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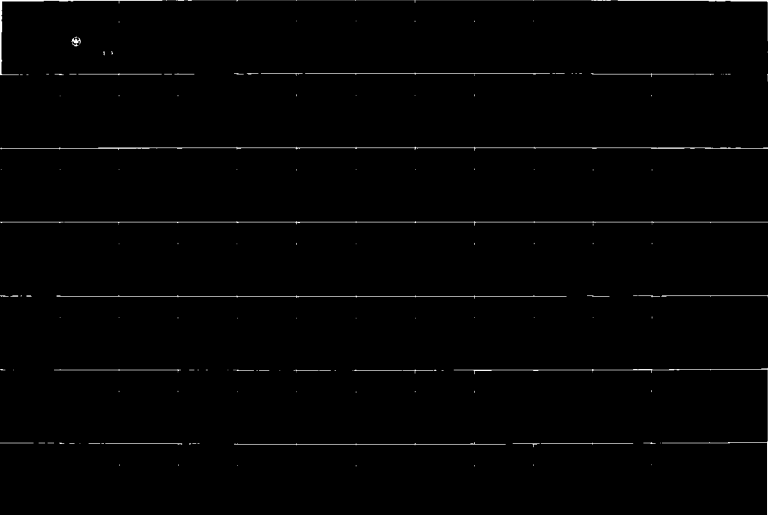
DARE COUNTY GUNNERY RANGE NORTH CAROLINA LIMITED
SURFACE OBSERVATIONS CL. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. JAN 88
USAFETAC/DS-88/884

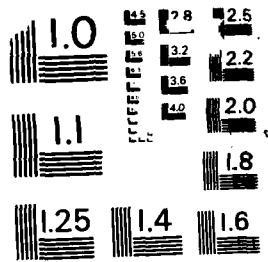
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"LIMITED SURFACE OBSERVATIONS"
CLIMATIC SUMMARY "LISOCs"

DARE COUNTY GUNNERY RANGE NC MSC #746950
N 35 41 W 075 54 ELEV 9 FT ZDP

PARTS A - F HOURS SUMMARIZED: 0600 - 1800 LST

PERIOD OF RECORD:
HOURLY OBSERVATIONS: OCT 77 - SEP 87
SUMMARY OF DAY DATA: NONE

JAN 06 1988

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REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-88/004 DARE COUNTY GUNNERY RANGE NC (LISOCS) Jan 1988 is approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

This document has been reviewed and is approved for publication.

FOR THE COMMANDER



WALTER S. BURGMANN
Scientific and Technical Information Program Manager

REPORT DOCUMENTATION PAGE

1a. Report Security Classification: UNCLASSIFIED

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

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6b. Office Symbol:

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

7a. Name of Monitoring Organization: USAFETAC

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

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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); Dare County Gunnery Range NC; North Carolina; USNC746950.

19. Abstract: A statistical data summary of surface weather observation climatology: Dare County Gunnery Range 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.

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Accession For	
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Justification:	
By _____	
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LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY

STATION NAME: DARE COUNTY GUNNERY RANGE NC

STATION NUMBER: 746950

SUMMARIZED HOURS: 0600 - 1800 LST

PERIOD OF RECORD

HOURLY OBSERVATIONS: OCT 77 - SEP 87

SUMMARY OF DAY DATA (FULL TIME): NONE

SUMMARY OF DAY DATA (TEMPERATURES ONLY): MAY 56 - DEC 70, JAN 73 - SEP 87 (BASED ON LIMITED OPERATIONS)

TIME CONVERSION LST TO GMT: +5

DATE PRODUCED: 30 DEC 87

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-1/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 RUSSWD 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-P3-001, "AN AID FOR USING THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS" (RUSSWD).

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PART C: SURFACE WIND SUMMARIES

PART D: CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

PART E: TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

PART F: PRESSURE SUMMARIES

SUPPLEMENTAL DATA SECTION--SUMMARY OF DAY DATA

AWSMSC NUMBER: THIS NUMBER IS THE AIR WEATHER SERVICE MASTER STATION CATALOG NUMBER. THIS NUMBER IS COMPRISED OF THE WMO NUMBER WITH THE ADDITION OF A SUFFIX (0 THROUGH 9). IN CASES WHERE THERE IS NO DESIGNATED WMO NUMBER, A 5-DIGIT NUMBER IS CREATED IN AGREEMENT WITH WMO 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.

STATION NO ON SUMMARY 746950	STATION NAME STUMPY POINT N C/DARE CO RANGE	LATITUDE: N 35 41	LONGITUDE: W 075 54	STATION ELEV (FT): 9 Ft	CALL SIGN ZDP	WMO NUMBER
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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			STATION (FT)	TYPE BAROMETER	
1	Dare County Range, North Carolina	AF	May 66	Feb 68	N 35 41	W 075 54	9	N/A	2 to 11
2	No Change	AF	Mar 68	Dec 70	No Change	No Change	9	N/A	2 to 11
3	No Change	AF	Jan 71	Sep 87	No Change	No Change	9	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	
1	May 66 to Feb 68	Located on ROS.	AN/UMQ-1 ML-203B	None	13 Ft	
2	Mar 68 to Dec 70	Located on right side of AF center building.	ML-204B No Chge	None	15 Ft	

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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).

HAIL: ALL REPORTED HAIL.

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 1969) AND SYNOPTIC REPORTING STATIONS RECORDED ON THE AWS FORMS 17/10A 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 17/10A, BUT ONLY THE RAIN WAS TRANSMITTED LONGLINE. THEREFORE ONLY THE RAIN APPEARS IN OUR DATA BASE FOR HOURLY SUMMARIZATION. THIS PRACTICE AFFECTS 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: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 78-87
 MONTH: JAN

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		16.3		1.7		17.5	18.7	10.0			45.0	411
09-11		13.6		2.1		15.9	21.4	21.6			40.3	630
12-14		13.2		1.6		14.5	18.3	17.1	.2		34.1	607
15-17		7.0	.5	1.4		8.1	12.6	19.1			30.2	444
18-20		4.1		1.4		5.4	8.1	18.9			25.7	74
21-23												
TOTALS		10.9	.1	1.6		12.3	19.8	17.3	.0		35.1	2166

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 78-87
 MONTH: FEB

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		11.6		2.0		13.6	42.5	17.3	.6		53.2	346
09-11	.2	10.9	.2	.9		12.0	23.1	27.8			48.2	558
12-14	.5	12.0		.9		12.5	15.4	27.7			41.1	560
15-17	.2	7.4		1.4	.2	8.6	11.8	23.7			33.8	417
18-20	1.1	9.6				9.6	8.5	21.3			29.8	94
21-23												
TOTALS	.4	10.3	.0	1.0	.0	11.3	20.3	23.6	.1		41.2	1975

