	80.7	84.6	86.3	88.9	90.0	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 800	54.9	81.3	85.2	87.0	89.7	90.8	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 700	54.9	81.6	85.4	87.2	90.0	91.2	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 600	54.9	81.8	86.0	87.9	91.8	92.1	93.1	93.6	93.6	93.8	93.8	93.8	93.9	93.9	93.9	93.9
GE 500	54.9	81.8	86.2	88.4	91.7	93.4	95.2	96.3	96.3	96.6	96.8	96.8	96.9	96.9	96.9	96.9
GE 400	54.9	81.8	86.2	88.6	91.9	93.7	95.8	97.1	97.1	97.7	98.1	98.1	98.2	98.2	98.2	98.2
GE 300	54.9	81.8	86.2	88.7	92.2	94.1	96.3	97.8	97.8	98.6	99.0	99.0	99.1	99.1	99.1	99.1
GE 200	54.9	81.8	86.2	88.7	92.3	94.2	96.6	98.0	98.0	98.9	99.3	99.3	99.4	99.4	99.4	99.4
GE 100	54.9	81.8	86.2	88.7	92.3	94.2	96.6	98.0	98.0	99.0	99.7	99.7	99.8	99.8	99.8	99.8
GE 0	54.9	81.8	86.2	88.7	92.3	94.2	96.6	98.0	98.0	99.0	99.7	99.7	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: 746941 STATION NAME: ELIZABETH CITY NC

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	37.5	48.4	49.6	49.8	50.1	50.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 20000	40.3	53.6	55.3	55.8	56.5	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 18000	40.3	53.6	55.3	55.8	56.5	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 16000	40.3	53.6	55.3	55.8	56.5	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 14000	41.1	55.5	57.2	57.7	58.4	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 12000	41.4	56.1	57.9	58.4	59.2	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 10000	44.0	60.8	62.7	63.3	64.0	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 9000	44.0	60.8	62.7	63.3	64.0	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 8000	45.0	62.0	63.9	64.5	65.3	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 7000	45.5	62.5	64.4	65.0	65.8	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 6000	46.8	64.4	66.5	67.2	68.1	68.6	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 5000	48.3	67.1	69.5	70.2	71.2	71.7	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 4500	48.9	68.5	70.8	71.7	72.7	73.2	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 4000	49.8	70.7	73.2	74.4	75.7	76.2	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 3500	50.9	72.8	75.3	76.8	78.0	78.5	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 3000	52.6	75.1	77.8	79.5	80.8	81.3	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 2500	51.1	76.2	79.7	81.6	83.0	83.5	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 2000	53.5	77.4	81.3	83.4	84.7	85.2	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 1800	53.5	77.8	81.6	83.7	85.2	85.7	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 1500	53.7	78.8	82.8	84.9	86.6	87.2	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1200	53.7	79.3	83.6	85.9	87.7	88.7	89.3	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1000	53.7	79.7	84.2	86.5	88.7	90.0	90.6	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 900	53.7	79.7	84.2	86.6	88.8	90.1	90.7	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 800	53.7	79.8	84.5	87.0	89.2	90.4	91.3	91.4	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 700	53.7	79.9	84.6	87.1	89.5	90.8	91.8	91.9	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 600	53.7	80.1	84.9	87.5	90.2	91.8	93.5	93.8	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 500	53.7	80.1	85.1	88.0	91.1	93.2	95.0	95.7	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 400	53.7	80.1	85.1	88.1	91.3	93.4	95.5	96.3	96.4	97.8	97.9	97.9	97.9	97.9	97.9	97.9
GE 300	53.7	80.1	85.1	88.2	91.6	93.7	95.9	96.7	96.9	98.3	98.8	98.8	98.8	98.8	98.8	98.8
GE 200	53.7	80.1	85.1	88.2	91.6	93.7	96.0	97.0	97.3	98.9	99.4	99.4	99.4	99.4	99.4	99.4
GE 100	53.7	80.1	85.1	88.2	91.6	93.7	96.0	97.0	97.3	99.0	99.5	99.5	100.0	100.0	100.0	100.0
GE 0	53.7	80.1	85.1	88.2	91.6	93.7	96.0	97.0	97.3	99.0	99.5	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 806

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 77-82,86  
MONTH: NOV HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 1/2	GE 3/4	GE 1	GE 1 1/4	GE 1 1/2	GE 1 3/4	GE 2	GE 2 1/2	GE 3	GE 4	GE 5	GE 6	GE 10	GE 15	GE 20	GE 30
NO CEIL	29.6	52.3	54.2	54.4	54.6	54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 2000	32.0	55.8	58.1	58.9	59.0	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 1800	32.0	55.8	58.1	58.9	59.0	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 1600	32.0	55.8	58.1	58.9	59.0	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 1400	32.6	57.6	60.0	60.8	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 1200	33.3	58.6	61.0	61.8	61.9	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 1000	34.1	61.9	64.5	65.4	65.6	65.6	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 900	34.1	61.9	64.5	65.4	65.6	65.6	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 800	34.4	63.7	66.2	67.2	67.5	67.5	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 700	34.6	64.2	66.7	67.7	68.0	68.0	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 600	35.2	66.9	69.8	71.0	71.4	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 500	37.4	70.9	74.4	75.8	76.8	76.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 450	37.6	72.0	75.5	77.3	78.2	78.2	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 400	37.8	73.6	77.1	79.0	80.0	80.0	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 350	37.8	74.1	77.6	79.5	80.5	80.5	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 300	38.1	74.7	78.4	80.3	81.4	81.4	81.9	81.9	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 250	38.1	75.2	78.9	80.8	82.2	82.4	82.9	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 200	38.2	75.5	79.4	81.3	82.7	83.0	83.8	84.0	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 180	38.2	75.5	79.5	81.8	83.2	83.5	84.3	84.6	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 150	38.4	76.3	80.8	83.4	84.8	85.1	85.9	86.2	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 120	38.4	76.6	81.9	84.6	86.2	86.6	87.5	87.8	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 100	38.4	76.8	82.1	85.4	87.0	87.4	88.3	88.6	88.6	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 90	38.4	77.0	82.2	85.6	87.4	87.8	89.1	89.4	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 80	38.4	77.1	82.4	85.8	87.5	88.3	89.6	90.1	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 70	38.4	77.6	83.2	86.6	88.3	89.1	90.7	91.4	91.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 60	38.4	77.9	83.7	87.2	89.1	89.9	91.5	92.5	92.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 50	38.4	77.9	84.0	87.6	90.2	91.2	93.0	94.2	94.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 40	38.4	77.9	84.0	87.8	90.4	91.4	93.1	94.6	94.6	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 30	38.4	77.9	84.0	87.8	90.4	91.4	93.1	94.7	94.7	96.8	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 20	38.4	77.9	84.0	87.8	90.6	91.5	93.3	95.2	95.2	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 10	38.4	77.9	84.0	87.8	90.6	91.5	93.3	95.2	95.2	97.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 0	38.4	77.9	84.0	87.8	90.6	91.5	93.3	95.2	95.2	97.9	99.0	99.0	99.0	99.0	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 625

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 77-82,86  
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	26.4	48.2	49.6	50.6	51.1	51.3	51.6	51.6	51.6	51.8	52.3	52.3	52.3	52.3	52.3	52.3
GE 20000	27.6	50.1	52.0	53.0	53.5	53.7	54.0	54.0	54.0	54.2	54.7	54.7	54.7	54.7	54.7	54.7
GE 18000	27.6	50.1	52.0	53.0	53.5	53.7	54.0	54.0	54.0	54.2	54.7	54.7	54.7	54.7	54.7	54.7
GE 16000	27.6	50.1	52.0	53.0	53.5	53.7	54.0	54.0	54.0	54.2	54.7	54.7	54.7	54.7	54.7	54.7
GE 14000	28.1	51.3	53.5	54.4	54.9	55.2	55.4	55.4	55.4	55.6	56.1	56.1	56.1	56.1	56.1	56.1
GE 12000	28.5	52.0	54.2	55.2	55.6	55.9	56.1	56.1	56.1	56.4	56.8	56.8	56.8	56.8	56.8	56.8
GE 10000	30.0	54.7	57.1	58.0	58.8	59.0	59.2	59.2	59.2	59.5	60.0	60.0	60.0	60.0	60.0	60.0
GE 9000	30.0	54.7	57.1	58.0	58.8	59.0	59.2	59.2	59.2	59.5	60.0	60.0	60.0	60.0	60.0	60.0
GE 8000	31.2	57.6	60.4	61.4	62.1	62.4	62.8	62.8	62.8	63.3	63.8	63.8	63.8	63.8	63.8	63.8
GE 7000	31.2	58.3	61.4	62.4	63.1	63.3	63.8	63.8	63.8	64.3	64.7	64.7	64.7	64.7	64.7	64.7
GE 6000	31.7	60.0	63.1	64.0	64.7	65.0	65.5	65.5	65.5	65.9	66.4	66.4	66.4	66.4	66.4	66.4
GE 5000	33.3	64.0	67.4	68.6	69.5	70.0	70.5	70.5	70.5	71.0	71.5	71.5	71.5	71.5	71.5	71.5
GE 4500	33.3	65.0	68.3	69.5	70.5	71.0	71.5	71.5	71.5	71.9	72.4	72.4	72.4	72.4	72.4	72.4
GE 4000	34.8	68.1	71.5	72.7	73.6	74.1	74.6	74.6	74.6	75.1	75.5	75.5	75.5	75.5	75.5	75.5
GE 3500	35.3	69.1	72.4	73.6	74.6	75.1	75.5	75.5	75.5	76.0	76.5	76.5	76.5	76.5	76.5	76.5
GE 3000	36.2	71.5	74.8	76.0	77.0	77.5	77.9	77.9	77.9	78.4	78.9	78.9	78.9	78.9	78.9	78.9
GE 2500	36.7	72.2	75.8	77.2	78.4	78.9	79.4	79.4	79.4	79.9	80.3	80.3	80.3	80.3	80.3	80.3
GE 2000	36.7	72.4	76.3	77.9	79.1	79.9	80.3	80.3	80.3	80.8	81.3	81.3	81.3	81.3	81.3	81.3
GE 1800	36.7	72.4	76.3	77.9	79.1	80.1	80.6	80.8	80.8	81.3	81.8	81.8	81.8	81.8	81.8	81.8
GE 1500	36.7	72.9	77.2	79.1	81.3	82.3	82.7	83.5	83.5	83.9	84.4	84.4	84.4	84.4	84.4	84.4
GE 1200	36.7	73.1	77.5	79.6	81.8	82.7	83.2	83.9	83.9	84.4	84.9	84.9	84.9	84.9	84.9	84.9
GE 1000	36.7	74.1	78.9	81.3	83.5	84.4	84.9	85.6	85.6	86.1	86.6	86.6	86.6	86.6	86.6	86.6
GE 900	36.7	74.1	79.1	81.8	83.9	84.9	85.4	86.1	86.1	86.6	87.1	87.1	87.1	87.1	87.1	87.1
GE 800	36.7	74.6	79.9	82.5	84.7	85.6	86.1	86.8	86.8	87.3	87.8	87.8	87.8	87.8	87.8	87.8
GE 700	36.7	75.1	81.3	83.9	86.8	88.0	88.5	89.2	89.2	89.7	90.2	90.2	90.2	90.2	90.2	90.2
GE 600	36.7	75.3	82.0	84.9	88.5	89.7	90.9	91.6	91.6	92.1	92.6	92.6	92.6	92.6	92.6	92.6
GE 500	36.7	75.8	82.7	85.6	89.4	90.6	92.1	93.0	93.0	93.5	94.0	94.0	94.0	94.0	94.0	94.0
GE 400	36.7	75.8	82.7	85.6	89.7	90.9	92.8	93.8	93.8	95.2	96.6	96.6	96.6	96.6	96.6	96.6
GE 300	36.7	75.8	83.0	85.9	89.9	91.1	93.0	94.2	94.2	95.9	97.8	97.8	97.8	97.8	97.8	97.8
GE 200	36.7	75.8	83.0	85.9	89.9	91.1	93.0	94.2	94.5	96.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 100	36.7	75.8	83.0	85.9	89.9	91.1	93.0	94.5	94.7	96.6	98.8	98.8	98.8	98.8	98.8	98.8
GE 0	36.7	75.8	83.0	85.9	89.9	91.1	93.0	94.5	94.7	96.6	98.8	98.8	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 417

GLOBAL CLIMATOLOGY BRANCH  
LSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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	29.8	44.3	46.3	47.5	48.5	49.0	49.6	49.9	49.9	50.1	50.2	50.2	50.3	50.3	50.4	50.4
GE 2000	32.5	48.7	51.0	52.4	53.7	54.3	55.0	55.2	55.3	55.5	55.6	55.6	55.6	55.6	55.7	55.7
GE 1800	32.5	48.7	51.0	52.5	53.7	54.3	55.0	55.3	55.3	55.5	55.6	55.6	55.6	55.7	55.7	55.7
GE 1600	32.5	48.7	51.0	52.5	53.7	54.3	55.0	55.3	55.3	55.5	55.6	55.6	55.6	55.7	55.7	55.7
GE 1400	33.1	50.0	52.4	53.9	55.2	55.8	56.5	56.8	56.8	57.0	57.1	57.1	57.2	57.2	57.3	57.3
GE 1200	33.5	50.8	53.3	54.8	56.1	56.7	57.5	57.7	57.7	58.0	58.0	58.0	58.1	58.1	58.2	58.2
GE 1000	34.8	53.9	56.8	58.6	60.1	60.8	61.6	61.9	61.9	62.1	62.2	62.2	62.2	62.3	62.4	62.4
GE 900	34.9	54.0	56.9	58.7	60.1	60.9	61.6	61.9	61.9	62.2	62.2	62.2	62.3	62.4	62.4	62.4
GE 800	35.6	55.9	58.9	60.8	62.3	63.1	63.9	64.2	64.2	64.4	64.5	64.5	64.6	64.6	64.7	64.7
GE 700	36.1	56.4	59.5	61.4	63.0	63.7	64.5	64.8	64.8	65.1	65.2	65.2	65.2	65.3	65.4	65.4
GE 600	36.8	58.1	61.4	63.4	65.0	65.8	66.6	66.9	66.9	67.2	67.2	67.2	67.3	67.4	67.5	67.5
GE 500	38.1	60.6	64.2	66.3	68.1	68.9	69.7	70.0	70.0	70.3	70.4	70.4	70.5	70.6	70.6	70.7
GE 450	38.5	61.5	65.1	67.4	69.2	70.1	70.9	71.2	71.2	71.5	71.6	71.6	71.7	71.7	71.8	71.8
GE 400	39.3	63.6	67.6	70.0	72.0	73.0	73.9	74.2	74.2	74.5	74.6	74.6	74.7	74.7	74.8	74.9
GE 350	39.8	64.8	69.0	71.5	73.5	74.6	75.5	75.8	75.8	76.1	76.2	76.2	76.3	76.3	76.4	76.5
GE 300	40.9	67.0	71.3	73.9	76.2	77.3	78.2	78.6	78.6	79.0	79.1	79.1	79.2	79.2	79.3	79.4
GE 250	41.5	68.0	72.7	75.6	78.0	79.2	80.2	80.6	80.6	81.0	81.1	81.1	81.2	81.3	81.3	81.4
GE 200	41.9	69.2	74.1	77.1	79.5	80.8	81.9	82.3	82.3	82.8	82.9	82.9	83.0	83.0	83.1	83.1
GE 180	42.0	69.5	74.4	77.4	79.9	81.2	82.3	82.7	82.8	83.3	83.3	83.3	83.4	83.5	83.6	83.6
GE 150	42.5	70.6	75.8	78.9	81.7	83.1	84.2	84.7	84.7	85.2	85.3	85.3	85.4	85.4	85.5	85.6
GE 120	42.5	71.3	76.6	80.0	82.9	84.3	85.5	86.0	86.0	86.5	86.6	86.6	86.7	86.8	86.9	86.9
GE 100	42.6	71.9	77.4	80.9	84.0	85.5	86.7	87.3	87.3	87.8	87.9	87.9	88.0	88.1	88.2	88.2
GE 90	42.6	72.0	77.5	81.1	84.2	85.7	87.1	87.7	87.7	88.2	88.3	88.3	88.4	88.5	88.6	88.6
GE 80	42.6	72.3	78.0	81.6	84.8	86.5	88.0	88.6	88.7	89.2	89.3	89.3	89.4	89.4	89.5	89.6
GE 70	42.6	72.6	78.4	82.0	85.6	87.4	88.9	89.6	89.6	90.2	90.3	90.3	90.4	90.5	90.6	90.6
GE 60	42.6	72.8	78.8	82.5	86.3	88.2	90.1	90.9	91.0	91.7	91.8	91.8	91.9	91.9	92.1	92.1
GE 50	42.7	73.0	79.3	83.3	87.5	89.8	92.1	93.4	93.4	94.4	94.5	94.5	94.7	94.7	94.8	94.9
GE 40	42.7	73.1	79.4	83.5	87.9	90.3	92.9	94.4	94.4	95.9	96.3	96.3	96.4	96.5	96.6	96.7
GE 30	42.7	73.1	79.4	83.6	88.1	90.6	93.3	94.8	94.9	96.7	97.3	97.3	97.4	97.5	97.8	97.9
GE 20	42.7	73.1	79.4	83.6	88.2	90.7	93.5	95.1	95.2	97.2	97.9	97.9	98.2	98.3	98.6	98.7
GE 10	42.7	73.1	79.4	83.6	88.2	90.7	93.5	95.1	95.2	97.4	98.2	98.2	98.6	98.7	99.1	99.4
GE 0	42.7	73.1	79.4	83.6	88.2	90.7	93.5	95.1	95.2	97.4	98.2	98.2	98.7	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 4160

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VFRSUS VISIBILITY  
FROM FOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																		
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0			
NO CEIL	20.1	38.4	40.2	41.9	45.4	45.9	46.3	47.7	47.9	49.0	49.0	49.0	49.0	49.0	49.8	50.6			
GE 20000	22.0	42.3	44.4	46.7	50.2	50.8	51.7	53.7	53.9	55.0	55.2	55.2	55.2	55.2	56.0	56.8			
GE 18000	22.0	42.3	44.4	46.7	50.2	50.8	51.7	53.7	53.9	55.0	55.2	55.2	55.2	55.2	56.0	56.8			
GE 16000	22.0	42.3	44.4	46.7	50.2	50.8	51.7	53.7	53.9	55.0	55.2	55.2	55.2	55.2	56.0	56.8			
GE 14000	22.0	42.7	44.8	47.1	50.6	51.4	52.3	54.4	54.6	55.8	56.0	56.0	56.0	56.0	56.8	57.5			
GE 12000	22.2	43.2	45.4	47.7	51.2	51.9	52.9	55.0	55.2	56.4	56.6	56.6	56.6	56.6	57.3	58.1			
GE 10000	23.0	46.5	49.0	52.1	56.0	56.9	57.9	60.0	60.2	61.4	61.6	61.6	61.6	61.6	62.4	63.1			
GE 9000	23.0	46.5	49.0	52.1	56.0	56.9	57.9	60.0	60.2	61.4	61.6	61.6	61.6	61.6	62.4	63.1			
GE 8000	24.5	49.6	52.5	55.6	59.8	60.8	61.8	64.1	64.3	65.4	65.6	65.6	65.6	65.6	66.6	67.4			
GE 7000	24.7	49.8	52.9	56.4	60.6	61.6	62.5	64.9	65.1	66.2	66.4	66.4	66.4	66.4	67.4	68.1			
GE 6000	24.9	50.2	53.3	56.8	61.0	62.0	62.9	65.3	65.4	66.6	66.8	66.8	66.8	66.8	67.8	68.5			
GE 5000	25.3	51.7	55.2	59.1	63.5	64.7	65.8	68.3	68.5	69.7	69.9	69.9	69.9	69.9	71.0	71.8			
GE 4500	25.3	52.3	55.8	59.7	64.1	65.3	66.4	68.9	69.1	70.3	70.5	70.5	70.5	70.5	71.6	72.4			
GE 4000	25.5	54.2	58.3	62.4	66.8	68.1	69.5	72.2	72.4	73.7	73.9	73.9	73.9	73.9	75.1	75.9			
GE 3500	25.5	54.4	58.7	62.9	67.4	68.7	70.3	73.0	73.2	74.5	74.7	74.7	74.7	74.7	75.9	76.6			
GE 3000	25.9	56.0	60.4	64.9	69.3	70.8	72.4	75.1	75.3	76.6	76.8	76.8	76.8	76.8	78.0	78.8			
GE 2500	26.3	58.5	62.9	67.8	72.2	73.9	75.7	78.4	78.6	79.9	80.1	80.1	80.1	80.1	81.3	82.0			
GE 2000	26.4	59.1	63.5	68.5	73.2	75.1	76.8	79.5	79.7	81.1	81.3	81.3	81.3	81.3	82.4	83.2			
GE 1800	26.4	59.1	63.7	68.7	73.6	75.5	77.2	79.9	80.1	81.5	81.7	81.7	81.7	81.7	82.8	83.6			
GE 1500	26.6	60.2	65.1	70.3	75.1	77.0	79.0	81.7	81.9	83.2	83.4	83.4	83.4	83.4	84.6	85.3			
GE 1200	26.6	60.4	65.3	70.7	75.5	77.4	79.3	82.0	82.2	83.6	83.8	83.8	83.8	83.8	84.9	85.7			
GE 1000	26.6	60.8	66.0	71.6	77.0	79.0	81.1	83.8	84.0	85.3	85.5	85.5	85.7	85.7	86.9	87.6			
GE 900	26.6	60.8	66.0	71.6	77.0	79.0	81.1	83.8	84.0	85.3	85.5	85.5	85.7	85.7	86.9	87.6			
GE 800	26.8	61.2	66.4	72.0	77.8	79.9	82.2	84.9	85.1	86.5	86.7	86.7	86.9	86.9	88.0	88.8			
GE 700	26.8	61.6	66.8	72.4	78.2	80.5	82.8	85.9	86.1	87.5	87.6	87.6	87.8	87.8	89.0	89.8			
GE 600	27.0	62.0	67.4	73.2	79.0	81.3	84.2	87.3	87.5	88.8	89.0	89.0	89.2	89.2	90.3	91.1			
GE 500	27.0	62.0	67.4	73.4	79.5	82.0	86.5	90.2	90.3	92.1	92.3	92.3	92.5	92.5	93.6	94.4			
GE 400	27.0	62.0	67.4	73.4	79.5	82.0	86.7	90.3	90.5	92.5	92.7	92.7	93.1	93.1	94.2	95.0			
GE 300	27.0	62.0	67.4	73.4	79.5	82.0	86.9	90.9	91.1	93.6	93.8	93.8	94.2	94.4	95.8	96.5			
GE 200	27.0	62.0	67.4	73.4	79.5	82.0	86.9	91.1	91.3	94.2	94.4	94.4	94.8	95.0	96.7	97.9			
GE 100	27.0	62.0	67.4	73.4	79.5	82.0	86.9	91.1	91.3	94.2	94.4	94.4	94.8	95.0	96.7	98.1			
GE 21	27.0	62.0	67.4	73.4	79.5	82.0	86.9	91.1	91.3	94.2	94.4	94.4	94.8	95.0	96.9	100.0			

TOTAL NUMBER OF OBSERVATIONS: 518

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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	31.2	43.0	45.2	47.7	48.5	49.3	49.8	50.4	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 20000	34.5	49.2	51.6	54.4	55.3	56.1	56.7	57.2	57.4	57.5	57.7	57.8	57.8	57.8	57.8	57.8
GE 18000	34.5	49.2	51.6	54.4	55.3	56.1	56.7	57.2	57.4	57.5	57.7	57.8	57.8	57.8	57.8	57.8
GE 16000	34.5	49.2	51.6	54.4	55.3	56.1	56.7	57.2	57.4	57.5	57.7	57.8	57.8	57.8	57.8	57.8
GE 14000	35.3	50.7	53.2	56.1	57.0	58.0	58.5	59.1	59.3	59.4	59.5	59.6	59.6	59.6	59.6	59.6
GE 12000	35.6	51.4	54.0	56.9	57.8	58.7	59.3	59.8	60.0	60.2	60.3	60.4	60.4	60.4	60.4	60.4
GE 10000	36.9	55.0	57.9	61.0	62.0	63.1	63.6	64.2	64.4	64.5	64.6	64.7	64.7	64.7	64.7	64.7
GE 9000	37.0	55.4	58.3	61.5	62.4	63.5	64.1	64.6	64.8	64.9	65.0	65.1	65.1	65.1	65.1	65.1
GE 8000	37.6	56.7	59.7	63.0	64.2	65.3	65.8	66.3	66.6	66.7	66.8	66.9	66.9	66.9	66.9	66.9
GE 7000	38.0	57.3	60.4	63.6	64.8	65.9	66.4	67.0	67.2	67.3	67.4	67.5	67.5	67.5	67.5	67.5
GE 6000	38.9	59.0	62.1	65.5	66.7	67.8	68.3	68.8	69.1	69.2	69.3	69.4	69.4	69.4	69.4	69.4
GE 5000	39.3	59.8	63.1	66.7	68.1	69.3	70.0	70.6	70.8	70.9	71.0	71.1	71.2	71.2	71.3	71.3
GE 4500	40.0	61.0	64.5	68.2	69.6	70.8	71.6	72.1	72.3	72.4	72.5	72.6	72.7	72.7	72.9	72.9
GE 4000	40.5	62.3	66.3	70.1	71.6	72.9	73.6	74.2	74.4	74.5	74.6	74.7	74.8	74.8	74.9	74.9
GE 3500	40.8	63.5	67.8	71.6	73.0	74.4	75.1	75.7	75.9	76.0	76.1	76.2	76.3	76.3	76.4	76.4
GE 3000	41.7	66.6	70.8	74.7	76.3	77.7	78.5	79.0	79.3	79.4	79.6	79.7	79.8	79.8	79.9	79.9
GE 2500	42.1	67.6	72.4	76.4	78.3	79.8	80.7	81.2	81.4	81.5	81.8	81.9	82.0	82.0	82.1	82.1
GE 2000	42.6	68.4	73.5	77.5	79.7	81.2	82.1	82.7	83.0	83.1	83.3	83.4	83.5	83.5	83.6	83.6
GE 1800	42.6	68.4	73.5	77.5	79.7	81.2	82.1	82.7	83.0	83.1	83.3	83.4	83.5	83.5	83.6	83.6
GE 1500	43.1	68.9	74.2	78.5	80.8	82.4	83.3	84.0	84.3	84.4	84.6	84.7	84.8	84.8	84.9	84.9
GE 1200	43.1	69.2	74.6	78.9	81.4	83.2	84.7	85.0	85.2	85.5	85.7	85.8	85.9	85.9	86.0	86.0
GE 1000	43.1	69.7	75.4	79.8	82.7	84.6	85.6	86.5	86.8	87.0	87.2	87.3	87.4	87.4	87.5	87.5
GE 900	43.1	70.1	75.9	80.3	83.5	85.5	86.4	87.4	87.6	87.8	88.1	88.2	88.3	88.3	88.4	88.4
GE 800	43.2	70.8	76.7	81.1	84.5	86.5	87.6	88.7	88.9	89.1	89.4	89.5	89.6	89.6	89.7	89.7
GE 700	43.3	71.3	77.4	82.3	85.3	87.6	88.9	90.0	90.3	90.6	90.8	90.9	91.0	91.0	91.1	91.1
GE 600	43.3	71.6	77.6	82.3	86.0	88.5	90.1	91.5	91.9	92.1	92.3	92.4	92.5	92.5	92.6	92.6
GE 500	43.4	71.8	78.1	82.7	86.4	89.0	91.2	92.9	93.3	94.0	94.2	94.4	94.5	94.5	94.6	94.6
GE 400	43.4	71.8	78.3	83.2	87.0	90.0	92.6	94.5	94.8	95.8	96.3	96.4	96.5	96.5	96.6	96.6
GE 300	43.4	71.8	78.3	83.2	87.1	90.1	92.7	94.8	95.2	96.5	97.1	97.2	97.3	97.3	97.4	97.4
GE 200	43.4	71.8	78.3	83.2	87.1	90.1	92.8	95.0	95.4	96.9	97.5	97.6	97.8	97.8	98.0	98.2
GE 100	43.4	71.8	78.3	83.2	87.1	90.1	92.8	95.3	95.7	97.4	98.0	98.2	98.4	98.4	98.6	99.0
GE 0	43.4	71.8	78.3	83.2	87.1	90.1	92.8	95.0	95.7	97.4	98.2	98.3	98.8	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 921

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 1	GE 1 1/4	GE 1/2	GE 5/8	GE 3/4	GE 1	GE 1 1/4	GE 1 1/2	GE 1 3/4	GE 2	GE 2 1/2	GE 3	GE 4	GE 5	GE 6	GE 10	GE 1	GE 1 1/4
NO CEIL	40.2	47.2	48.3	48.6	49.1	49.4	49.4	49.5	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 20000	46.8	56.5	58.5	58.8	59.3	59.7	59.8	59.9	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 18000	46.8	56.5	58.5	58.8	59.3	59.7	59.8	59.9	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 16000	47.3	57.3	59.6	59.9	60.5	60.9	61.0	61.1	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 14000	47.4	57.4	59.7	60.0	60.6	61.0	61.1	61.2	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 12000	49.7	60.3	63.0	63.4	64.0	64.4	64.5	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 10000	50.1	60.6	63.3	63.7	64.3	64.7	64.8	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 9000	51.0	62.4	65.4	65.8	66.6	67.0	67.1	67.2	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 8000	51.8	63.4	66.3	66.8	67.5	68.0	68.1	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 7000	52.8	64.7	67.6	68.1	68.8	69.3	69.4	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 6000	53.6	66.4	69.4	69.9	70.8	71.2	71.3	71.4	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 5000	54.3	67.4	70.6	71.1	72.0	72.4	72.5	72.6	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 4000	55.3	68.9	72.4	73.0	73.8	74.3	74.4	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 3500	55.6	69.9	73.4	73.9	75.0	75.5	75.6	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 3000	57.1	72.3	75.8	76.3	77.5	78.0	78.1	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 2500	58.3	75.0	78.8	79.6	80.9	81.4	81.8	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 2000	59.1	76.4	80.2	81.0	82.6	83.2	83.5	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 1800	59.4	76.9	80.7	81.4	83.1	83.6	83.9	84.0	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 1500	59.6	77.6	81.4	82.3	83.9	84.6	84.9	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1200	59.9	78.8	82.7	83.6	85.3	86.1	86.4	86.6	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1000	60.0	79.8	84.4	85.5	87.3	88.2	88.8	89.0	89.0	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 900	60.0	79.9	84.5	85.6	87.4	88.3	88.9	89.1	89.1	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 800	60.0	80.1	84.9	86.0	88.3	89.4	90.1	90.4	90.4	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 700	60.2	80.2	85.1	86.2	88.6	89.6	90.0	91.0	91.3	91.3	91.7	91.9	91.9	92.0	92.0	92.0	92.0	92.0
GE 600	60.2	80.2	85.3	86.4	89.0	90.9	92.0	92.4	92.4	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2
GE 500	60.2	80.2	85.6	86.9	90.1	92.3	93.8	94.8	94.8	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
GE 400	60.2	80.2	85.6	86.9	90.6	93.4	95.1	96.7	96.7	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	60.2	80.2	85.6	86.9	90.6	93.5	95.7	97.3	97.3	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	60.2	80.2	85.6	86.9	90.6	93.5	95.7	97.3	97.3	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	60.2	80.2	85.6	86.9	90.6	93.5	95.7	97.3	97.3	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 0	60.2	80.2	85.6	86.9	90.6	93.5	95.7	97.3	97.3	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 921