GLOBAL CLIMATOLOGY BRANCH
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 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 78-87
 MONTH: MAR

HOURS (LST)	TSTMS	RAIN %/OR CRIZZLE	FRZING RAIN %/OR ORIZZLE	SNOW %/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE %/OR HAZE	BLOWING SNOW	DUST %/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08	.9	14.9		.2		14.9	39.3	23.4			53.8	435
09-11	1.1	11.4		.3		11.4	16.1	26.6		.2	40.2	639
12-14	.3	10.0		.3		10.0	11.9	23.7		.5	34.8	638
15-17	.4	11.7		.8		12.4	12.8	27.3		.6	38.8	477
18-20		7.1		1.2		8.2	14.1	24.7			37.6	85
21-23												
TOTALS	.5	11.0		.6		11.4	18.8	25.1		.3	41.0	2274

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 78-87
 MONTH: APR

HOURS (LST)	TSTMS	RAIN %/OR CRIZZLE	FRZING RAIN %/OR ORIZZLE	SNOW %/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE %/OR HAZE	BLOWING SNOW	DUST %/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08	.2	9.9				9.9	30.0	33.2			54.3	497
09-11	.8	8.2				8.2	10.0	27.2			36.3	658
12-14	.6	6.5				6.5	7.0	27.0		.5	33.7	644
15-17	.2	9.3				9.3	7.4	28.6		.4	35.4	472
18-20		10.6				10.6	9.4	28.2			35.3	85
21-23												
TOTALS	.4	8.9				8.9	12.8	28.8		.2	39.0	2356

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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/CBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08	1.0	8.7				8.7	35.5	38.9			44.8	586
09-11	1.2	8.0				8.0	8.5	31.4			29.4	656
12-14	1.8	7.6				7.6	5.8	28.3			33.7	608
15-17	4.0	6.3				6.3	5.0	27.9			31.7	398
18-20	4.5	6.1				6.1	9.1	30.3			36.4	66
21-23												
TOTALS	2.5	7.3				7.3	12.8	31.4			41.2	2308

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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/CBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08	2.1	7.1				7.1	28.7	45.1			40.9	565
09-11	1.0	5.2				5.2	4.6	44.0			47.1	630
12-14	2.9	7.6				7.6	3.5	45.8			49.0	596
15-17	6.9	8.8				8.8	4.8	43.3			47.7	434
18-20	11.9	7.1				7.1	9.5	39.3			47.6	84
21-23												
TOTALS	5.0	7.2				7.2	10.2	43.5			50.5	2309

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 78-87
 MONTH: JUL

HOURS (LST)	TSTMS	RAIN L/OR CRIZZLE	FRZING RAIN L/OR DRIZZLE	SNOW L/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE L/OR HAZE	BLOWING SNOW	DUST L/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08	1.9	3.3				3.3	32.2	55.0			69.5	538
09-11	2.6	4.5				4.5	4.3	50.6			53.9	621
12-14	2.6	5.7				5.7	3.4	51.0		.2	54.0	580
15-17	8.2	8.8				8.8	4.8	53.5			57.2	353
18-20	13.7	9.8				9.8	3.9	45.1			49.0	51
21-23												
TOTALS	5.6	6.4				6.4	9.7	51.0		.0	56.7	2143

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 78-87
 MONTH: AUG

HOURS (LST)	TSTMS	RAIN L/OR CRIZZLE	FRZING RAIN L/OR DRIZZLE	SNOW L/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE L/OR HAZE	BLOWING SNOW	DUST L/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08	1.8	3.9				3.9	47.4	43.8			71.2	511
09-11	2.4	5.2				5.2	6.1	49.0			53.3	621
12-14	6.5	8.3				8.3	3.8	49.3			52.2	611
15-17	9.4	8.6				8.6	2.6	52.3			54.7	384
18-20	8.2	9.8				9.8	3.3	60.7			62.3	61
21-23												
TOTALS	5.7	7.2				7.2	12.6	51.0			58.7	2188

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 78-87
 MONTH: SEP

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08	.4	4.4				4.4	49.5	35.5			48.9	501
09-11		6.2				6.2	6.0	42.8			46.5	565
12-14	.6	4.7				4.7	2.3	40.5			42.5	511
15-17	2.2	5.1				5.1	2.2	42.9			44.7	275
18-20	3.3						6.7	46.7			46.7	30
21-23												
TOTALS	1.3	4.1				4.1	13.3	41.7			49.9	1882

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 77-86
 MONTH: OCT

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08	.6	7.4				7.4	54.8	28.8			71.6	500
09-11		5.5				5.5	10.8	37.8			44.9	621
12-14	.3	7.0				7.0	7.5	29.9			36.2	586
15-17	.2	6.0				6.0	6.9	29.7			36.4	434
18-20		5.9				5.9	13.2	36.8			48.5	68
21-23												
TOTALS	.2	6.4				6.4	18.6	32.6			47.5	2209

GLOBAL CLIMATOLOGY BRANCH
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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 74695G STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 77-86
 MONTH: NOV

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
03-02												
03-05												
06-08		7.9				7.9	52.5	24.4			64.0	406
09-11	.2	7.1				7.1	15.6	38.7			49.1	591
12-14		8.9				8.9	11.3	25.6			34.0	582
15-17		9.6				9.6	10.8	24.3			32.0	415
18-20		7.5				7.5	8.8	15.0			22.5	80
21-23												
TOTALS	.0	8.2				8.2	19.8	25.6			40.3	2074

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 77-86
 MONTH: DEC

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		12.7				12.7	39.2	16.3			49.6	393
09-11		9.3				9.3	18.3	24.4			39.0	611
12-14	.3	11.5				11.5	13.1	19.8			32.1	601
15-17		8.3				8.3	12.0	19.3			28.8	424
18-20		1.4				1.4	10.1	17.4			21.7	69
21-23												
TOTALS	.1	8.6				8.6	18.5	19.4			34.2	2098

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE AC

PERIOD OF RECORD: 77-87
 MONTH: ALL

HOURS (LST)	TSMs	RAIN %/OR GRIZZLE	FRZING RAIN %/OR DRIZZLE	SNOW %/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE %/OR HAZE	BLOWING SNOW	DUST %/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
JAN ALL		10.9	.1	1.6		12.3	19.8	17.3	.0		35.1	2166
FEB	.4	10.3	.0	1.0	.0	11.3	20.3	23.6	.1		41.2	1975
MAR	.5	11.0		.6		11.4	18.8	25.1		.3	41.0	2274
APR	.4	8.9				8.9	12.8	28.8		.2	39.0	2356
MAY	2.5	7.3				7.3	12.8	31.4			41.2	2308
JUN	5.0	7.2				7.2	10.2	43.5			50.5	2309
JUL	5.6	6.4				6.4	9.7	51.0		.0	56.7	2143
AUG	5.7	7.2				7.2	12.6	51.0			58.7	2188
SEP	1.3	4.1				4.1	13.3	41.7			49.9	1882
OCT	.2	6.4				6.4	18.6	32.6			47.5	2209
NOV	.0	8.2				8.2	19.8	25.6			40.3	2074
DEC	.1	8.6				8.6	18.5	19.4			34.2	2098
TOTALS	1.8	8.0	.0	.3	.0	8.3	15.6	32.6	.0	.0	44.6	25982