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1/7	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	41.1	48.9	49.2	49.6	49.8	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 20000	48.0	57.0	57.7	58.4	58.6	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 18000	48.0	57.0	57.7	58.4	58.6	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 16000	48.0	57.0	57.7	58.4	58.6	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 14000	49.2	58.8	59.5	60.2	60.5	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 12000	49.6	59.3	60.0	60.7	60.9	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 10000	52.5	63.4	64.7	65.4	65.8	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 9000	52.5	63.4	64.7	65.4	65.8	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 8000	53.0	64.6	66.2	66.9	67.4	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 7000	53.8	65.9	67.4	68.2	68.7	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 6000	54.7	67.7	69.2	70.0	70.7	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 5000	56.0	69.4	70.9	71.8	72.6	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 4500	56.2	69.9	71.3	72.3	73.0	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4000	57.0	71.5	73.0	74.0	75.0	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 3500	58.2	73.6	75.3	76.4	77.4	78.0	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 3000	58.5	75.6	77.3	78.5	79.6	80.3	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 2500	59.0	76.4	78.7	80.4	81.6	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 2000	59.5	77.8	80.5	82.2	83.7	84.6	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1800	59.6	78.0	80.8	82.5	83.9	84.9	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1500	60.1	79.6	82.7	84.4	85.9	86.9	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1200	60.3	79.8	83.2	84.9	86.5	87.5	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1000	60.6	80.4	83.9	85.7	87.4	88.6	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 900	60.6	80.5	84.0	85.9	87.7	88.9	89.6	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 800	60.6	80.7	84.2	86.0	87.9	89.1	90.1	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 700	60.6	80.8	84.5	86.6	88.6	89.2	91.4	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 600	60.6	80.8	84.5	86.9	89.1	90.8	92.4	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 500	60.6	80.9	84.8	87.2	89.7	91.7	93.8	94.9	94.9	95.0	95.3	95.3	95.3	95.3	95.3	95.3
GE 400	60.6	81.0	84.9	87.3	90.0	92.6	95.3	96.6	96.7	97.5	97.9	97.9	97.9	97.9	97.9	97.9
GE 300	60.6	81.0	84.9	87.3	90.2	93.0	95.9	97.5	97.9	99.0	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	60.6	81.0	84.9	87.3	90.2	93.0	95.9	97.5	97.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	60.6	81.0	84.9	87.3	90.2	93.0	95.9	97.5	97.9	99.3	99.8	99.8	99.8	99.8	100.0	100.0
GE	60.6	81.0	84.9	87.3	90.2	93.0	95.9	97.5	97.9	99.3	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 827

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 77-82,86  
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 1/16	GE 1/4	GE 0	
NO CEIL	34.1	50.6	51.3	51.7	51.9	52.0	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	
GE 20000	38.4	57.1	57.7	58.3	59.0	59.1	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	
GE 18000	38.4	57.1	57.7	58.3	59.0	59.1	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	
GE 16000	38.4	57.1	57.7	58.3	59.0	59.1	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	
GE 14000	39.3	58.5	59.1	59.7	60.4	60.5	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	
GE 12000	39.5	59.3	59.9	60.5	61.2	61.3	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	
GE 10000	41.0	62.7	63.7	64.5	65.1	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	
GE 9000	41.0	62.9	63.8	64.6	65.3	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	
GE 8000	41.5	66.0	67.5	68.2	68.9	69.0	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	
GE 7000	42.0	67.5	68.9	69.8	70.4	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	
GE 6000	42.0	67.6	69.0	70.0	70.9	71.1	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	
GE 5000	43.1	69.2	70.6	71.5	73.1	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	
GE 4500	43.1	70.0	71.4	72.3	73.9	74.1	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	
GE 4000	43.2	72.0	73.4	74.5	76.1	76.4	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	
GE 3500	43.9	74.5	75.9	77.5	79.4	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	
GE 3000	44.2	76.1	77.5	79.2	81.8	82.1	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	
GE 2500	44.2	77.7	79.2	81.4	84.1	84.6	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	
GE 2000	44.5	78.8	81.0	83.2	85.8	86.5	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	
GE 1800	44.7	78.9	81.1	83.3	86.0	86.6	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	
GE 1500	44.7	79.2	81.8	84.1	86.8	87.4	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	
GE 1200	44.7	79.7	82.2	84.6	87.4	88.1	88.5	89.0	89.0	89.0	89.0	89.2	89.2	89.2	89.2	89.2	
GE 1000	44.7	79.9	82.4	84.7	87.9	88.5	89.0	89.6	89.6	89.6	89.6	89.8	89.8	89.8	89.8	89.8	
GE 900	44.7	79.9	82.4	84.7	88.2	88.8	89.3	89.9	89.9	89.9	90.1	90.3	90.3	90.3	90.3	90.3	
GE 800	44.7	80.3	82.9	85.4	88.8	89.5	90.1	90.7	90.7	90.7	90.9	91.2	91.2	91.2	91.2	91.2	
GE 700	44.7	80.7	83.2	86.2	89.8	90.4	91.0	91.7	91.7	91.8	92.1	92.1	92.1	92.1	92.1	92.1	
GE 600	44.7	81.1	83.8	86.9	90.7	91.5	92.3	93.2	93.2	93.4	93.7	93.7	93.7	93.7	93.7	93.7	
GE 500	44.7	81.3	84.1	87.4	91.5	92.5	93.7	95.1	95.1	95.9	96.4	96.4	96.4	96.4	96.4	96.4	
GE 400	44.7	81.3	84.1	87.4	91.5	92.5	94.0	95.4	95.4	96.5	97.2	97.2	97.2	97.2	97.2	97.2	
GE 300	44.7	81.3	84.1	87.4	91.5	92.5	94.0	95.4	95.6	96.7	97.6	97.6	98.1	98.1	98.1	98.1	
GE 200	44.7	81.3	84.1	87.4	91.5	92.5	94.0	95.6	95.8	97.0	98.3	98.3	99.1	99.1	99.1	99.1	
GE 100	44.7	81.3	84.1	87.4	91.5	92.5	94.0	95.6	95.8	97.3	98.6	98.6	99.4	99.4	99.5	99.5	
GE 0	44.7	81.3	84.1	87.4	91.5	92.5	94.0	95.6	95.8	97.3	98.6	98.6	99.4	99.4	99.5	100.0	

TOTAL NUMBER OF OBSERVATIONS: 636

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 77-82,86  
MONTH: DEC HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1/2	3/8	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	3	4
NO CEIL	31.3	51.2	52.1	52.8	53.3	53.3	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 2000	33.9	55.8	56.8	57.7	58.2	58.2	58.6	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 1800	33.9	55.8	56.8	57.7	58.2	58.2	58.6	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 1600	33.9	55.8	56.8	57.7	58.2	58.2	58.6	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 1400	34.6	56.5	57.5	58.4	58.9	58.9	59.3	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 1200	34.8	57.2	58.2	59.1	59.6	59.6	60.0	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 1000	37.9	62.6	63.6	64.5	65.0	65.0	65.4	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 900	37.9	62.6	63.6	64.5	65.0	65.0	65.4	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 800	38.3	65.0	66.4	67.3	67.8	67.8	68.2	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 700	38.3	65.7	67.1	68.2	68.7	68.7	69.2	69.6	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 600	38.3	66.4	67.8	68.9	69.4	69.4	69.9	70.3	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 500	39.7	68.5	69.9	71.0	71.7	71.7	72.2	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 450	39.7	69.9	71.7	72.9	73.6	73.6	74.1	74.5	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 400	39.7	72.2	74.1	75.2	76.2	76.2	76.6	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 350	42.4	75.2	77.1	78.5	79.4	79.4	79.9	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 300	40.7	77.1	79.2	80.6	82.0	82.0	82.5	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 250	40.7	77.8	79.9	81.8	83.2	83.2	83.6	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 200	41.1	78.5	80.8	82.7	84.3	84.3	84.8	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 180	41.1	78.7	81.1	82.9	84.6	84.6	85.0	85.7	85.7	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 150	41.1	76.7	81.1	83.2	84.8	84.8	85.3	86.2	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 120	41.1	79.4	81.8	83.9	85.7	85.7	86.2	87.1	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 100	41.6	80.1	82.7	84.8	86.7	86.7	87.4	88.3	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 90	41.6	80.1	82.9	85.0	86.9	86.9	87.6	88.8	88.8	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 80	41.6	80.1	82.9	85.3	88.1	88.1	88.8	90.0	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 70	41.6	80.4	83.6	86.4	89.3	89.3	90.2	91.4	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 60	41.6	80.4	83.6	86.7	89.7	90.0	90.7	91.8	91.8	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 50	41.6	80.6	83.9	87.1	90.7	90.9	91.6	92.8	92.8	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 40	41.6	80.6	84.1	88.1	91.8	92.1	93.0	94.4	94.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 30	41.6	80.6	84.1	88.1	91.8	92.3	93.5	95.1	95.1	97.4	97.7	97.7	97.7	97.7	97.7	97.7
GE 20	41.6	80.6	84.1	88.1	91.8	92.3	93.7	95.3	95.3	97.7	98.4	98.4	98.6	98.6	98.6	98.6
GE 10	41.6	80.6	84.1	88.1	91.8	92.3	93.7	95.3	95.3	97.7	98.6	98.6	99.3	99.3	99.5	99.5
GE CL	41.6	80.6	84.1	88.1	91.8	92.3	93.7	95.3	95.3	97.7	98.6	98.6	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 428

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM FOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	34.2	46.5	47.6	48.7	49.5	49.9	50.1	50.5	50.6	50.8	50.8	50.8	50.8	50.8	50.9	51.0
GE 20000	38.8	53.3	54.8	56.1	57.0	57.5	57.8	58.3	58.3	58.6	58.6	58.6	58.6	58.6	58.7	58.8
GE 18000	38.8	53.3	54.8	56.1	57.0	57.5	57.8	58.3	58.3	58.6	58.6	58.6	58.6	58.6	58.7	58.8
GE 16000	38.8	53.3	54.8	56.1	57.0	57.5	57.8	58.3	58.3	58.6	58.6	58.6	58.6	58.6	58.7	58.8
GE 14000	39.5	54.5	56.1	57.4	58.3	58.9	59.2	59.7	59.8	60.0	60.0	60.1	60.1	60.1	60.2	60.2
GE 12000	39.8	55.0	56.6	58.0	58.9	59.4	59.8	60.2	60.3	60.5	60.6	60.6	60.6	60.6	60.7	60.8
GE 10000	41.7	58.7	60.7	62.2	63.2	63.7	64.1	64.6	64.6	64.9	64.9	64.9	64.9	64.9	65.0	65.1
GE 9000	41.8	58.8	60.9	62.4	63.4	63.9	64.3	64.8	64.8	65.1	65.1	65.1	65.1	65.1	65.2	65.3
GE 8000	42.6	60.8	63.1	64.7	65.8	66.4	66.8	67.3	67.3	67.6	67.6	67.7	67.7	67.7	67.8	67.9
GE 7000	43.1	61.8	64.1	65.7	66.9	67.5	67.8	68.3	68.4	68.6	68.7	68.7	68.7	68.7	68.8	68.9
GE 6000	43.7	62.9	65.2	66.9	68.1	68.7	69.1	69.6	69.7	69.9	69.9	70.0	70.0	70.0	70.1	70.2
GE 5000	44.6	64.4	66.8	68.6	70.1	70.7	71.2	71.7	71.7	72.0	72.0	72.1	72.1	72.1	72.2	72.3
GE 4000	44.9	65.3	67.8	69.7	71.2	71.8	72.2	72.7	72.8	73.0	73.1	73.1	73.1	73.1	73.3	73.4
GE 4000	45.4	67.0	69.8	71.7	73.3	74.0	74.5	75.0	75.1	75.3	75.4	75.4	75.4	75.4	75.6	75.7
GE 3500	45.9	68.6	71.5	73.6	75.2	75.9	76.4	77.0	77.1	77.3	77.4	77.4	77.4	77.4	77.6	77.7
GE 3000	46.6	70.8	73.7	75.9	77.7	78.5	79.0	79.6	79.7	79.9	80.0	80.0	80.1	80.1	80.2	80.3
GE 2500	47.1	72.4	75.7	78.1	80.1	81.0	81.6	82.2	82.3	82.5	82.6	82.6	82.7	82.7	82.8	82.9
GE 2000	47.6	73.4	77.0	79.5	81.7	82.7	83.3	84.0	84.0	84.3	84.4	84.4	84.4	84.4	84.6	84.7
GE 1800	47.7	73.6	77.2	79.7	81.9	82.9	83.5	84.2	84.3	84.5	84.6	84.6	84.7	84.7	84.8	84.9
GE 1500	48.0	74.4	78.1	80.8	83.1	84.1	84.8	85.5	85.6	85.9	85.9	86.0	86.0	86.0	86.1	86.2
GE 1200	48.1	74.9	78.8	81.4	83.9	84.9	85.7	86.5	86.5	86.9	87.0	87.0	87.0	87.0	87.2	87.3
GE 1000	48.2	75.5	79.6	82.4	85.1	86.3	87.1	88.0	88.0	88.4	88.5	88.5	88.6	88.6	88.7	88.8
GE 900	48.2	75.6	79.8	82.6	85.4	86.6	87.5	88.4	88.4	88.8	88.9	88.9	89.0	89.0	89.2	89.2
GE 800	48.3	75.9	80.2	83.1	86.2	87.4	88.5	89.4	89.5	89.9	90.0	90.0	90.1	90.1	90.3	90.4
GE 700	48.3	76.2	80.7	83.7	86.9	88.4	89.6	90.5	90.6	91.0	91.2	91.2	91.2	91.2	91.4	91.5
GE 600	48.4	76.4	80.9	84.1	87.5	89.2	90.6	91.7	91.8	92.3	92.4	92.4	92.5	92.5	92.7	92.8
GE 500	48.4	76.5	81.2	84.5	88.2	90.1	92.1	93.7	93.8	94.7	94.9	94.9	95.0	95.0	95.2	95.3
GE 400	48.4	76.5	81.3	84.7	88.6	90.8	93.2	95.0	95.1	96.4	96.8	96.9	97.0	97.0	97.1	97.2
GE 300	48.4	76.5	81.3	84.7	88.7	91.0	93.5	95.5	95.7	97.2	97.8	97.9	98.0	98.1	98.3	98.4
GE 200	48.4	76.5	81.3	84.7	88.7	91.0	93.6	95.6	95.9	97.5	98.2	98.2	98.5	98.6	98.9	99.0
GE 100	48.4	76.5	81.3	84.7	88.7	91.0	93.6	95.6	95.9	97.7	98.4	98.4	98.8	98.8	99.2	99.4
GE	48.4	76.5	81.3	84.7	88.7	91.0	93.6	95.6	95.9	97.7	98.4	98.4	98.8	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 4251

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM FOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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	GE 1 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	28.7	42.1	45.6	48.2	50.7	51.7	52.4	52.7	52.7	52.9	52.9	52.9	53.0	53.0	53.1	53.1	
GE 2000	32.5	48.6	52.9	56.0	59.0	60.1	60.9	61.3	61.3	61.5	61.6	61.6	61.6	61.6	61.6	61.7	61.8
GE 1800	32.5	48.6	52.9	56.0	59.0	60.1	60.9	61.3	61.3	61.5	61.6	61.6	61.6	61.6	61.6	61.7	61.8
GE 1600	32.5	48.6	53.0	56.0	59.0	60.2	61.0	61.3	61.3	61.5	61.6	61.6	61.6	61.6	61.7	61.7	61.8
GE 1400	33.0	49.7	54.1	57.3	60.3	61.5	62.3	62.7	62.7	62.9	63.0	63.0	63.0	63.0	63.1	63.2	
GE 1200	33.4	50.5	55.1	58.3	61.3	62.6	63.4	63.8	63.8	64.0	64.0	64.0	64.1	64.1	64.2	64.2	
GE 1000	35.1	54.1	59.2	62.8	66.1	67.4	68.3	68.7	68.7	68.9	69.0	69.0	69.0	69.1	69.1	69.2	
GE 900	35.2	54.2	59.3	62.9	66.2	67.5	68.4	68.8	68.8	69.0	69.1	69.1	69.1	69.1	69.2	69.3	
GE 800	35.9	56.0	61.3	65.1	68.5	69.8	70.7	71.2	71.2	71.4	71.4	71.4	71.5	71.5	71.6	71.6	
GE 700	36.2	56.6	61.9	65.7	69.1	70.5	71.4	71.8	71.9	72.1	72.1	72.1	72.2	72.2	72.3	72.3	
GE 600	36.7	57.6	63.0	66.9	70.4	71.8	72.7	73.2	73.2	73.4	73.4	73.4	73.5	73.5	73.6	73.6	
GE 500	37.4	59.1	64.8	68.7	72.4	73.9	74.8	75.3	75.3	75.5	75.6	75.6	75.6	75.6	75.7	75.8	
GE 450	37.6	59.6	65.3	69.3	73.1	74.5	75.5	75.9	75.9	76.2	76.2	76.2	76.3	76.3	76.4	76.4	
GE 400	38.2	61.1	67.0	71.2	75.0	76.5	77.5	78.0	78.0	78.2	78.3	78.3	78.3	78.4	78.5	78.5	
GE 350	38.7	62.1	68.2	72.4	76.3	77.9	79.0	79.4	79.4	79.6	79.7	79.7	79.8	79.8	79.9	79.9	
GE 300	39.3	63.7	70.1	74.5	78.7	80.4	81.5	81.9	82.0	82.2	82.3	82.3	82.3	82.4	82.4	82.5	
GE 250	39.9	65.1	71.7	76.3	80.7	82.4	83.6	84.1	84.1	84.3	84.4	84.4	84.5	84.5	84.6	84.6	
GE 200	40.4	66.3	73.2	77.9	82.5	84.3	85.5	86.0	86.0	86.3	86.3	86.3	86.4	86.4	86.5	86.6	
GE 180	40.5	66.6	73.5	78.3	82.9	84.7	85.9	86.4	86.5	86.7	86.8	86.8	86.9	86.9	87.0	87.1	
GE 150	40.8	67.7	74.8	79.9	84.6	86.6	87.9	88.4	88.5	88.7	88.8	88.8	88.9	88.9	89.0	89.0	
GE 120	40.9	68.2	75.5	80.7	85.6	87.7	89.0	89.6	89.6	89.9	90.0	90.0	90.1	90.1	90.2	90.2	
GE 100	41.1	68.8	76.3	81.6	86.7	88.9	90.4	91.0	91.0	91.4	91.4	91.4	91.5	91.5	91.6	91.7	
GE 90	41.1	68.9	76.4	81.9	87.1	89.3	90.7	91.4	91.5	91.8	91.9	91.9	91.9	92.0	92.1	92.1	
GE 80	41.1	69.1	76.6	82.3	87.7	90.0	91.6	92.3	92.3	92.7	92.8	92.8	92.9	92.9	93.0	93.0	
GE 70	41.1	69.3	77.1	82.7	88.2	90.6	92.3	93.1	93.1	93.5	93.6	93.6	93.6	93.7	93.8	93.8	
GE 60	41.1	69.4	77.3	83.0	88.7	91.3	93.1	94.0	94.0	94.4	94.5	94.5	94.6	94.6	94.7	94.8	
GE 50	41.2	69.6	77.6	83.5	89.4	92.3	94.5	95.7	95.8	96.4	96.6	96.6	96.7	96.7	96.8	96.8	
GE 40	41.2	69.6	77.7	83.6	89.7	92.7	95.1	96.5	96.6	97.5	97.7	97.7	97.8	97.8	98.0	98.0	
GE 30	41.2	69.6	77.7	83.6	89.8	92.8	95.3	96.9	97.0	98.1	98.4	98.4	98.6	98.7	98.8	98.9	
GE 20	41.2	69.6	77.7	83.6	89.8	92.9	95.4	97.0	97.1	98.3	98.7	98.7	99.0	99.1	99.3	99.4	
GE 10	41.2	69.6	77.7	83.6	89.8	92.9	95.4	97.0	97.2	98.4	98.8	98.8	99.1	99.2	99.5	99.5	
GE 0	41.2	69.6	77.7	83.6	89.8	92.9	95.4	97.0	97.2	98.4	98.8	98.9	99.2	99.3	99.6	99.6	

TOTAL NUMBER OF OBSERVATIONS: 51069

AD-A190 725

ELIZABETH CITY NORTH CAROLINA LIMITED SURFACE  
OBSERVATIONS CLIMATIC SUMMAR (U) AIR FORCE  
ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER  
MAR 88 USAFETAC/DS-88/015

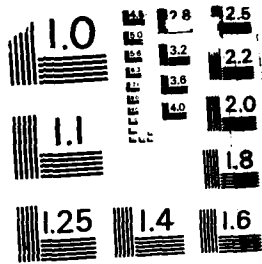
3/3

UNCLASSIFIED

SCOTT 9..  
F/C 4/2

ML

END  
DATE  
7-18-



MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC PERIOD OF RECORD: 78-87  
 MONTH: JAN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN
00-02												
03-05												
06-08	32.2			11.0					12.3	44.5		5.9
09-11	29.1			13.6					9.6	47.6		6.0
12-14	25.1			15.8					13.5	45.5		6.2
15-17	28.3			14.1					11.7	45.8		6.1
18-20	37.1			9.6					10.1	43.2		5.5
21-23	43.4			7.7					8.2	40.6		5.0
TOTALS	32.5			12.0					10.9	44.5		5.8

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC PERIOD OF RECORD: 78-87  
 MONTH: FEB

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN
00-02												
03-05												
06-08	27.1			11.8					11.6	49.4		6.3
09-11	24.3			13.8					13.3	48.6		6.5
12-14	18.6			16.1					16.1	49.1		6.6
15-17	18.8			16.5					15.5	49.2		6.6
18-20	27.0			17.8					11.8	43.4		5.9
21-23	34.2			12.0					11.8	42.0		5.6
TOTALS	25.0			14.7					13.4	47.0		6.3

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC 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
00-02													
03-05													
06-08	29.8			14.5					11.8	43.9		5.9	5
09-11	27.2			16.5					12.4	43.9		6.0	5
12-14	22.6			18.9					16.7	41.8		6.3	5
15-17	24.2			17.2					18.1	40.5		6.2	5
18-20	31.5			19.0					15.2	34.3		5.4	7
21-23	48.7			10.5					8.5	32.4		4.3	4
TOTALS	30.7			16.1					13.8	39.5		5.7	44

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC 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
00-02													
03-05													
06-08	33.4			16.6					13.2	36.8		5.4	5
09-11	29.4			18.7					14.0	37.9		5.6	5
12-14	20.2			22.0					16.2	41.6		6.3	5
15-17	19.4			16.6					21.7	42.3		6.7	5
18-20	22.9			23.8					16.5	36.8		5.9	7
21-23	42.1			16.0					12.9	29.0		4.5	4
TOTALS	27.9			19.0					15.8	37.4		5.7	43

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC PERIOD OF RECORD: 78-87  
 MONTH: MAY

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN	TOT OB	
	0	1	2	3	4	5	6	7	8	9			10
00-02													
03-05													
06-08	26.5			14.1						16.1	43.3	6.2	84
09-11	23.7			17.8						19.7	38.8	6.2	92
12-14	14.0			23.7						24.7	37.5	6.7	92
15-17	14.1			21.2						26.6	38.1	6.0	78
18-20	21.7			19.8						21.0	37.6	6.2	72
21-23	36.7			15.7						16.1	31.5	5.1	24
TOTALS	22.8			18.7						20.7	37.8	6.2	446

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC PERIOD OF RECORD: 78-87  
 MONTH: JUN

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN	TOT OB	
	0	1	2	3	4	5	6	7	8	9			10
00-02													
03-05													
06-08	25.6			19.7						20.6	74.1	5.9	78
09-11	19.4			26.2						23.1	31.3	6.0	89
12-14	11.4			29.9						30.0	28.7	6.5	89
15-17	13.1			31.5						27.9	27.6	6.2	68
18-20	19.3			26.1						21.5	33.1	6.0	58
21-23	35.9			24.1						11.3	28.7	4.6	19
TOTALS	20.8			26.3						22.4	30.6	5.9	404

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC PERIOD OF RECORD: 74-87  
 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													
03-05													
06-08	23.5			19.1						20.9	36.5	6.1	800
09-11	17.2			24.2						27.1	31.5	6.3	913
12-14	7.7			32.7						32.0	27.6	6.6	917
15-17	9.3			36.6						27.1	27.0	6.2	719
18-20	18.9			22.6						28.2	30.3	6.2	610
21-23	33.2			18.5						20.9	27.5	5.2	211
TOTALS	18.3			25.6						26.0	30.1	6.1	4170

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC PERIOD OF RECORD: 74-87  
 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													
03-05													
06-08	24.7			20.3						21.8	33.2	5.9	765
09-11	16.8			25.2						28.8	29.2	6.3	877
12-14	8.6			31.6						33.6	26.2	6.6	886
15-17	9.4			29.0						33.2	28.4	6.7	704
18-20	17.2			24.1						29.7	29.0	6.3	606
21-23	32.4			24.0						22.5	21.1	4.9	204
TOTALS	18.2			25.7						28.3	27.9	6.1	4042

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-87  
 MONTH: SEP

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN	TOTAL OBS	
	0	1	2	3	4	5	6	7	8	9			10
00-02													
03-05													
06-08	26.5			21.0						16.7	35.8	5.7	777
09-11	24.2			22.1						23.9	29.8	5.8	883
12-14	14.3			30.9						25.5	29.2	6.1	893
15-17	15.6			29.9						21.2	33.3	6.1	699
18-20	25.9			24.4						19.4	30.4	5.5	599
21-23	38.0			20.5						13.5	28.0	4.6	200
TOTALS	24.1			24.8						20.0	31.1	5.6	4051

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 77-86  
 MONTH: OCT

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN	TOTAL OBS	
	0	1	2	3	4	5	6	7	8	9			10
00-02													
03-05													
06-08	29.4			17.4						14.2	39.1	5.7	755
09-11	26.9			18.7						17.5	37.0	5.6	922
12-14	18.4			23.4						21.5	36.7	6.3	929
15-17	22.5			25.3						17.3	34.9	5.8	742
18-20	41.9			19.2						9.2	29.8	4.4	642
21-23	50.4			15.3						5.4	28.9	3.8	242
TOTALS	31.6			19.9						14.2	34.4	5.3	4232

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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													
03-05													
06-08	26.7			14.5					14.9	44.0		6.2	505
09-11	26.1			15.5					16.8	41.7		6.1	893
12-14	21.0			18.3					18.2	42.4		6.4	900
15-17	21.3			20.2					17.5	41.0		6.3	807
18-20	33.9			16.8					12.5	36.8		5.3	625
21-23	37.3			13.0					11.1	38.6		5.2	415
TOTALS	27.7			16.4					15.2	40.8		5.9	4145

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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													
03-05													
06-08	27.2			15.3					14.3	43.3		6.1	504
09-11	27.4			13.5					14.5	44.6		6.2	911
12-14	22.9			15.9					18.2	42.9		6.4	916
15-17	25.9			16.1					15.3	42.7		6.1	826
18-20	36.1			12.4					8.5	43.0		5.4	635
21-23	39.8			10.5					10.8	38.9		5.2	427
TOTALS	27.9			14.0					13.6	42.6		5.9	4219

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 77-87  
 MONTH: ALL

		PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN	TOTAL OBS	
HOURS (LST)		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	32.5			12.0						10.9	44.5	5.6	4257
FEB		25.0			14.7						13.4	47.0	6.3	4064
MAR		30.7			16.1						13.8	39.5	5.7	4484
APR		27.9			19.0						15.8	37.4	5.7	4315
MAY		22.8			18.7						20.7	37.8	6.2	4460
JUN		20.8			26.3						22.4	30.6	5.9	4047
JUL		18.3			25.6						26.0	30.1	6.1	4170
AUG		18.2			25.7						28.3	27.9	6.1	4042
SEP		24.1			24.8						20.0	31.1	5.6	4051
OCT		31.6			19.9						14.2	34.4	5.3	4232
NOV		27.7			16.4						15.2	40.8	5.9	4145
DEC		29.9			14.0						13.6	42.6	5.9	4219
TOTALS		25.8			19.4						17.9	37.0	5.9	50486

PPPPPPP  
PPPPPPP  
PP PP  
PP PP  
PPPPPPP  
PPPPPPP  
PP  
PP  
PP  
PP  
PP

AAAAA  
AAAAAAA  
AA AA  
AA AA  
AA AA  
AAAAAAAAA  
AAAAAAAAA  
AA AA  
AA AA  
AA AA  
AA AA

RRRRRRR  
RRRRRRR  
RR RR  
RR RR  
RRRRRRR  
RRRRRRR  
RR RR  
RR RR  
RR RR  
RR RR

TTTTTTTTT  
TTTTTTTTT  
TT  
TT  
TT  
TT  
TT  
TT  
TT  
TT  
TT

EEEEEEEEE  
EEEEEEEEE  
EE  
EE  
EEEE  
EEEE  
EE  
EE  
EEEEEEEEE  
EEEEEEEEE

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

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

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

THE MINIMUM TABLE ALSO INCLUDES A 33 DEGREE FAHRENHEIT VALUE.

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

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS.

FOUR OR MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTING

EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM EXTRACTING THE HIGH AND LOW TEMPERATURES FROM THE HOURLY OBSERVATIONS.