PPPPPP	AAAAA	RRRRRR	TTTTTT	BBB
PPPPPP	AAAAA	RRRRRR	TTTTTT	BBB
PP PP	AA AA	RR RR	TT	BB
PP PP	AA AA	RR RR	TT	BB
PPPPPP	AAAAA	RRRRRR	TTTTTT	BBB
PPPPPP	AAAAA	RRRRRR	TTTTTT	BBB
PP	AA AA	RR RR	TT	BB
PP	AA AA	RR RR	TT	BB
PP	AA AA	RR RR	TT	BB
PP	AA AA	RR RR	TT	BB

SEE SUPPLEMENTAL SECTION I SUMMARY OF DAY DATA FOR THESE SUMMARIES.

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

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

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

TTTTTTTT
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CCCCC
LCCCCC
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CCCCC
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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/HAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
 MONTH: JAN HOURS(IST): 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	1.7	3.6	5.1	2.4								12.9	7.5
NNE	1.5	2.9	3.6	1.5	.2	.5						10.2	8.4
NE		.2	.5	.5								1.2	9.4
ENE	.2		.2	.2								.7	8.0
E	.2	.5	.2	1.0								1.9	8.9
ESE		.2	.2	.2								.7	9.7
SE	.2											.2	2.0
SSE		.2	.5									.7	7.7
S	.5	1.0	1.2									2.7	6.7
SSW	1.7	1.5	.5	1.2								4.9	6.3
SW	1.5	2.2	.7									4.4	4.6
WSW	1.2	1.9	.5									3.6	4.9
W	2.2	1.9	1.5		.2							5.8	5.8
WNW	1.0	2.7	1.2	1.0	.2	.5						6.6	8.4
NW	1.5	2.9	1.2	.2		.2						6.1	6.1
NNW	2.9	3.4	1.7	.2	.2							8.5	5.7
VARIABLE													
CALM	////////////////////											28.7	////
TOTALS	16.2	25.3	19.0	8.5	1.0	1.2						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 411

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	2.1	3.7	6.0	3.7	.5	.8	.2					16.8	9.2
NNE	1.3	3.7	5.1	1.7	.2							11.9	7.8
NE	.3	1.3	2.5	.6								4.8	8.0
ENE	.2	.5	.8	.3								1.7	8.5
E	.6	1.7	.5									2.9	4.8
ESE	.2	.3	.3									.8	5.8
SE		.3	.2									.5	6.7
SSE			.2									.2	8.0
S	.3	1.4	1.7	1.1								4.6	7.8
SSW	.5	1.6	1.9	1.6								5.6	8.1
SW	.9	1.4	1.6	1.0		.2						4.9	7.6
WSW	.3	.6	2.1	.2	.2	.2						3.5	8.8
W	1.1	2.2	2.4	1.6	.3							7.6	8.3
WNW	1.3	2.7	3.0	.8								7.8	6.8
NW	.5	1.9	3.2	1.0	.3	.2						7.7	8.7
NNW	1.0	1.9	3.3	2.4	.6	.2						9.4	9.4
VARIABLE													
CALM	////////////////////											10.2	////
TOTALS	10.1	25.2	34.8	15.9	2.1	1.4	.2					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	1.0	3.6	5.6	3.5	1.3	.3	.2					15.5	9.7
NNE	.5	1.6	4.9	3.8	.5							11.4	9.8
NE	.3	2.1	2.0	1.0								5.4	7.6
ENE	.2	.2	1.8	.7								2.8	8.8
E	.5	1.0	.5									2.0	5.3
ESE	.3	.7		.2								1.2	5.1
SE	.3	.2	.2	.3								1.0	7.3
SSE	.3	.5										.8	4.0
S	.7	1.3	2.3	1.5								5.8	8.3
SSW	.2	1.6	2.3	1.6								5.8	8.9
SW	.5	1.6	2.0	1.8	.3	.3						6.6	10.0
WSW		.5	3.1	2.5								6.1	10.3
W	1.3	2.0	3.6	1.5								8.4	7.6
WNW	1.2	2.6	2.3	1.0	.2	.2						7.4	7.4
NW	.3	1.2	3.3	1.5	.2	.2						6.6	9.3
NNW	.8	2.5	3.3	2.0	.3	.2						9.1	8.9
VARIABLE													
CALM	////////////////////											4.3	////
TOTALS	8.4	23.2	37.2	22.7	2.8	1.2	.2					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 607

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	2.0	2.9	4.1	2.3	.2	.2						11.7	8.4
NNE	.9	2.3	3.8	3.6	.2							10.8	9.2
NE	.9	1.8	2.5	.2								5.4	6.7
ENE	.9	2.3	1.1	.2								4.5	5.8
E	1.6	.7	1.1									3.4	4.9
ESE	.2	.2	.5									.9	5.8
SE		.7		.5								1.1	7.8
SSE	.2		.2									.5	5.0
S	1.4	2.3	2.3	.2								6.1	6.0
SSW	.2	1.6	2.5	2.9	.2							7.4	9.5
SW	.9	1.8	3.2	1.1		.2						7.2	8.4
WSW	.2	.9	1.6	1.6	.2							4.5	9.8
W	.7	1.8	1.4	2.0								5.9	8.2
WNW	1.6	1.8	2.3	.2	.2							6.1	6.4
NW	1.1	1.6	4.1	1.1	.5							8.3	8.2
NNW	1.4	2.9	3.2	2.3								9.7	7.5
VARIABLE													
CALM	////////////////////											6.5	////
TOTALS	14.2	25.5	33.6	18.2	1.6	.5						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 444

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-87
 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	1.4	2.7										4.1	4.7
NNE	5.4	1.4	2.7									9.5	4.7
NE	4.1											4.1	2.7
ENE													
E	1.4	1.4										2.7	3.5
ESE													
SE													
SSE													
S	1.4											1.4	2.0
SSW	2.7	4.1										6.8	3.8
SW	1.4	2.7	1.4	4.1								9.5	7.7
WSW	1.4		1.4									2.7	4.0
W	2.7	4.1	1.4									8.1	4.8
WNW		2.7	1.4	1.4								5.4	9.0
NW	2.7	2.7										5.4	3.5
NNW		2.7	4.1	1.4	1.4							9.5	9.4
VARIABLE													
CALM	////////////////////											31.1	////
TOTALS	24.3	24.3	12.2	6.8	1.4							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 74