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

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

AN ASTERISK 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

DRY-BULB TEMPERATURES DEG F FROM  
 HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
06-08	MEAN	35.0	36.5	45.2	55.7	63.9	72.1	75.8	74.2	68.6	57.3	50.0	40.4	58.9
	SD	10.256	10.409	9.643	8.034	7.355	5.459	4.446	5.179	6.582	9.025	10.303	11.308	16.039
	TOT OBS	524	503	550	564	837	786	832	810	805	791	512	518	8032
09-11	MEAN	39.8	42.4	51.8	62.4	71.2	78.8	82.5	81.4	76.6	66.4	57.2	46.6	63.2
	SD	9.539	10.562	10.168	8.958	7.417	5.256	4.657	4.816	6.302	7.721	9.640	10.604	16.906
	TOT OBS	925	845	930	896	930	900	928	914	895	929	900	921	10913
12-14	MEAN	44.5	47.2	56.5	66.6	75.1	82.3	85.7	84.9	80.4	70.6	61.9	51.5	67.4
	SD	9.937	11.116	10.928	9.703	8.172	5.842	5.512	5.538	6.748	7.929	9.646	10.965	16.696
	TOT OBS	923	843	930	897	930	899	928	918	898	930	900	921	10917
15-17	MEAN	44.5	47.0	56.1	66.1	74.1	81.4	85.2	83.4	79.1	68.2	60.3	50.8	65.5
	SD	9.945	10.691	10.706	9.378	8.302	6.385	5.744	6.200	6.634	8.310	9.371	10.894	16.504
	TOT OBS	829	781	850	772	740	673	734	698	709	744	807	827	9164
18-20	MEAN	39.2	40.5	49.5	59.6	67.7	75.7	80.1	77.4	72.3	59.7	53.2	44.8	59.6
	SD	9.822	9.617	9.859	8.364	7.714	6.328	5.308	5.647	6.063	8.380	9.451	10.646	16.290
	TOT OBS	637	659	706	624	643	561	635	602	614	643	624	636	7584
21-23	MEAN	37.5	38.5	46.5	55.3	64.0	71.5	76.2	74.3	69.8	57.4	51.4	43.3	52.9
	SD	9.972	9.809	9.381	8.783	7.813	6.186	4.957	5.161	5.850	8.465	10.024	10.873	15.518
	TOT OBS	429	442	468	392	218	182	218	205	206	245	417	428	3850
ALL HOURS	MEAN	40.8	42.8	51.6	62.0	70.2	77.9	81.7	80.2	75.3	64.4	56.8	47.1	62.5
	SD	10.440	11.156	11.060	9.937	8.915	7.040	6.374	6.803	7.853	9.766	10.587	11.505	16.967
	TOT OBS	4267	4073	4434	4145	4298	4001	4275	4147	4127	4282	4160	4251	50460

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

WET-BULB TEMPERATURES DEG F FROM  
 HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 77-87

POURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
06-08	MEAN	33.0	34.4	42.1	51.1	59.9	67.6	72.0	71.1	65.8	54.7	47.9	38.4	55.7
	SD	10.441	10.569	9.738	8.047	7.338	5.436	4.099	4.968	6.623	9.026	10.501	11.365	15.569
	TOT OBS	524	502	550	564	837	786	808	783	776	783	511	516	7940
09-11	MEAN	36.0	38.2	45.5	53.5	62.4	69.2	73.7	73.2	68.3	59.2	51.7	42.2	56.1
	SD	9.758	10.346	9.603	8.239	7.143	5.458	3.999	4.528	6.192	7.860	9.932	10.819	15.305
	TOT OBS	925	845	930	896	930	900	915	907	894	929	900	921	10892
12-14	MEAN	38.6	40.7	47.7	55.0	63.6	70.0	74.4	73.8	69.1	60.4	53.6	44.8	57.7
	SD	9.702	10.013	9.533	7.949	7.247	5.495	4.169	4.697	6.031	7.644	9.516	10.649	14.612
	TOT OBS	923	843	930	897	930	899	914	912	896	929	900	921	10894
15-17	MEAN	38.7	40.6	47.6	55.0	63.4	70.0	74.4	73.7	69.0	58.9	53.0	44.5	56.4
	SD	9.610	9.613	9.085	7.713	7.087	5.430	4.215	4.654	5.779	7.706	9.346	10.507	14.575
	TOT OBS	829	780	850	772	740	673	699	647	652	734	807	827	9010
18-20	MEAN	36.0	37.2	44.6	52.9	61.5	68.6	73.2	72.4	67.4	55.5	50.0	41.5	54.2
	SD	9.921	9.492	9.035	7.738	7.323	5.759	4.357	4.775	5.962	7.796	9.868	10.719	15.176
	TOT OBS	637	659	706	624	643	561	588	524	529	621	624	636	7352
21-23	MEAN	34.9	36.0	43.1	51.2	60.3	67.2	72.1	71.4	66.6	54.4	48.8	40.6	49.4
	SD	10.019	9.797	9.102	8.269	7.628	6.041	4.644	4.896	6.094	7.947	10.279	10.935	15.013
	TOT OBS	428	442	468	391	218	182	200	177	178	237	417	428	3766
ALL POURS	MEAN	36.6	38.3	45.5	53.5	62.1	69.0	73.5	72.8	67.9	57.8	51.3	42.5	55.6
	SD	10.036	10.208	9.576	8.120	7.377	5.615	4.276	4.837	6.261	8.334	10.027	10.984	15.171
	TOT OBS	4266	4071	4434	4144	4298	4001	4124	3950	3925	4233	4159	4249	49854

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

DEW-POINT TEMPERATURES DEG F FROM  
 HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
06-08	MEAN	28.8	30.3	38.0	46.5	57.1	65.0	70.1	69.6	64.1	52.6	45.6	35.0	52.9
	SD	13.336	13.238	11.898	10.214	8.739	6.489	4.732	5.515	7.381	9.873	11.788	13.629	17.098
	TOT OBS	524	502	550	564	837	786	808	783	776	783	511	516	7940
09-11	MEAN	29.4	31.4	37.7	44.9	56.1	63.7	69.5	69.2	63.4	53.6	46.2	35.9	50.1
	SD	13.555	13.708	12.772	11.797	9.974	7.773	5.458	5.939	8.174	10.422	12.961	14.553	17.710
	TOT OBS	925	845	930	896	930	900	915	907	894	929	900	921	10892
12-14	MEAN	29.3	31.4	37.6	44.3	55.5	63.1	69.0	68.5	62.5	52.4	45.4	35.8	49.6
	SD	14.111	13.723	13.308	12.091	10.507	8.019	5.945	6.310	8.527	10.796	13.467	15.006	17.781
	TOT OBS	923	843	930	897	930	899	914	912	896	929	900	921	10894
15-17	MEAN	29.3	31.3	37.6	44.7	55.9	63.7	69.3	68.8	62.9	51.6	45.7	36.2	48.6
	SD	14.126	13.486	12.887	11.805	10.150	7.820	5.912	6.121	8.334	10.680	13.170	14.646	17.806
	TOT OBS	829	780	850	772	740	673	699	647	652	734	807	827	9010
18-20	MEAN	30.4	31.7	38.6	46.5	57.0	64.5	70.0	69.8	64.7	52.3	46.5	36.9	49.8
	SD	13.188	12.322	11.279	10.480	9.296	7.381	5.472	5.565	6.939	9.025	12.000	13.192	17.127
	TOT OBS	637	659	706	624	643	561	588	524	529	621	624	636	7352
21-23	MEAN	29.9	31.6	38.9	47.0	57.6	64.7	70.2	69.8	64.9	52.2	45.9	36.6	45.9
	SD	13.114	12.320	10.915	10.072	8.542	6.848	5.207	5.279	6.751	8.841	12.061	13.222	16.942
	TOT OBS	428	442	464	391	218	182	200	177	178	237	417	428	3766
ALL HOURS	MEAN	29.5	31.3	38.0	45.4	56.3	64.0	69.6	69.1	63.5	52.5	45.9	36.0	49.8
	SD	13.666	13.246	12.395	11.353	9.746	7.533	5.522	5.917	7.952	10.191	12.746	14.239	17.587
	TOT OBS	4266	4071	4434	4144	4298	4001	4124	3950	3925	4233	4159	4249	49854

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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	00-02											
	03-05											
	06-08	100.0	100.0	99.4	97.9	94.3	87.8	73.7	58.2	30.2	79.2	524
	09-11	100.0	100.0	98.4	93.4	79.6	63.8	46.6	31.8	14.9	68.5	925
	12-14	100.0	99.1	93.5	77.9	56.3	38.9	27.7	19.8	11.7	58.2	923
	15-17	100.0	99.2	94.1	77.4	54.6	41.0	28.5	20.6	11.7	58.1	829
	18-20	100.0	100.0	99.5	96.9	86.5	73.5	55.4	35.9	16.8	72.0	637
	21-23	100.0	99.5	99.5	97.9	90.7	79.0	65.4	45.8	21.0	75.4	428
TOTALS		100.0	99.6	97.4	90.2	77.0	64.0	49.6	35.4	17.7	68.6	4268

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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											
	03-05											
	06-08	100.0	100.0	99.8	99.4	93.8	87.3	71.9	54.8	28.5	79.2	502
	09-11	100.0	99.9	98.9	92.4	78.8	60.0	41.8	28.4	14.2	67.1	845
	12-14	100.0	99.4	92.2	77.1	57.5	40.1	25.9	19.5	8.1	57.4	843
	15-17	100.0	99.5	90.8	76.3	57.8	42.6	27.8	17.7	9.6	57.8	780
	18-20	100.0	100.0	99.4	96.8	87.4	73.0	54.5	37.0	18.1	72.2	659
	21-23	100.0	100.0	100.0	98.4	93.2	82.8	66.5	48.4	26.7	77.4	442
	TOTALS	100.0	99.8	96.9	90.1	78.1	64.3	48.1	34.3	17.5	68.5	4071

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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											
	03-05											
	06-08	100.0	100.0	100.0	99.1	93.6	83.5	68.4	48.2	23.3	77.1	550
	09-11	100.0	99.9	96.9	86.3	67.2	48.1	30.5	18.1	9.1	61.2	930
	12-14	100.0	98.7	87.2	67.7	47.4	30.0	19.1	13.9	6.3	52.6	930
	15-17	100.0	97.2	86.6	69.8	50.5	33.1	22.5	16.0	7.9	53.9	850
	18-20	100.0	99.7	98.2	92.4	81.0	68.0	48.6	27.6	11.2	68.5	700
	21-23	100.0	100.0	99.6	98.1	92.5	84.6	66.2	44.7	20.3	76.1	460
TOTALS		100.0	99.3	94.8	85.6	72.0	57.9	42.6	28.1	13.0	64.9	4434

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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											
	03-05											
	06-08	100.0	100.0	99.6	98.2	89.5	74.3	56.7	36.5	15.4	72.9	564
	09-11	100.0	99.2	94.0	76.7	50.9	35.2	22.0	15.7	6.4	55.6	896
	12-14	100.0	96.5	80.9	55.6	36.5	23.6	16.8	11.7	4.3	48.3	897
	15-17	100.0	97.7	81.1	61.0	40.5	27.2	17.6	12.6	4.9	49.9	772
	18-20	100.0	99.8	96.2	89.3	76.3	60.4	37.8	20.8	7.5	64.4	624
	21-23	100.0	100.0	99.5	97.2	92.3	80.1	66.5	41.4	11.5	74.6	391
	TOTALS	100.0	98.9	91.9	79.7	64.3	50.1	36.2	23.1	8.3	61.0	4144

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-87  
 MONTH: MAY

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%		
MAY	00-02											
	03-05											
	06-08	100.0	100.0	100.0	99.8	96.8	88.4	74.9	55.6	22.1	79.4	837
	09-11	100.0	100.0	98.1	88.1	70.9	48.3	28.7	14.4	3.4	60.8	930
	12-14	100.0	99.5	92.4	72.2	50.4	29.8	18.8	8.8	1.9	53.0	930
	15-17	100.0	99.5	93.2	77.3	56.1	35.7	23.0	12.3	3.2	55.8	740
	18-20	100.0	100.0	99.1	96.1	87.4	72.5	51.2	29.4	7.3	70.2	643
	21-23	100.0	100.0	100.0	100.0	99.5	94.5	79.4	51.8	19.3	80.2	218
	TOTALS	100.0	99.8	97.1	88.9	76.9	61.5	46.0	28.7	9.5	66.6	4298

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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											
	03-05											
	06-08	100.0	100.0	100.0	99.9	98.5	92.1	77.9	49.4	13.0	78.8	786
	09-11	100.0	100.0	99.4	94.0	78.0	51.0	24.1	8.6	1.4	61.2	900
	12-14	100.0	100.0	97.1	83.8	55.7	26.5	10.2	5.1	.3	53.7	895
	15-17	100.0	100.0	97.0	86.8	65.2	32.7	16.0	7.7	2.1	56.5	673
	18-20	100.0	100.0	99.6	96.6	92.0	73.8	47.8	25.3	4.5	69.5	561
	21-23	100.0	100.0	100.0	100.0	100.0	96.2	80.8	51.1	9.3	79.6	182
TOTALS	100.0	100.0	98.9	93.5	81.6	62.1	42.8	24.5	5.1	66.6	4001	

GLOBAL CLIMATOLOGY BRANCH  
 USAFETA/C  
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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	00-02											
	03-05											
	06-08	100.0	100.0	100.0	99.9	99.8	97.5	88.4	63.9	17.5	82.6	806
	09-11	100.0	100.0	99.9	98.5	89.4	66.2	34.6	9.3	1.5	65.6	915
	12-14	100.0	100.0	99.7	92.8	69.5	43.5	17.9	6.8	2.0	58.7	914
	15-17	100.0	100.0	99.9	94.1	72.5	46.5	21.9	10.9	2.1	60.5	699
	18-20	100.0	100.0	100.0	99.5	94.9	79.6	55.6	32.1	6.3	72.5	586
	21-23	100.0	100.0	100.0	100.0	100.0	96.0	87.5	66.5	13.5	82.3	200
	TOTALS	100.0	100.0	99.9	97.5	87.7	71.6	51.0	31.6	7.2	70.4	4124

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 7A-87  
 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											
	03-05											
	06-08	100.0	100.0	100.0	100.0	99.6	98.5	94.3	73.3	25.4	85.3	783
	09-11	100.0	100.0	100.0	99.2	92.2	74.1	35.9	10.3	2.6	67.0	907
	12-14	100.0	100.0	100.0	95.4	74.0	40.4	13.4	6.3	2.2	58.7	912
	15-17	100.0	100.0	100.0	97.7	78.4	48.5	24.0	11.3	2.9	61.9	647
	18-20	100.0	100.0	100.0	100.0	98.5	91.4	73.9	43.1	7.4	77.1	524
	21-23	100.0	100.0	100.0	100.0	100.0	98.9	96.0	76.3	19.2	85.3	177
	TOTALS	100.0	100.0	100.0	98.7	90.5	75.3	56.3	36.8	10.0	72.6	3950

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 78-87  
 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											
	03-05											
	06-08	100.0	100.0	100.0	100.0	99.7	98.5	91.0	76.2	27.7	85.4	776
	09-11	100.0	100.0	99.7	96.9	86.4	59.8	31.7	14.3	4.0	64.9	894
	12-14	100.0	99.9	98.1	88.6	57.8	29.8	15.6	9.6	3.7	56.1	896
	15-17	100.0	99.7	97.9	89.0	67.3	40.2	21.3	11.2	4.4	59.1	652
	18-20	100.0	100.0	100.0	99.4	98.3	93.8	75.2	44.8	8.7	77.6	529
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	94.4	76.4	17.4	84.7	178
	TOTALS	100.0	99.9	99.3	95.7	84.9	70.3	54.9	38.8	11.0	71.3	3925