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	1.7	3.5	5.1	3.0	.6	.4	.1					14.2	8.9
NNE	1.2	2.6	4.4	2.6	.3	.1						11.1	8.7
NE	.5	1.4	1.9	.6								4.4	7.5
ENE	.3	.6	1.0	.4								2.4	7.5
E	.7	1.1	.6	.2								2.5	5.5
ESE	.2	.4	.2	.1								.9	6.2
SE	.1	.3	.1	.2								.7	7.0
SSE	.1	.2	.2									.5	5.5
S	.7	1.4	1.8	.8								4.8	7.3
SSW	.6	1.7	1.8	1.8	.0							5.9	8.2
SW	.9	1.8	1.8	1.2	.1	.2						5.9	8.1
WSW	.4	.9	1.9	1.1	.1	.0						4.4	8.9
W	1.3	2.1	2.3	1.3	.1							7.2	7.5
WNW	1.2	2.5	2.3	.8	.1	.1						7.0	7.3
NW	.8	1.8	2.9	1.0	.2	.1						6.9	8.2
NNW	1.3	2.6	3.0	1.8	.4	.1						9.2	9.2
VARIABLE													
CALM	////////////////////////////////////											12.0	////
TOTALS	12.2	24.7	31.4	16.6	1.9	1.1	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 2166

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	4.0	2.3	4.3	1.4	1.2							13.3	7.3
NNE	3.2	3.2	2.0	1.2	.6							10.1	6.5
NE	.9	1.4	.3	.3	.3							3.2	7.0
ENE	.3	.6	.6	.9								2.3	8.5
E	.6	.9	1.4									2.9	6.8
ESE	.3			.6								.9	9.3
SE			.3									.3	10.0
SSE			.3	.9								1.2	12.8
S		.9	.3	.9	.6							2.6	11.2
SSW	.6	1.2	1.4	.6								3.8	7.2
SW	.6	1.4	.3	1.2								3.5	7.0
WSW	.3	1.4		.6								2.3	7.1
W	.9	1.7	2.0									4.6	6.5
WNW	.9	2.6	1.7	.6	.3							6.1	7.0
NW	2.6	1.2	.3	.3	.3							4.6	5.1
NNW	2.6	2.9	3.8	1.2	.3							10.7	6.8
VARIABLE													
CALM	////////////////////											27.7	////
TOTALS	17.6	21.7	19.1	10.4	3.5							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 346

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	1-47	48-55			GE 56
N	.7	3.9	5.7	5.9	.5	.4						17.2	9.9
NNE	.2	2.9	6.3	1.6	.2	.2						11.3	8.9
NE	.4	1.4	2.5	1.4								5.7	8.5
ENE	.5	1.6	2.2	.5	.4							5.2	8.2
E	.5	2.0	1.4	.5								4.5	6.6
ESE		.5		.9								1.4	9.5
SE			.2	.2	.2							.5	13.7
SSE		.4	.4	.4	.2							1.3	10.6
S	.4	1.1	1.6	1.1	.2	.2						4.5	9.8
SSW	.7	1.1	1.6	.7	.2	.2						4.5	8.3
SW	.4	.2	2.0	1.3	.2							3.9	9.9
WSW	.4	1.1	1.8	.9		.2						4.3	9.0
W	.5	1.6	1.4	.7								4.3	7.3
WNW	.4	2.3	3.0	.5								6.3	7.7
NW	.2	2.3	2.2	2.2	.2							7.0	9.1
NNW	.5	1.6	4.8	4.3	.4							11.6	9.7
VARIABLE													
CALM	////////////////////											6.5	////
TOTALS	5.7	24.0	37.1	23.1	2.5	1.1						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 558

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: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	17-24	22-27	28-33	34-40	41-47	48-55			GE 56
N	.5	3.7	7.5	3.2	.7	.2						15.9	9.1
NNE		2.7	4.8	2.5	.2							10.2	9.1
NE	.7	1.8	2.9	1.8								7.1	8.0
ENE	.2	1.4	1.1	1.2								3.9	8.6
E	.2	1.2	2.5	.5								4.5	7.5
ESE		.9	.7	.2								1.8	7.1
SE	.2	.7	.5	.5								2.0	7.9
SSE				1.1		.2						1.2	14.6
S	.4	1.6	2.1	1.6	.5							6.2	9.3
SSW	.4	.9	1.1	2.0	.2		.2					4.6	10.8
SW		.5	1.4	1.6	.7	.4		.2				4.8	13.5
WSW	.4	.7	1.1	.9	.4		.2	.2				3.7	12.0
W	1.1	1.6	2.3	2.0								7.0	8.1
WNW	2.1	2.0	2.5	2.3								8.9	7.9
NW	.5	1.1	3.0	2.9	.4							7.9	9.8
NNW	.2	1.4	3.9	3.7		.2						9.5	10.1
VARIABLE													
CALM	////////////////////											.7	////
TOTALS	6.8	22.3	37.5	28.0	3.0	.9	.4	.4				100.0	9.3

TOTAL NUMBER OF OBSERVATIONS: 560

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	.5	3.4	5.5	3.4	.5	.2						13.4	9.0
NNE	.2	1.7	4.1	1.2								6.5	8.6
NE	1.2	2.2	3.4	.5	.2							7.4	7.1
ENE	.2	2.4	2.9	1.2								6.7	7.5
E	.2	2.6	1.0									3.8	6.1
ESE	.2	1.4	1.0									2.6	5.8
SE		1.0	.5									1.4	5.2
SSE	.7	.5	1.0	1.0								3.1	8.2
S	1.2	1.9	4.8	1.0								8.9	7.6
SSW	.2	1.0	2.4	1.2	.5	.5						5.8	11.0
SW		1.2	1.9	.7	.5		.2	.5				5.0	12.6
WSW		.5	1.2	.7								2.4	9.2
W	1.0	1.4	2.2	1.2								5.8	7.9
WNW	.2	1.9	1.9	3.4								7.4	9.6
NW	.5	1.9	3.6	2.4	.2							8.6	9.4
NNW	1.2	2.6	1.9	1.7	.2							7.7	7.8
VARIABLE													
CALM	////////////////////											3.4	////
TOTALS	7.7	26.9	39.1	19.4	2.2	.7	.2	.5				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS: 417