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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											
	03-05											
	06-08	100.0	100.0	100.0	100.0	99.9	97.2	86.8	67.9	40.0	85.1	783
	09-11	100.0	100.0	99.8	94.1	79.1	57.3	36.8	19.6	6.0	64.9	929
	12-14	100.0	99.9	97.1	79.0	53.8	29.6	16.6	10.2	3.0	54.5	929
	15-17	100.0	99.9	96.0	84.5	64.4	38.7	21.7	13.2	5.0	57.9	734
	18-20	100.0	100.0	100.0	99.4	97.6	90.5	75.0	48.3	17.1	78.5	621
	21-23	100.0	100.0	100.0	100.0	99.2	97.0	86.5	68.8	35.9	84.4	237
	TOTALS	100.0	100.0	98.8	92.8	82.3	68.4	53.9	38.0	17.8	70.9	4233

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 77-86  
 MONTH: NOV

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%		
NOV	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	99.2	95.5	88.3	69.3	40.5	85.3	511
	09-11	100.0	99.9	99.0	93.3	82.9	67.7	47.2	27.8	12.1	68.7	900
	12-14	100.0	99.3	94.0	79.1	58.3	40.2	27.1	15.0	7.3	57.7	900
	15-17	100.0	99.1	95.7	83.4	67.5	48.0	32.6	20.3	9.5	61.3	807
	18-20	100.0	100.0	99.8	98.9	94.6	88.1	74.2	53.4	21.5	78.9	624
	21-23	100.0	100.0	99.8	99.0	95.7	90.6	79.6	65.9	36.9	82.4	417
	TOTALS	100.0	99.7	98.1	92.3	83.0	71.7	58.2	42.0	21.3	72.4	4159

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 77-86  
 MONTH: DEC

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%		
DEC	00-02											
	03-05											
	06-08	100.0	100.0	99.6	99.2	94.8	90.9	78.5	60.9	32.8	81.4	516
	09-11	100.0	99.8	98.5	92.9	81.1	65.3	44.4	29.1	14.9	68.3	921
	12-14	100.0	99.9	93.5	77.4	58.6	38.5	26.3	18.5	8.7	57.8	921
	15-17	100.0	99.5	94.4	81.0	65.5	46.6	31.0	19.5	10.6	60.4	827
	18-20	100.0	100.0	99.8	97.2	90.9	79.9	64.0	42.6	18.7	74.8	636
	21-23	100.0	100.0	100.0	99.1	93.5	84.1	72.7	53.5	25.5	78.1	428
	TOTALS	100.0	99.9	97.6	91.1	80.7	67.6	52.8	37.4	18.5	70.1	4249

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

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	99.6	97.4	90.2	77.0	64.0	49.6	35.4	17.7	68.6	4266
FEB		100.0	99.8	96.9	90.1	78.1	64.3	48.1	34.3	17.5	68.5	4071
MAR		100.0	99.3	94.8	85.6	72.0	57.9	42.6	28.1	13.0	64.9	4434
APR		100.0	98.9	91.9	79.7	64.3	50.1	36.2	23.1	8.3	61.0	4144
MAY		100.0	99.8	97.1	88.9	76.9	61.5	46.0	28.7	9.5	66.6	4298
JUN		100.0	100.0	98.9	93.5	81.6	62.1	42.8	24.5	5.1	65.6	4001
JUL		100.0	100.0	99.9	97.5	87.7	71.6	51.0	31.6	7.2	70.4	4124
AUG		100.0	100.0	100.0	98.7	90.5	75.3	56.3	36.8	10.0	72.6	3950
SEP		100.0	99.9	99.3	95.7	84.9	70.3	54.9	38.8	11.0	71.3	3925
OCT		100.0	100.0	98.8	92.8	82.3	68.4	53.9	38.0	17.8	70.9	4233
NOV		100.0	99.7	98.1	92.3	83.0	71.7	58.2	42.0	21.3	72.4	4159
DEC		100.0	99.9	97.6	91.1	80.7	67.6	52.8	37.4	18.5	70.1	4249
TOTALS		100.0	99.7	97.6	91.3	79.9	65.4	49.4	33.2	13.1	68.7	49854

PPPPPPP  
PPPPPPP  
PP PP  
PP PP  
PPPPPPPP  
PPPPPPP  
PP  
PP  
PP  
PP

AAAAAA  
AAAAAAA  
AA AA  
AA AA  
AA AA  
AAAAAAAAA  
AAAAAAAAA  
AA AA  
AA AA  
AA AA  
AA AA

RRRRRRR  
RRRRRRR  
RR RR  
RR RR  
RRRRRRR  
RRRRRRR  
RR RR  
RR RR  
RR RR  
RR RR

TTTTTTTT  
TTTTTTTT  
TT  
TT  
TT  
TT  
TT  
TT  
TT  
TT

FFFFFFFFF  
FFFFFFFFF  
FF  
FF  
FFFFF  
FFFFF  
FF  
FF  
FF  
FF

7

PRECIPITATION SUMMARY

PRESSURE SUMMARIES

STATION 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.

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/HAC

STATION PRESSURE IN INCHES HG FROM  
 HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
01	MEAN SD TOT OBS													
04	MEAN SD TOT OBS													
07	MEAN SD TOT OBS	30.054 .269 216	30.082 .263 221	30.037 .256 246	29.990 .223 243	30.005 .157 310	30.009 .139 300	30.020 .112 308	30.040 .115 308	30.072 .140 300	30.094 .179 297	30.125 .193 209	30.131 .236 211	30.051 .195 3169
10	MEAN SD TOT OBS	30.096 .274 309	30.109 .268 282	30.054 .271 310	29.999 .226 299	30.013 .159 310	30.015 .142 300	30.030 .116 310	30.052 .117 305	30.087 .142 297	30.118 .186 310	30.136 .207 300	30.166 .237 307	30.073 .210 3639
13	MEAN SD TOT OBS	30.036 .276 307	30.066 .270 281	30.012 .272 310	29.964 .226 299	29.986 .159 310	29.994 .142 300	30.010 .118 310	30.029 .117 307	30.058 .143 299	30.076 .189 310	30.084 .209 300	30.105 .239 307	30.035 .209 3640
16	MEAN SD TOT OBS	30.020 .276 307	30.038 .263 281	29.976 .268 309	29.929 .221 292	29.960 .157 240	29.969 .145 198	29.978 .123 213	30.000 .119 210	30.013 .128 206	30.043 .197 222	30.068 .208 299	30.090 .240 307	30.009 .216 3084
19	MEAN SD TOT OBS	30.046 .260 211	30.069 .260 216	29.995 .258 247	29.945 .215 234	29.969 .153 245	29.976 .141 198	29.981 .116 211	30.009 .114 214	30.027 .125 203	30.062 .186 214	30.107 .195 210	30.110 .245 211	30.023 .205 2614
22	MEAN SD TOT OBS	30.053 .262 215	30.075 .258 221	30.023 .254 244	29.987 .216 185	29.910 1	30.070 1	29.977 3			30.187 .176 29	30.117 .193 208	30.117 .245 214	30.065 .243 1321
ALL	MEAN SD TOT OBS	30.051 .271 1565	30.073 .265 1502	30.016 .265 1666	29.968 .223 1552	29.989 .158 1416	29.996 .143 1297	30.007 .118 1355	30.029 .118 1344	30.056 .139 1305	30.084 .189 1382	30.104 .203 1526	30.120 .241 1557	30.042 .211 17467

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

SEA LEVEL PRESSURE IN MRS FROM  
 HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
01	MEAN SD TOT OBS													
04	MEAN SD TOT OBS													
07	MEAN SD TOT OBS	1018.8 9.321 189	1020.0 8.971 169	1017.2 8.927 185	1016.6 7.501 215	1016.8 5.318 310	1016.9 4.719 300	1017.2 3.810 305	1017.9 3.930 297	1019.1 4.749 291	1019.8 6.059 292	1020.6 6.644 180	1020.7 8.148 185	1018.3 6.526 2918
10	MEAN SD TOT OBS	1019.8 9.275 309	1020.3 9.080 282	1018.4 9.185 310	1016.6 7.667 299	1017.1 5.389 310	1017.1 4.826 300	1017.5 3.874 305	1018.4 3.984 297	1019.6 4.792 291	1020.6 6.301 310	1021.2 7.030 300	1022.2 8.036 306	1019.1 7.111 3619
13	MEAN SD TOT OBS	1017.8 9.350 307	1018.8 9.158 281	1017.0 9.221 310	1015.4 7.671 299	1016.1 5.388 310	1016.4 4.798 300	1016.9 3.964 305	1017.6 3.971 297	1018.6 4.853 291	1019.2 6.421 310	1019.4 7.088 300	1020.2 8.071 307	1017.8 7.077 3617
16	MEAN SD TOT OBS	1017.3 9.331 307	1017.9 8.920 280	1015.8 9.068 309	1014.4 7.666 264	1014.7 5.484 186	1015.5 5.104 150	1015.9 4.148 156	1016.8 3.563 155	1016.8 4.091 150	1017.9 6.797 203	1018.9 7.063 299	1019.7 8.114 307	1017.0 7.558 2766
19	MEAN SD TOT OBS	1018.3 9.176 186	1019.3 8.978 168	1015.8 8.828 186	1015.3 7.626 180	1015.0 5.337 186	1015.7 4.970 150	1016.0 4.032 155	1017.0 3.390 155	1017.2 4.015 150	1018.3 6.372 186	1020.0 6.657 180	1019.9 8.443 186	1017.4 7.110 2068
22	MEAN SD TOT OBS	1018.8 9.116 186	1019.7 8.878 168	1016.7 8.615 184	1016.6 7.395 155	1013.5 1	1019.0 1	1015.8 3			1022.9 5.359 23	1020.4 6.519 180	1020.2 8.485 186	1018.8 8.320 1087
ALL HOURS	MEAN SD TOT OBS	1018.4 9.334 1484	1019.3 9.036 1348	1016.9 9.059 1484	1015.7 7.643 1412	1016.1 5.439 1303	1016.5 4.871 1201	1016.9 3.978 1229	1017.7 3.875 1201	1018.5 4.716 1173	1019.4 6.427 1324	1020.0 6.933 1439	1020.5 8.220 1477	1018.0 7.207 16075

SUPPLEMENTAL DATA SECTION SPECIAL CAVEAT PAGE

1. GIVE PARTICULAR ATTENTION TO THE HOURS OF OPERATION PROVIDED AT BEGINNING OF THE LISOCs.
2. EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS WILL NOT REFLECT IN THESE SUMMARIES.
3. 24-HOUR PRECIPITATION (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES MAY NOT REFLECT TRUE 24-HOUR AMOUNTS.
  - A. RECORDED PRECIPITATION AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS.
  - B. PERIODS GREATER THAN 24 HOURS DO NOT TAKE INTO ACCOUNT EVAPORATION.
  - C. THIS 24-HOUR AMOUNT MAY, BUT MORE FREQUENTLY DOES NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT" AMOUNT.
  - D. COMBINATIONS OF THE ABOVE LIMITATIONS TEND TO FURTHER EXAGGERATE THE QUESTIONABILITY OF THESE 24-HOUR AMOUNTS.
4. MONTHLY AMOUNTS OF PRECIPITATION (INCLUDING SNOWFALL) ARE NOT AS SERIOUSLY AFFECTED AS THE 24-HOUR VALUES. HOWEVER, EVAPORATION (SUBLIMATION) CAN CAUSE "BOGUS" AMOUNTS TO BE INCLUDED FOR NON-OPERATIONAL PERIODS WHERE THE VALUES ARE DEPENDENT ON THE LENGTH OF TIME OF THESE NON-OPERATIONAL PERIODS.
5. THE TEMPERATURES SUMMARIES REPRESENT THE "HIGH" AND "LOW" SUMMARIZED TEMPERATURES AND NOT THE ACTUAL MAXIMUM AND MINIMUM TEMPERATURES.

USAFETAC RECOMMENDS THAT COPIES OF FULL TIME PERIODS, WHEN AVAILABLE, BE ACCOMPANIED BY THE CAVEAT --EXTREMES OCCURRING OUTSIDE THE FULL TIME PERIOD SUMMARIZED ARE NOT REFLECTED IN THESE SUMMARIES.

USAFETAC ALSO RECOMMENDS LIMITED DISTRIBUTION OF THE LIMITED OR PART TIME PERIOD TO METEOROLOGIST (TECHNICIANS), AND BE ACCOMPANIED BY THIS CAVEAT PAGE.

SUPPLEMENTAL DATA SECTION--SUMMARY OF DAY DATA

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.

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 AMOUNTS, 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.

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.

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 ASTERISK INDICATES AN INCOMPLETE MONTH.

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
 FROM DAILY OBSERVATIONS

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 49-53, 55-69  
 MONTH: ALL

MONTH	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
JAN	.8	40.6	1.8	11.5		44.4	48.2	65.8	.8		75.3	620
FEB	2.3	48.1	.5	8.8		52.2	49.2	65.7	.7		74.2	565
MAR	5.2	42.6		5.5		44.7	44.5	64.2	.3		73.1	620
APR	10.0	42.7		.2	.3	42.8	45.2	66.3			72.3	600
MAY	17.8	39.7			.3	39.7	53.5	60.5			65.1	589
JUN	21.7	43.0				43.0	58.3	82.4			67.6	540
JUL	29.0	43.2				43.2	54.1	81.4			64.1	558
AUG	26.9	47.5				47.5	62.7	82.8			67.5	558
SEP	9.3	37.7				37.7	63.3	78.3			63.5	539
OCT	4.1	33.5				33.5	69.4	77.6			64.8	558
NOV	1.3	33.1		1.5		33.9	53.3	66.9			74.4	540
DEC	1.1	36.6	.4	4.7		38.5	48.4	65.4	.4		75.1	558
TOTALS	10.8	40.7	.2	2.7	.0	41.8	54.2	73.1	.2		79.7	6845

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 49-69

AMOUNTS IN INCHES

MONTH	NONE	TRACE	.01	.02	.06	.11	.26	.51	1.01	2.51	5.01	10.01	OVER	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS		
				TO .05	TO .10	TO .25	TO .50	TO 1.00	TO 2.50	TO 5.00	TO 10.00	TO 20.00	TO 20.00			MEAN	GREATEST LEA	
JAN	55.8	11.1	2.2	6.8	3.1	7.5	5.8	4.8	2.9	.2				33.2	651	2.64	6.32	1.5
FEB	48.7	13.5	3.0	5.1	5.1	7.1	7.8	7.1	2.7					37.8	593	2.74	5.95	1.2
MAR	54.1	12.9	2.8	5.4	3.2	6.9	6.8	5.1	2.6	.3				33.0	651	2.70	6.96	1.0
APR	56.8	10.8	1.9	6.7	4.6	7.6	5.1	4.6	1.9					32.4	630	2.90	5.45	.9
MAY	59.3	9.5	1.4	5.8	3.7	7.5	3.7	5.7	3.2	.2				31.2	651	3.79	11.75	1.3
JUN	56.7	11.5	2.2	5.7	3.2	4.5	7.3	4.8	3.7	.5				31.8	600	4.26	6.12	1.2
JUL	56.3	7.9	2.6	4.2	4.5	6.1	6.8	4.7	6.3	.6				35.8	620	5.98	14.25	1.5
AUG	52.4	9.7	2.3	4.8	4.4	8.5	6.0	6.1	4.8	.8	.2			37.9	620	6.16	10.89	2.3
SEP	62.7	10.5	1.2	4.0	3.8	5.2	4.2	4.0	3.2	1.3				26.8	600	4.52	11.65	.9
OCT	67.4	8.4	2.6	3.7	3.2	5.6	3.1	2.7	2.6	.5				24.2	620	2.34	6.30	.4
NOV	66.0	7.8	1.2	5.8	3.3	5.7	4.3	3.0	2.3	.5				26.2	600	2.85	5.64	.4
DEC	60.6	10.0	2.9	4.7	3.7	4.5	7.6	4.0	1.9					29.4	620	2.73	5.21	.4
ANN	58.1	10.3	2.2	5.2	3.8	6.4	5.7	4.7	3.2	.4	.0			31.6	7456	47.91		