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-87
 MONTH: FEB 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		2.1	3.2	2.1								7.4	8.6
NNE	1.1	4.3	1.1	1.1								7.4	6.0
NE	3.2	4.3	1.1									8.5	4.5
ENE		5.3	1.1									6.4	5.2
E	1.1	1.1										2.1	4.0
ESE				1.1								1.1	12.0
SE													
SSE	1.1	1.1		1.1								3.2	7.0
S	1.1	3.2	1.1									5.3	5.0
SSW	2.1	2.1	1.1	1.1	1.1							7.4	8.1
SW	3.2	1.1	1.1									5.3	4.0
WSW	1.1		1.1	1.1								3.2	8.7
W	1.1	1.1										2.1	3.5
WNW	1.1	1.1		1.1								3.2	6.7
NW	2.1	2.1	2.1									6.4	6.3
NNW		2.1	5.3	1.1								8.5	7.8
VARIABLE													
CALM	////////////////////											22.3	////
TOTALS	18.1	30.9	18.1	9.6	1.1							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 94

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 7A-87
 MONTH: FEB HOURS(LST): ALL

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	1.2	3.4	5.8	3.6	.7	.2						14.9	9.0
NNE	.7	2.5	4.4	1.7	.2	.1						9.6	8.4
NE	.9	1.8	2.3	1.1	.1							6.2	7.6
ENE	.7	1.7	1.7	.9	.1							4.7	7.9
E	.4	1.7	1.6	.3								3.9	6.7
ESE	.1	.7	.4	.5								1.7	7.6
SE	.1	.4	.4	.2	.1							1.1	8.0
SSE	.2	.3	.4	.8	.1	.1						1.7	10.4
S	.5	1.5	2.2	1.1	.3	.1						5.6	8.8
SSW	.6	1.1	1.6	1.2	.3	.2	.1					4.8	9.5
SW	.4	.8	1.5	1.2	.8	.1	.1	.2				4.4	10.9
WSW	.2	.9	1.1	.8	.1	.1	.1	.1				3.3	9.7
W	.9	1.6	1.9	1.0								5.3	7.6
WNW	1.0	2.1	2.3	1.7	.1							7.1	8.1
NW	.9	1.7	2.4	2.0	.3							7.1	9.8
NNW	.9	2.0	3.8	2.9	.2	.1						9.9	8.9
VARIABLE													
CALM	////////////////////											8.7	////
TOTALS	9.1	24.1	33.6	20.9	2.7	.7	.2	.2				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 1975

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
 MONTH: MAR 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		
N	.9	2.5	3.0	1.6	.2			8.3	7.8
NNE	1.4	2.1	4.4	3.2	.2	.2		11.5	8.9
NE	1.1	1.6	2.3	.2				5.3	6.1
ENE	.2	.2	1.4	.7	.2			2.8	9.7
E	.5	.2	.9					1.6	6.6
ESE	.2	.9	1.1	.2				2.5	7.3
SE		.5	.2					.7	6.0
SSE	.2			.2				.5	7.0
S	1.1	.7	2.3	1.8	.2			6.2	8.9
SSW	2.1	1.8	.7	2.3	1.1			8.0	9.3
SW	1.1	1.4	2.1		.2			4.8	7.0
WSW	.7	2.5	1.6	.5		.2		5.5	7.2
W	.9	1.6	1.1	.2	.2	.2		4.4	7.7
WNW	1.4	.7	1.4	.9				4.4	7.5
Nw	.7	1.6	2.5	.2				5.1	6.8
NNw	1.4	1.4	1.1	1.1		.5		5.5	8.1
VARIABLE									
CALM	////////////////////							23.0	////
TOTALS	14.0	19.0	26.2	13.3	2.5	1.1		100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 435

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
 MONTH: MAR HOURS(1ST): 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	.6	.9	6.1	3.8	.5							11.9	10.0
NNE	.5	1.3	5.2	4.4	.3	.2						11.8	9.9
NE	.5	1.4	3.0	2.0	.5							7.4	9.2
ENE	.2	.8	2.7	1.3	.3							5.3	9.6
E	.5	1.6	2.2	.9								5.2	7.7
ESE	.4	.9	1.4	.5								3.6	7.1
SE		.3	.5	.2								.9	8.5
SSE		.2	.6	.5								1.3	10.5
S	.3	1.7	2.7	1.7	.6							7.1	9.6
SSW	.6	.8	1.6	2.5	.9		.3					6.9	11.5
SW	.5	.4	2.5	3.1	.3	.3						7.5	11.1
WSW		1.1	2.4	1.6	.2							5.2	9.8
W	.2	2.0	1.9	.8		.2						5.0	8.3
WNW	.2	1.4	.8	.8		.3						3.6	9.4
NW	.2	1.3	1.6	1.1	.2							4.4	8.9
NNW	.5	1.4	3.0	2.8	.8							8.5	10.6
VARIABLE	////////////////////////////////////											4.5	////
TOTALS	6.0	17.9	37.9	27.9	4.5	.9	.3					100.0	9.3

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: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	1.4	4.9	3.6		.2						10.2	9.9
NNE	.3	1.4	6.9	4.2	1.1	.3						14.3	10.5
NE	.3	.8	3.0	.9			.2					5.2	9.5
NNE	.3	.8	3.6	1.6	.2							6.4	9.3
E	.5	1.1	2.2	1.1								4.9	8.2
ESE		.9	1.7	.6								3.3	8.6
SE		.3		.5								.8	10.0
SSE	.5	.2	.8	.6	.2							2.2	8.9
S	.3	1.4	4.9	3.3	.2							10.0	9.9
SSW	.3	.5	2.2	4.2	1.1		.5					8.8	13.3
SW	.2	1.1	2.0	3.0	.9		.5	.2				7.8	13.0
WSW	.3	.3	1.3	1.4	.5	.5						4.2	12.4
W	.2	.9	1.9	2.0		.2						5.2	10.2
WNN	.3	1.1	2.5	.9	.2		.2					5.2	9.2
NW		1.3	1.4	1.3								3.9	9.1
NNW	.6	.6	1.1	3.0	.2							5.5	10.7
VARIABLE													
CALM	////////////////////											2.2	////
TOTALS	4.2	14.1	40.3	32.3	4.4	1.1	1.3	.2				100.0	10.2

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 OBSRVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE 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		1.7	2.7	3.6								7.5	10.5
NNE	.2	2.1	6.9	2.7	.6	.2						12.8	10.0
NE	.2	1.9	3.4	1.9	.6	.2						8.2	10.0
ENE	.4	2.3	2.9	1.7								7.3	8.3
E	.6	1.9	3.1	.8								6.5	7.7
ESE		2.1	1.5	.4								4.0	7.1
SE	.2	.2	1.0									1.5	7.7
SESE	.4	.4	.8	.4								2.1	7.3
S	.6	2.5	6.1	2.7	.6							12.6	9.2
SSW		.2	2.9	4.0	2.1	.2						9.4	13.3
SW		.2	1.3	3.1	.8	.2						5.7	13.7
WSW		.2	1.0	1.7	.2							3.1	11.8
W	.7	.8	1.5	1.7								4.2	9.2
WNW	.4	1.5	1.0	1.3		.4						4.6	9.4
NW		.7	2.1	1.9	.4		.2					4.8	12.1
NNW	.6	.2	1.0	1.5	.2		.2					3.8	10.6
VARIABLE													
CALM	////////////////////											1.9	////
TOTALS	4.0	18.0	39.4	29.4	5.7	1.3	.4					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS: 477

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: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-87
 MONTH: MAR HOURS(LST): 1900-2000

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	1.2	2.4	7.1									10.6	6.4
NNE		3.5	2.4	1.2	1.2							8.2	9.6
NE	1.2	2.4	1.2	1.2								5.9	6.8
ENE	2.4	3.5										5.9	3.8
E	2.4	4.7										7.1	4.0
ESE	4.7	1.2	1.2									7.1	4.2
SE													
SSE				1.2								1.2	12.0
S		8.2	3.5	1.2								12.9	7.2
SSW			2.4	2.4	1.2	1.2						7.1	15.2
SW			2.4	1.2								3.5	10.3
WSW			2.4	1.2								3.5	10.7
W	1.2	1.2										2.4	3.5
WNW	1.2	1.2		1.2								3.5	6.7
NW		1.2	1.2									2.4	7.0
NNW		1.2	1.2			1.2						3.5	14.0
VARIABLE													
CALM	////////////////////											15.3	////
TOTALS	14.1	30.6	24.7	10.6	2.4	1.2	1.2					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 85

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-87
 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	.4	1.5	4.5	3.1	.2	.0						9.8	9.6
NNE	.5	1.7	5.8	3.7	.7	.2						12.5	9.9
NE	.5	1.4	2.9	1.3	.3	0	.0					6.5	8.9
NNE	.4	1.1	2.6	1.3	.2							5.6	8.9
E	.6	1.4	2.1	.7								4.8	7.6
ESE	.4	1.2	1.5	.4								3.5	7.3
SE	.0	.3	.4	.2								.9	8.2
SSE	.3	.2	.6	.5	.0							1.5	8.8
S	.5	1.8	4.0	2.4	.4							9.1	9.3
SSW	.7	.7	1.9	3.3	1.3	.1	.2					8.2	12.2
SW	.4	.8	2.0	2.4	.6	.1	.1	.0				6.6	11.6
WSW	.2	.9	1.6	1.3	.2	.2						4.5	10.2
W	.4	1.4	1.6	1.2	.0	.1						4.7	8.9
WNW	.6	1.2	1.4	1.0	.0	.2	.0					4.4	8.9
NW	.2	1.1	1.8	1.1	.1		.0					4.4	9.2
NNE	.7	.9	1.6	2.2	.3	.1	.1					5.9	10.3
VARIABLE													
CALM	////////////////////											7.3	////
TOTALS	6.9	17.7	36.2	26.0	4.3	1.1	.6	.0				100.0	9.0

TOTAL NUMBER OF OBSERVATIONS: 2273

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: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
 MONTH: APR 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	1.2	3.2	4.0	2.0								10.5	7.3
NNE	.6	1.4	1.6	1.8	.8							6.2	9.6
NE	.8	1.2	2.0	.8								4.8	7.6
ENE	.4	.8	.6	.2								2.0	6.3
E	.8	1.4	.8									3.4	5.2
ESE	.6	.2	1.2									2.0	6.3
SE	.2	.8	.6									1.6	6.3
SSE		.8	.4									1.2	5.8
S	.4	.6	1.6	.4								3.0	7.1
SSW	1.2	2.4	3.0	1.0								7.6	7.1
SW	.2	2.2	1.8	1.2								5.4	7.8
WSW	2.0	1.4	1.6	.8								5.8	5.8
W	2.0	4.0	2.6	.2								8.9	5.6
WNW	1.0	1.2	1.8	.6								4.6	6.6
NW	.8	1.4	.8	1.4								4.4	7.9
NNW	.2	1.6	2.0	1.0								4.8	7.9
VARIABLE													
CALM	////////////////////											23.5	////
TOTALS	12.5	25.2	26.6	11.5	.8							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 497

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE 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	34-40	41-47	48-55			GE 56
N	.8	1.5	6.5	2.9	.5							12.2	9.5
NNE	.2	1.4	3.5	1.7	.5							7.1	9.8
NE	.5	.9	2.3	1.4								4.9	8.9
ENE	.3	1.1	1.7	1.2								4.3	8.6
E		.9	1.8	.3	.2							3.2	7.9
ESE	.2	1.4	1.8	.2								3.5	7.3
SE	.5	.8	.5	.2								1.8	6.3
SSE	.2	.9	.9	.5								2.4	7.8
S	.5	1.5	3.8	1.7								7.4	8.8
SSW	.6	1.8	2.6	3.2	.9							9.1	10.2
SW	.6	1.1	1.8	2.7								6.2	9.7
WSW	.5	1.2	2.3	.9	.5							5.3	9.0
W	.9	2.7	3.2	1.2								8.1	7.4
WNW	.9	2.3	2.4	2.0	.2							7.8	8.2
NW	.2	.8	3.2	1.2	.3							5.8	9.6
NNW	.6	1.2	3.3	1.7								6.8	8.8
VARIABLE													
CALM	////////////////////											4.1	////
TOTALS	7.7	21.3	41.6	22.8	2.9							100.0	8.5

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: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
 MONTH: APR HOURS(IST): 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	.5	1.6	3.9	3.0	.8							9.6	10.2
NNE		.3	3.7	2.0	.6							6.7	11.1
NE	.2	.8	1.7	1.1	.2							3.9	9.2
ENE	.2	1.1	1.1	.5								2.8	7.4
E	.9	2.2	3.1	.2								6.2	6.6
ESE	.2	1.1	2.5	.3								4.0	7.8
SE	.2	.9	1.1	.2								2.3	7.2
SSE	.2	.8	.8	.3								2.0	7.7
S	.6	2.6	4.8	5.6	.9							14.6	10.3
SSW	.5	.5	3.1	4.5	1.4	.5						10.4	12.3
SW	.7	.7	1.7	2.5	1.1		.2					6.1	12.4
WSW	.2	.8	1.4	1.2	.6	.2						4.3	10.9
W	.6	1.2	1.7	2.3								5.9	9.1
WNW	.7	1.9	4.3	1.9	.5							8.9	9.1
NW	.2	1.7	1.9	1.6	.2							5.4	9.0
NNW	.3	1.4	2.2	1.6								5.4	8.6
VARIABLE	////////////////////////////////////											1.4	////
TOTALS	5.0	19.1	39.0	28.6	6.2	.5	.2					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS: 644