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 49-69

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
49	.42	.77	.77	1.05	1.23	2.03	2.22	1.75	1.85	1.42	2.81	1.05	2.81
50	1.11	.38	1.55	1.32	1.94	2.61	3.27	.80	1.40	.35	.58	1.02	3.27
51	.43	.58	1.22	.60	1.16	.93	1.10	2.35	.47	.86	2.11	.52	2.35
52	.97	1.30	1.01	.80	1.30	.82	.87	1.77	.96	.49	2.54	1.29	2.54
53	.56	.92	.62	.63	.98	1.53	1.22	3.96	2.96	.27	1.52	1.18	3.96
54	1.97	.66	1.31	1.56	.89	.78	1.83	2.32	1.99	.65	.53	1.17	2.32
55	1.09	1.72	1.03	.54	1.95	.95	.52	3.67	4.82	.53	.84	.39	4.82
56	.53	1.00	1.26	1.98	1.00	2.43	4.34	2.04	.69	2.67	.33	.37	4.34
57	1.53	1.67	2.00	.87	.45	.67	1.49	3.14	2.73	2.58	1.57	1.79	3.14
58	1.47	1.17	1.14	1.44	1.04	1.17	.62	4.53	.52	2.44	1.05	1.69	4.53
59	.59	1.71	1.87	1.47	1.19	1.40	1.17	1.10	2.80	2.34	.59	.81	2.80
60	4.78	1.37	1.01	1.10	.97	1.02	2.06	1.90	1.90	1.88	.91	.78	4.78
61	1.75	1.29	.63	1.56	1.36	2.62	1.47	.90	1.63	1.63	1.03	1.03	2.62
62	1.32	.62	1.20	1.62	1.27	1.13	2.42	.68	1.12	.70	1.08	.71	2.42
63	.99	.83	.66	.72	.80	3.64	2.31	1.50	2.74	.62	2.92	.91	3.64
64	1.66	1.48	1.74	.84	.62	1.79	1.23	5.18	3.75	2.26	.63	1.80	5.18
65	.57	1.88	.76	.97	1.79	2.38	3.17	1.29	.75	1.84	.24	.17	3.17
66	1.58	1.48	1.40	.36	3.15	1.56	1.38	1.70	.75	.40	1.02	2.17	3.15
67	.86	1.26	.75	.13	.49	1.61	2.04	2.28	2.66	.31	.77	1.20	2.66
68	1.37	.66	3.17	1.06	1.55	.55	2.22	.88	2.60	4.30	1.07	.44	4.30
69	1.26	1.03	2.52	1.25	1.06								
MEAN	1.237	1.090	1.315	1.045	1.247	1.581	1.948	2.187	1.955	1.427	1.204	1.026	3.440
S.D.	.920	.712	.654	.468	.601	.816	.957	1.287	1.174	1.093	.801	.533	.930
TOTAL OBS	651	593	651	630	651	600	620	620	600	620	600	620	7456

NOTE \* (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION  
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 49-69

YEAR	TOTAL MONTHLY PRECIPITATION IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
49	1.73	3.05	3.10	3.40	3.63	8.12	6.85	8.28	4.39	3.41	3.75	2.26	51.97
50	2.60	1.34	3.13	2.81	7.62	6.55	12.25	2.96	5.30	1.03	1.40	3.13	50.12
51	1.53	1.91	3.03	2.49	3.34	4.45	4.67	8.38	1.18	3.33	5.51	2.30	42.12
52	2.81	5.47	4.76	2.15	4.26	1.95	3.17	5.64	2.08	1.16	5.30	3.52	42.27
53	2.26	5.12	2.26	3.08	2.28	2.76	3.45	9.45	5.27	.44	4.48	5.21	46.06
54	6.15	1.28	4.51	3.62	3.92	1.22	4.37	5.27	2.43	1.25	1.47	3.40	38.89
55	2.85	2.93	3.51	1.76	3.55	3.64	1.57	10.89	11.65	1.62	1.85	.89	46.71
56	2.79	4.97	3.45	5.13	2.97	5.51	10.86	4.88	2.56	7.86	1.16	1.12	53.26
57	4.24	5.60	5.40	1.74	1.83	1.20	3.30	6.48	6.88	5.89	5.63	4.99	53.18
58	3.63	3.06	3.82	3.97	4.12	4.11	1.96	10.19	.96	8.30	2.06	3.61	49.79
59	1.97	3.30	6.02	5.45	1.39	3.82	6.67	2.49	7.28	5.56	2.47	2.99	49.41
60	8.32	4.55	3.74	2.05	2.48	4.37	6.29	5.70	3.94	2.58	1.67	2.00	47.69
61	2.20	5.73	2.99	4.42	5.53	7.17	3.96	3.16	3.47	3.15	2.16	3.12	47.06
62	4.89	3.31	3.90	3.12	3.46	6.29	6.30	2.31	2.87	2.39	4.12	3.54	46.50
63	4.81	3.76	1.98	1.64	2.78	6.37	7.32	6.39	7.77	1.16	5.64	3.27	52.84
64	5.51	5.95	3.23	2.29	1.70	2.55	2.72	8.62	8.60	6.91	1.21	3.74	53.03
65	1.80	3.66	3.46	2.79	5.70	7.04	11.59	4.08	2.24	1.86	.49	.35	45.06
66	6.17	4.91	1.90	1.27	11.75	3.25	3.57	7.76	3.67	1.00	1.21	4.44	50.90
67	3.00	3.69	1.05	.52	1.99	3.27	10.87	7.93	4.59	.86	1.97	4.40	44.14
68	4.54	1.53	5.54	3.52	3.43	1.48	7.83	2.36	3.35	6.96	3.53	2.36	46.43
69	2.61	3.44	6.98	3.70	1.83								
MEAN	3.639	3.742	3.703	2.901	3.789	4.256	5.979	6.161	4.524	3.336	2.854	3.029	47.872
S.D.	1.803	1.464	1.442	1.249	2.370	2.127	3.301	2.714	2.733	2.598	1.722	1.298	4.116
TOTAL OBS	651	593	651	630	651	600	620	620	600	620	600	620	7456

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: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 49-69

MONTH	AMOUNTS IN INCHES														2 DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS		
	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	MEAN			GREATEST LEAF		
JAN	89.1	7.5	.3	1.5	.5	.6	.3	.2							3.4	651	1.9	9.2	TRACE
FEB	91.6	6.6	.2	1.0	.2	.2		.3							1.9	593	1.1	10.2	.0
MAR	94.9	3.7	.3	.2	.5	.3		.2							1.4	651	.9	11.1	.0
APR	99.8	.2														630	TRACE	TRACE	.0
MAY	100.0															651	.0	.0	.0
JUN	100.0															600	.0	.0	.0
JUL	100.0															620	.0	.0	.0
AUG	100.0															620	.0	.0	.0
SEP	100.0															600	.0	.0	.0
OCT	100.0															620	.0	.0	.0
NOV	98.7	1.3														600	TRACE	TRACE	.0
DEC	95.6	3.4	.2	.6						.2					1.0	620	.8	12.8	.0
ANN	97.5	1.9	.1	.3	.1	.1	.0	.1		.0					.6	7456	4.7		

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL  
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 49-69

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
49	.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.6
50	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
51	TRACE	6.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1
52	TRACE	TRACE	1.5	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.5
53	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
54	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
55	2.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7
56	3.5	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.5
57	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0
58	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
59	3.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.0
60	TRACE	TRACE	6.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	6.0
61	2.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
62	5.7	1.0	2.7	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	5.7
63	TRACE	6.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2
64	TRACE	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0
65	3.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
66	4.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.0
67	TRACE	1.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.2
68	3.7	1.8	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7
69	TRACE	TRACE	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
MEAN	1.29	.82	.61	TRACE	.00	.00	.00	.00	.00	.00	TRACE	.75	1.09
S.D.	1.653	1.845	1.433	.000	.000	.000	.000	.000	.000	.000	.000	2.676	2.902
TOTAL OBS	651	593	651	630	651	660	620	620	600	620	600	620	7456

NOTE \* (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL  
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 49-69

YEAR	TOTAL MONTHLY SNOWFALL IN INCHES											ALL MONTHS	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV		DEC
49	.6	.0	.1	.C	.0	.0	.0	.0	.0	.C	.0	TRACE	.7
50	TRACE	TRACE	TRACE	.C	.0	.0	.0	.C	.0	.0	TRACE	TRACE	TRACE
51	TRACE	10.2	TRACE	.C	.0	.0	.0	.0	.0	.0	.0	.0	10.2
52	TRACE	TRACE	1.5	.C	.0	.0	.0	.0	.0	.0	.0	TRACE	1.5
53	TRACE	.0	TRACE	.C	.0	.0	.0	.0	.C	.0	.C	.0	TRACE
54	TRACE	.0	.0	.C	.0	.0	.0	.0	.0	.0	.0	.6	.6
55	3.0	TRACE	.C	.C	.0	.0	.0	.0	.0	.0	.C	1.4	4.4
56	3.9	.3	TRACE	.C	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.9
57	1.0	.0	.0	.C	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0
58	TRACE	TRACE	.0	.C	.0	.0	.0	.0	.0	.0	.C	12.8	12.8
59	3.0	TRACE	TRACE	.C	.0	.C	.0	.0	.0	.0	TRACE	.7	3.0
60	TRACE	TRACE	11.1	.C	.0	.0	.0	.0	.0	.0	.0	TRACE	11.1
61	4.1	TRACE	TRACE	.C	.0	.0	.0	.0	.0	.0	.0	.0	4.1
62	7.0	1.0	2.7	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	10.7
63	TRACE	6.7	.0	.C	.0	.0	.0	.0	.0	.0	.0	.7	6.7
64	TRACE	1.0	TRACE	.C	.0	.0	.0	.0	.0	.0	TRACE	.7	1.0
65	5.0	TRACE	TRACE	.0	.0	.0	.0	.C	.0	.0	.0	.0	5.0
66	9.2	TRACE	.0	.0	.0	.0	.0	.0	.C	.0	TRACE	TRACE	9.2
67	TRACE	1.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.2
68	4.0	3.5	1.1	.C	.0	.0	.0	.0	.0	.0	.C	1.2	9.8
69	TRACE	TRACE	1.5	.C	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEAN	1.94	1.12	.86	TRACE	.00	.00	.00	.00	.00	.00	TRACE	.80	4.85
S.D.	2.709	2.628	2.458	.000	.000	.000	.000	.000	.000	.000	.000	2.854	4.314
TOTAL OBS	651	593	651	630	651	600	620	620	600	620	600	620	7456

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: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 49-69

MONTH	AMOUNTS IN INCHES														3 DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS	
	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	MEAN			GREATEST LEA	
JAN	94.0	2.2	2.0	.8	.6	.5									3.8	651		
FEB	96.0	1.2	1.3	.7	.3	.3	.2								2.9	593		
MAR	98.9	.3	.5	.3											.8	651		
APR	100.0															630		
MAY	100.0															651		
JUN	100.0															600		
JUL	100.0															620		
AUG	100.0															620		
SEP	100.0															600		
OCT	100.0															620		
NOV	100.0															600		
DEC	97.2	1.7	.8		.2	.5	.2	.2							1.8	620		
ANN	98.8	.4	.4	.1	.1	.1	.0	.0							.8	7456		

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH  
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 49-69

YEAR	DAILY SNOW DEPTH IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
49	1	0	0	0	0	0	0	0	0	0	0	0	1
50	0	0	0	0	0	0	0	0	0	0	0	0	0
51	TRACE	6	0	0	0	0	0	0	0	0	0	0	6
52	TRACE	0	2	0	0	0	0	0	0	0	0	0	2
53	0	0	0	0	0	0	0	0	0	0	0	0	0
54	TRACE	0	0	0	0	0	0	0	0	0	0	0	1
55	1	0	0	0	0	0	0	0	0	0	0	0	1
56	1	0	0	0	0	0	0	0	0	0	0	0	1
57	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	TRACE	0	0	0	0	0	0	0	0	0	13	13
59	3	0	0	0	0	0	0	0	0	0	0	0	3
60	0	0	1	0	0	0	0	0	0	0	0	0	1
61	2	0	0	0	0	0	0	0	0	0	0	0	2
62	5	1	1	0	0	0	0	0	0	0	0	0	5
63	0	7	0	0	0	0	0	0	0	0	0	0	7
64	0	1	0	0	0	0	0	0	0	0	0	0	1
65	4	3	0	0	0	0	0	0	0	0	0	0	4
66	3	3	0	0	0	0	0	0	0	0	0	0	3
67	0	1	0	0	0	0	0	0	0	0	0	0	1
68	2	2	1	0	0	0	0	0	0	0	0	0	2
69	0	0	2	0	0	0	0	0	0	0	0	0	0
MEAN	1.0	1.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.8	2.7
S.D.	1.532	2.032	.658	.000	.000	.000	.030	.000	.000	.000	.000	2.495	3.130
TOTAL OBS	651	593	651	630	651	600	620	620	600	620	600	620	7456

NOTE \* (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941

STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 69-70, 73-83, 86-

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 100								.2					.C
GE 95						2.0	7.1	4.3	.7				1.2
GE 90				.5	3.0	15.0	33.4	26.3	7.9	.7			7.5
GE 85			.5	4.1	14.6	47.8	74.9	65.2	35.2	2.7			21.0
GE 80		.8	3.3	14.9	39.5	76.5	94.9	87.7	66.5	13.6	2.8	.3	34.2
GE 75	.2	2.3	9.9	29.2	62.5	94.0	100.0	97.2	88.0	33.5	12.1	1.5	45.0
GE 70	3.0	5.3	20.5	50.8	82.1	99.0		100.0	96.7	59.6	27.9	6.8	54.9
GE 65	9.2	13.7	35.8	69.5	92.6	99.8			99.5	79.9	42.8	14.0	63.6
GE 60	15.9	23.4	52.0	84.6	98.3	100.0			100.0	93.1	60.3	26.8	71.6
GE 55	26.1	36.6	68.2	93.3	99.8					97.3	75.4	42.5	78.6
GE 50	43.3	53.4	82.8	97.9	100.0					98.8	90.8	60.3	85.8
GE 45	60.9	66.9	92.5	100.0						100.0	97.7	79.0	91.6
GE 40	75.4	84.0	96.9								99.5	90.5	95.6
GE 35	87.1	92.4	99.3								99.7	97.0	98.0
GE 30	95.3	98.5	99.5								100.0	99.8	99.4
GE 25	98.0	100.0	100.0										99.8
GE 20	100.0											100.0	100.0
MEAN	47.7	50.9	60.0	69.3	76.6	83.7	87.4	86.1	81.7	71.0	62.4	53.0	69.2
SD	11.323	11.310	10.980	9.276	7.686	5.827	4.672	5.248	5.971	7.958	9.765	10.230	16.179
TOTAL OBS	402	393	425	390	403	400	434	422	418	403	390	400	4880