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MFC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-87
 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	.4	3.6	2.5	.2							7.0	10.5
NNE	.4	.6	1.9	2.1								5.1	9.9
NE	.2	.6	2.5	1.7								5.1	9.1
NNE	.4	1.1	1.9	1.1								4.4	8.3
E	.8	2.3	3.2	.8								7.2	7.4
ESE	.6	.9	2.5	.4								4.4	7.4
SE	.6	1.5	.2		.2							2.5	5.8
SSE	.9	1.9	1.9									4.7	5.9
S	.2	3.2	7.2	5.5	.8							16.9	10.2
SSW	.2	.6	3.8	8.5	2.1							15.3	12.5
SW		.4	1.3	1.5	.4	.4						4.0	13.3
WSW	.2	.2	.6	.8	.2	.2						2.3	11.9
W	.6	.6	1.7	.8								3.8	8.2
WNW	.4	1.5	1.7	1.7	.2							5.5	9.2
NW	1.1	1.3	2.3	1.1								5.7	7.6
NNW		1.3	1.7	1.1	.2							4.2	9.6
VARIABLE													
CALM	////////////////////											1.7	////
TOTALS	7.0	18.4	38.1	29.7	4.4	.6						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 472

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
 MONTH: APR 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	1.2		1.2	2.4								4.7	9.3
NNE	2.4	1.2	1.2	1.2								5.9	7.0
NE	1.2	1.2	4.7	3.5								10.6	8.7
ENE		2.4										2.4	4.0
E	1.2	2.4	1.2									4.7	5.5
ESE		4.7										4.7	5.5
SE	1.2											1.2	3.0
SSE	1.2	1.2				1.2						3.5	10.3
S		4.7	2.4	1.2								8.2	7.3
SSW			9.4	8.2								17.6	11.0
SW			2.4	2.4								4.7	11.8
WSW	2.4	1.2	1.2									4.7	5.0
W	1.2	4.7										5.9	4.2
WNW	3.5	1.2		1.2								5.9	5.0
NW	1.2		3.5	1.2								5.9	7.8
NNW													
VARIABLE	////////////////////////////////////											9.4	////
TOTALS	16.5	24.7	27.1	21.2		1.2						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 85

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-87
 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	.7	1.6	4.5	2.6	.4							9.8	9.3
NNE	.7	.9	2.8	1.9	.5							6.4	10.1
NE	.9	.8	2.2	1.3	.0							4.8	8.7
ENE	.7	1.1	1.3	.7								3.4	7.8
E	.6	1.8	2.2	.3	.0							4.9	6.8
ESE	.7	1.1	2.0	.2								3.6	7.3
SE	.4	.9	.6	.1	.0							2.0	6.4
SSE	.3	1.1	.9	.2		.0						2.5	7.0
S	.4	2.1	4.2	3.2	.4							10.4	9.7
SSW	.6	1.3	3.3	4.3	1.1	.1						10.7	11.0
SW	.7	.9	1.7	2.1	.4	.1	.0					5.5	10.7
WSW	.7	.9	1.5	.9	.3	.1						4.5	8.8
W	1.0	2.2	2.7	1.2								6.7	7.3
WNW	.8	1.7	2.6	1.6	.2							6.9	8.3
NW	.6	1.2	2.2	1.3	.1							5.4	8.6
NNW	.7	1.3	2.3	1.3	.0							5.3	8.7
VARIABLE													
CALM	////////////////////////////////////											7.2	////
TOTALS	8.0	21.1	36.5	27.3	3.6	.3	.0					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS: 2356

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
 MONTH: MAY 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	.7	2.4	2.6	.2								5.8	5.6
NNE	1.2	3.4	4.3	1.2								10.1	7.3
NE	1.2	1.4	1.4	.7								4.6	6.7
ENE		.7	1.0	.2								1.9	8.0
E	.7	1.0	.9									2.2	6.2
ESE	.5	.7		.2								1.4	5.4
SE	.2	.3										.5	3.7
SSE	.2	.3	.5									1.0	6.8
S	.2	1.2	.9	1.0	.2							3.4	9.3
SSW	2.7	3.4	2.2	3.1	.2							10.9	7.8
SW	1.5	3.6	3.9	1.0								10.1	6.8
WSW	1.5	1.7	2.2	1.4								6.8	7.3
W	2.0	2.9	.7	.2								5.8	4.9
WNW	1.4	2.0	.5									3.9	4.5
NW	1.4	1.2	.3	.2								3.1	4.4
NNW	.7	2.2	1.5									4.4	5.8
VARIABLE													
CALM	////////////////////											24.1	////
TOTALS	15.0	28.5	22.9	9.2	.3							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 546

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
 MONTH: MAY HOURS/LSST: 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	1.7	2.3	4.6	1.7	.2			10.5	7.6
NNE	.5	1.8	5.7	1.4	.3			9.7	8.7
NE	.3	1.8	1.7	2.0	.2			6.0	8.8
ENE	.6	1.2	1.8	.2	.3			4.2	7.8
E	.5	.9	2.2	.9				4.5	7.9
ESE	.5	.8	.6					1.8	5.6
SE	.2	.5	.2					.8	6.2
SSE	.2	.8	.3					1.2	5.0
S	.2	1.7	4.2	2.5	.2	.2		8.8	9.6
SSW	.5	2.6	3.2	3.8	.6			10.8	9.7
SW	.5	.8	3.1	3.4	.5			8.2	10.3
WSW	.6	2.0	3.1	2.2				7.8	8.6
W	1.7	3.7	2.6	.5				8.5	6.1
WNW	.9	3.2	1.1	.3				5.5	5.6
NW	.5	1.4	1.8	.3				4.0	7.1
NNW	.5	2.3	1.8	.6				5.7	6.6
VARIABLE									
CALM	////////////////////							2.2	////
TOTALS	10.0	27.8	38.0	19.7	2.2	.2		100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 650

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
 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	.2	2.5	5.9	1.8	.2							10.5	8.7
NNE	.3	2.3	2.0	2.0	.3	.2						7.1	9.4
NE	.3	1.6	3.3	1.3	.2							6.7	8.7
ENE		1.8	2.1	.8								4.8	7.9
E	.7	1.5	3.8	1.0								6.9	7.9
ESE	.2	.9	1.3	.2								2.5	6.9
SE	.7	1.2	.8	.3								2.6	6.6
SSE	.3	.7	1.8	.3								3.1	7.5
S	.8	2.8	8.4	5.9								17.9	9.4
SSW	.3	1.0	3.6	5.3	1.0	.3						11.5	11.6
SW		.5	2.6	2.8	.2	.2						6.2	11.3
WSW		.8	2.6	1.3		.2						4.9	9.5
W	.8	1.2	1.2	.2		.2						3.5	6.8
WNW	.7	2.0	.7	.2								3.5	5.4
NW	.5	.8	1.6	.2								3.1	6.9
NNW	.7	.2	1.5	.5								2.8	7.3
VARIABLE													
CALM	////////////////////											2.3	////
TOTALS	6.1	21.5	43.3	24.0	1.8	1.0						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS: 608