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941

STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 69-70, 73-83, 86-

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 80						.3	.9	.5					.1
GE 75					.5	6.3	27.4	17.8	3.6				4.8
GE 70				.3	5.2	46.3	70.5	62.3	30.4	2.0			18.7
GE 65			.7	4.9	31.5	75.8	90.3	87.9	63.4	10.9	2.6	.8	31.5
GE 60	1.2	1.0	2.8	19.0	52.9	92.5	98.4	96.0	80.6	25.3	8.5	1.5	40.7
GE 55	3.2	4.1	11.1	16.7	71.2	98.8	100.0	99.5	91.9	47.4	19.5	5.3	49.9
GE 50	6.0	7.9	23.5	56.7	88.3	100.0		100.0	98.6	63.0	31.5	11.3	57.8
GE 45	13.7	16.5	41.4	77.4	97.3				99.5	80.1	49.0	21.5	66.8
GE 40	23.6	26.5	60.7	90.8	100.0					91.6	67.2	36.0	75.1
GE 35	40.5	44.8	78.8	98.5						98.0	81.5	55.0	83.4
GE 33	48.0	52.4	85.6	99.7						99.8	86.7	64.5	86.6
GE 30	61.7	67.9	94.1	100.0						99.8	93.8	76.0	91.3
GE 25	79.9	84.7	98.8							100.0	98.7	51.8	96.2
GE 20	88.8	93.6	100.0								100.0	98.0	98.4
GE 15	96.0	99.0										100.0	99.6
GE 10	99.0	100.0											99.9
GE 5	100.0												100.0
MEAN	32.7	34.2	42.5	51.1	59.4	67.9	71.4	70.3	65.3	52.9	44.6	36.8	52.4
SD	10.627	9.989	9.044	8.365	7.448	5.262	4.627	4.962	6.664	9.223	10.248	9.676	16.053
TOTAL OBS	402	393	425	390	403	400	434	422	418	403	390	400	4880

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941

STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 69-70, 73-83, 86-

TEMP (F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 90							.2	.2					.0
GE 85						3.0	11.3	7.1	.5				1.9
GE 80				.3	2.7	28.3	54.8	45.7	17.9	.7			13.0
GE 75			.2	3.6	21.6	62.8	88.7	80.6	49.3	5.0	.3		26.7
GE 70		.8	2.1	15.4	46.4	88.0	99.1	96.4	78.5	17.9	4.6	.5	38.3
GE 65	1.5	2.5	8.9	33.6	70.2	98.3	100.0	99.8	94.3	39.2	14.9	3.3	47.9
GE 60	4.7	6.6	23.8	54.1	87.6	100.0		100.0	98.6	64.8	29.2	7.3	57.0
GE 55	10.0	12.7	36.2	74.1	97.8				100.0	84.1	47.4	16.8	65.4
GE 50	20.4	23.7	55.1	90.3	100.0					94.3	65.6	30.8	73.7
GE 45	31.8	39.7	74.6	98.5						98.8	82.6	48.8	81.5
GE 40	55.2	60.3	91.5	100.0						99.8	93.3	72.5	89.6
GE 35	71.4	79.1	97.4							100.0	99.0	88.8	94.7
GE 30	84.3	90.3	99.1								100.0	96.3	97.5
GE 25	94.3	98.0	99.5									99.8	99.3
GE 20	98.0	100.0	100.0									100.0	99.8
GE 15	99.8												100.0
GE 10	100.0												100.0
MEAN	40.5	42.8	51.5	60.5	68.3	76.0	79.7	78.4	73.8	62.2	53.7	45.1	61.0
SD	10.470	9.998	9.382	8.244	6.929	5.059	4.130	4.552	5.583	7.726	9.300	9.284	15.794
TOTAL OBS	402	393	425	390	403	400	434	422	418	403	390	400	4880

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE  
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 69-70, 73-87

YEAR	WHOLE DEGREES FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
69						93	96	91	90	83	75	73	
70	76	70	73	86	90	96	92	97	91	84	71	73	97
73	66	65	86	83	89	90	92	95	91	89	82	73	95
74	74	71	85	89	91	93	94	92	90	83	83	71	94
75	74	77	81	85	90	93	93	95	90	86	79	72	95
76	71	80	82	92	86	90	95	90	92	84	75	65	95
77	57	80	81	88	89	92	98	96	90	85	79	70	98
78	65	66	75	84	85	93	94	93	95	83	77	81	95
79	70	69	81	83	83	90	93	95	89	83	83	71	95
80	68	*74	79	87	89	95	95	102	95	84	77	74	102
81	64	70	79	89	92	97	95	95	90	86	77	75	97
82	70	76	81	81	91	89	92	91	89	83	79	77	92
83	65	68	76	84	87								
84													
85													
86		74	82	81	94	*94	99	92	92	94	83	*74	
87	*64	59	*72			*92	99	*95	*91				
MEAN	68.3	71.2	80.1	85.5	88.9	92.6	94.8	94.2	91.1	85.2	78.5	72.9	95.3
S.D.	5.314	6.135	3.707	3.332	3.013	2.539	2.455	3.211	1.977	3.184	3.665	3.895	1.703
TOTAL OBS	402	393	425	390	403	400	434	422	418	403	390	400	4880

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: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 69-70, 73-87

YEAR	WHOLE DEGREES FARENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	-M-O-N-T-H-S-		AUG	SEP	OCT	NOV	DEC	
						JUN	JUL						
69						61	66	55	47	38	27	25	
70	10	17	29	40	44	57	61	62	44	39	22	23	10
73	13	11	27	36	43	61	62	65	54	36	28	20	11
74	27	23	29	33	45	60	60	57	51	31	24	25	23
75	24	25	23	33	47	56	59	60	54	37	30	18	18
76	9	24	29	34	42	54	62	53	48	29	20	17	9
77	6	15	29	35	41	53	57	61	54	33	23	18	6
78	14	17	25	43	42	54	56	62	50	37	30	23	14
79	16	11	30	38	46	52	55	56	61	38	27	21	11
80	23	*13	20	38	40	52	61	60	49	37	28	18	*13
81	8	18	28	38	46	59	66	58	43	33	26	15	8
82	9	25	29	31	46	61	60	52	50	37	35	25	9
83	18	26	33	35	46								
84													
85													
86		23	21	39	44	*62	69	57	55	39	31	*29	
87	*19	26	*29			*62	63	*66	*56				
MEAN	14.8	20.1	27.1	36.4	44.0	56.7	61.2	58.3	50.8	35.7	27.0	20.7	11.9
S.D.	6.943	5.515	3.774	3.330	2.236	3.626	3.945	3.794	4.885	3.172	4.082	3.499	5.131
TOTAL OBS	902	393	425	390	403	400	434	422	418	403	390	400	4880

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941

STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 49-69

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 100						.5	.8						.1
GE 95					.6	5.0	6.9	2.7	.5	.2			1.3
GE 90				1.1	5.4	22.0	36.6	27.9	7.7	.5			8.4
GE 85				7.1	20.1	47.8	72.7	66.6	29.7	4.4			20.5
GE 80	.2	.2	4.3	19.8	41.0	73.5	92.6	87.4	56.7	15.0	2.0		32.5
GE 75	1.1	1.9	10.9	34.9	61.9	90.0	99.2	97.9	81.0	36.3	8.7	1.9	43.6
GE 70	7.4	7.8	20.6	48.3	81.3	96.7	100.0	99.5	94.8	62.3	24.3	7.1	54.0
GE 65	16.4	16.2	30.7	67.0	93.2	99.7		100.0	99.2	81.9	42.7	16.8	63.5
GE 60	30.0	29.0	47.2	84.1	98.3	99.8			99.8	94.0	63.0	28.4	72.7
GE 55	38.9	43.5	62.4	94.0	99.5	100.0			100.0	98.2	78.8	41.1	79.6
GE 50	54.8	60.9	79.7	98.9	100.0					99.7	91.0	60.6	87.1
GE 45	69.6	76.9	92.5	99.7						100.0	98.0	78.2	92.9
GE 40	83.7	89.7	98.0	100.0							99.3	87.6	96.5
GE 35	93.5	96.6	99.5								100.0	96.1	98.8
GE 30	99.1	99.2	100.0									99.0	99.8
GE 25	100.0	99.8										100.0	100.0
GE 20		100.0											100.0
MEAN	51.6	53.1	59.2	69.7	77.0	83.7	87.4	86.7	80.4	71.6	62.3	52.8	69.6
SD	11.674	10.839	10.996	10.041	8.198	7.057	5.270	5.249	6.536	7.651	9.171	10.759	15.668
TOTAL OBS	651	593	651	630	651	600	620	620	600	620	600	620	7456

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941

STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 44-69

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 75						2.7	10.2	9.0	1.0				1.9
GE 70					2.0	25.8	63.7	56.0	19.7	1.6			17.9
GE 65			.2	1.0	18.0	59.3	87.1	83.4	47.0	6.6	.2		25.0
GE 60	.6	.3	2.0	13.0	41.0	81.3	97.9	95.0	70.2	24.5	2.8	.6	35.5
GE 55	1.5	1.3	6.1	26.3	64.7	94.3	100.0	99.4	89.0	44.7	11.0	2.9	44.8
GE 50	5.2	4.9	13.1	45.1	86.5	99.3		99.8	96.2	63.5	23.8	7.1	53.2
GE 45	11.5	13.5	26.6	64.4	96.2	100.0		100.0	99.7	79.0	35.0	13.9	61.5
GE 40	24.3	27.3	47.2	84.3	99.7			100.0		91.5	54.8	24.7	71.0
GE 35	39.3	47.7	68.4	95.7	100.0					97.6	76.7	45.6	61.4
GE 30	47.0	54.3	76.0	98.1						98.1	82.2	48.1	63.6
GE 25	60.4	68.6	88.3	99.8						99.5	92.5	63.9	69.4
GE 20	82.9	88.2	97.8	100.0						100.0	98.5	84.0	95.9
GE 15	93.7	95.6	100.0								99.8	94.5	98.6
GE 10	98.8	99.2										100.0	99.8
GE 5	100.0	100.0											100.0
MEAN	32.9	34.2	39.4	48.4	57.4	65.2	69.9	69.1	63.0	52.4	41.5	33.5	50.6
SD	9.344	8.896	8.645	8.489	6.956	5.968	4.169	4.746	6.718	8.995	9.056	9.671	15.676
TOTAL OBS	651	593	651	630	651	600	620	620	600	620	620	620	7456

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746941

STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 45-69

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 90						.2	.2						.2
GE 85						3.0	6.1	3.4	.2				1.2
GE 80				.3	2.5	22.8	50.3	39.5	11.5	.5			10.6
GE 75				3.2	17.1	52.3	83.4	77.9	74.7	3.9			22.5
GE 70			2.0	15.6	41.3	80.3	98.4	94.5	66.3	16.0	1.7		34.4
GE 65	1.2	1.3	7.5	30.6	64.5	95.8	100.0	99.7	88.0	41.1	8.0	1.8	44.7
GE 60	6.1	6.1	15.8	46.5	86.2	99.3		100.0	96.8	65.2	20.5	5.6	53.8
GE 55	12.9	14.7	27.8	66.0	97.4	100.0			99.8	83.7	39.5	15.1	62.9
GE 50	25.6	27.7	45.6	86.0	99.4				100.0	94.8	60.7	24.8	71.9
GE 45	41.0	45.5	67.7	97.1	100.0					98.9	81.0	41.9	81.0
GE 40	57.8	66.9	87.6	99.7						100.0	93.7	63.1	89.0
GE 35	77.6	85.2	96.3	100.0							98.7	82.9	95.0
GE 30	91.1	94.3	99.5								99.8	93.5	98.2
GE 25	98.0	99.0	100.0								100.0	98.4	99.6
GE 20	100.0											100.0	100.0
GE 15		100.0											100.0
MEAN	42.5	43.9	49.5	59.3	67.4	74.7	78.9	77.8	71.9	62.2	52.2	43.4	60.3
SD	9.956	9.255	9.238	8.673	6.914	5.920	4.130	4.504	6.052	7.487	8.457	9.621	11.336
TOTAL OBS	651	593	651	630	651	600	620	620	600	620	600	620	7456

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE  
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 746241 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 49-69

YEAR	WHOLE DEGREES FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
49	75	78	83	84	90	97	98	96	90	84	77	73	98
50	78	74	81	88	92	95	94	94	96	84	84	72	96
51	73	78	73	86	90	97	96	95	93	91	80	77	97
52	87	70	62	90	89	101	104	92	95	87	79	72	104
53	74	77	75	84	95	96	97	94	92	85	80	72	97
54	73	76	84	86	87	98	98	96	98	95	75	72	98
55	67	76	80	87	90	89	100	97	87	86	83	76	100
56	77	75	83	86	95	96	95	93	93	80	76	76	96
57	78	74	76	91	88	98	101	96	91	78	75	71	101
58	62	73	66	89	86	94	97	94	94	85	80	70	97
59	69	74	80	85	89	99	92	95	91	87	81	71	99
60	72	72	81	92	91	94	92	93	92	83	76	68	94
61	64	73	84	89	84	92	94	94	93	84	80	71	94
62	70	82	78	86	95	97	92	94	92	87	72	63	95
63	73	69	80	91	95	97	93	92	85	81	73	65	97
64	66	66	80	86	93	98	93	92	89	79	79	73	98
65	73	74	76	86	91	91	92	93	93	79	76	72	93
66	74	69	82	83	85	92	96	94	90	87	77	75	96
67	73	72	82	89	93	92	90	89	83	86	73	77	93
68	65	65	84	81	89	95	97	97	85	86	80	67	97
69	67	65	71	81	94								
MEAN	71.3	72.7	79.1	86.7	90.5	95.1	95.6	94.7	91.1	84.7	77.8	71.7	97.0
S.D.	4.766	4.981	4.742	3.104	3.371	3.236	3.546	1.947	3.810	4.118	3.318	3.760	2.695
TOTAL OBS	651	593	651	630	651	600	620	620	600	620	600	620	7456

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

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE  
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 746941 STATION NAME: ELIZABETH CITY NC

PERIOD OF RECORD: 49-69

YEAR	WHOLE DEGREES FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
49	27	26	25	36	47	58	66	66	47	44	26	24	24
50	27	26	20	29	41	54	62	55	46	43	19	17	17
51	27	10	27	36	42	52	60	57	42	41	23	15	15
52	15	27	27	37	46	56	59	51	48	27	26	16	15
53	25	26	28	33	47	48	62	56	52	41	29	16	16
54	16	20	25	33	43	53	58	57	50	37	26	15	15
55	18	15	23	31	43	51	58	59	58	37	27	19	15
56	21	24	25	32	43	55	57	59	47	46	26	27	21
57	14	25	31	31	42	60	58	54	52	31	28	16	14
58	18	10	29	34	50	48	64	65	49	37	27	9	9
59	13	19	27	36	46	51	64	61	46	39	25	29	15
60	20	25	20	32	46	51	61	67	54	32	31	14	14
61	13	20	30	32	42	50	60	59	51	38	27	21	13
62	12	19	23	32	48	56	57	58	48	26	29	10	10
63	16	16	30	35	42	54	58	56	49	35	32	13	13
64	19	26	27	30	45	54	62	58	49	36	27	24	19
65	15	14	27	33	47	52	59	49	53	28	31	23	14
66	13	20	27	31	37	48	58	60	47	32	27	23	13
67	25	14	23	32	43	49	59	62	44	36	23	22	14
68	18	18	24	38	39	54	63	55	53	31	28	21	18
69	19	23	24	37	43								
MEAN	19.3	19.9	25.8	33.3	43.9	52.7	60.3	58.2	49.3	38.9	26.5	18.7	14.9
S.D.	4.639	5.247	3.743	2.536	3.129	3.342	2.613	4.584	3.740	5.650	3.220	5.461	3.646
TOTAL OBS	651	593	651	630	651	600	620	620	600	620	600	620	7456

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

END

DATE

~~FILED~~ FILMED

4 88