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	1.3	1.3	3.0	1.5								7.0	7.7
NNE	.5	1.5	3.5	2.8								8.3	9.0
NE	.8	1.0	3.3	.5								5.5	7.7
ENE	.7	4.0	2.8	.3								7.3	6.5
E	.8	4.8	2.0	.8								8.3	6.3
ESE	.3	1.0	2.0	.3								3.5	7.4
SE	.3	1.3	.8									2.3	5.9
SSE	.5	1.3	1.0	.5								3.3	6.8
S	.8	4.3	9.8	5.5	.8	.3						21.4	9.4
SSW	.5	.3	9.3	6.3	2.0	.8						19.1	11.9
SW		.5	1.3	1.5	.3							3.5	10.9
WSW	.7	.5	1.0	.5								2.3	7.7
W	1.0	.8	.5									2.3	4.7
WNW		.5	.3									.8	6.7
NW	.7	.3	.3									.8	5.0
NNW	.3	.5	1.3	.3								2.3	7.0
VARIABLE													
CALM	////////////////////											2.3	////
TOTALS	7.5	23.6	42.0	20.6	3.0	1.0						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 398

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: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
 MONTH: MAY 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		3.0	3.0	1.5								7.6	7.6
NNE			3.0	3.0								6.1	10.5
NE		6.1	3.0									9.1	6.7
ENE	3.0		1.5									4.5	4.0
E	6.1	6.1										12.2	3.8
ESE	1.5	3.0										4.5	5.0
SF	4.5											4.5	2.0
SSE	1.5	1.5										3.0	3.0
S	1.5	4.5	7.6	1.5	1.5							16.7	8.5
SSW		4.5	7.6	4.5								16.7	9.5
SW		1.5	3.0		3.0							7.6	11.6
WSW		1.5										1.5	4.0
W													
WNW													
NW													
NNW	1.5											1.5	2.0
VARIABLE													
CALM	////////////////////											4.5	////
TOTALS	19.7	31.8	28.8	10.6	4.5							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 66

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: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	.9	2.2	4.1	1.3	.1							8.6	7.8
NNE	.6	2.3	3.9	1.8	.2	.0						9.8	8.5
NE	.6	1.6	2.3	1.2	.1							5.8	8.1
NNE	.7	1.7	1.9	.3	.1							4.3	7.4
E	.7	1.9	2.2	.6								5.4	7.0
ESE	.4	.9	.9	.1								2.3	6.4
SE	.3	.7	.4	.1								1.6	5.8
SSE	.3	.7	.9	.2								2.1	6.6
S	.5	2.4	5.5	3.5	.3	.1						12.2	9.4
SSW	.9	2.0	4.2	4.5	.8	.2						12.6	10.3
SW	.6	1.4	2.9	2.2	.3	.0						7.3	9.4
WSW	.6	1.3	2.3	1.4		.0						5.7	8.3
W	1.4	2.2	1.3	.2		.0						5.2	5.7
WNW	.9	2.0	.6	.1								3.6	5.3
NW	.6	1.0	1.1	.2								2.9	6.2
NNW	.7	1.3	1.5	.3								3.9	6.5
VARIABLE													
CALM	////////////////////											7.8	////
TOTALS	10.1	25.7	36.0	19.1	1.8	.5						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 2308

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
 MONTH: JUN HOURS(DST): 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	2.7	1.2									4.8	5.3
NNE	1.2	3.2	3.2	.5								8.1	6.5
NE	.4	1.9	2.5	1.1								5.8	7.8
NNE	.4	.9	1.6	.4								3.2	7.1
E	.4	1.6	.9	.4								3.2	6.3
ESE		1.1	.2									1.2	5.0
SE	.2	.4	.2									.7	4.0
SSE	.4	.4										.7	4.0
S	1.2	1.1	.7	.4								3.4	5.7
SSW	1.4	2.4	2.1	.9								7.3	6.6
SW	.7	3.5	4.4	.9								9.6	7.4
WSW	1.1	2.3	5.1	.9	.4							9.7	7.6
W	1.4	3.7	1.8	.2								7.1	5.3
WNW	.7	1.4	.2									2.3	4.3
NW	.5	1.1	.4	.4								2.3	5.9
NNW	1.2	1.1	.4	.2								2.9	4.6
VARIABLE													
CALM	////////////////////											27.8	////
TOTALS	12.0	29.0	24.8	6.0	.4							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 505

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE AC

PERIOD OF RECORD: 78-87
 MONTH: JUN 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	1.1	2.7	2.9	.6								7.3	6.9
NNE	.5	2.7	3.8	1.9								9.9	8.4
NE	.5	1.4	2.9	1.7	.2							6.7	8.5
ENE	.8	1.9	1.9	1.0	.2							5.7	7.5
E	.5	2.1	2.5	1.1								6.2	7.5
ESE	.5	1.7	.8									3.0	5.3
SE	.6	1.0	.2									1.7	4.5
SSE	.5	1.7	.3									2.5	4.9
S	.6	2.6	3.2	1.0								7.3	7.2
SSW	.3	1.9	3.7	1.9								7.8	8.6
SW	.2	1.3	5.7	1.9	.2							9.2	9.2
WSW	.2	3.6	3.5	1.7	.2							9.3	8.2
W	1.0	2.4	3.3	.2								6.8	6.5
WNW	1.1	1.4	.6	.5								3.7	5.7
NW	1.0	2.6	.5	.2								4.1	5.1
NNW	.5	1.4	1.0	.3								3.2	6.3
VARIABLE													
CALM	////////////////////											6.8	////
TOTALS	9.7	32.7	36.7	14.0	.6							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 630

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: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	1.7	3.7	1.5	.5								7.4	6.0
NNE	.5	2.3	5.4	1.7								9.9	8.2
NE	.2	2.5	2.3	1.0	.2							6.2	8.1
ENE		2.9	1.5	1.2								5.5	7.7
E	1.2	2.2	2.3	1.2								6.9	6.8
ESE	.5	1.5	1.3									3.4	6.4
SE	.2	.8	.5									1.5	6.2
SSE	.8	.7	1.8									3.4	6.5
S	.5	2.2	8.7	3.4								14.8	8.8
SSW		2.0	3.4	5.2								10.6	10.2
SW	.3	2.7	4.7	2.7	.2							10.2	9.1
WSW	.7	.9	2.5	1.0	.2							5.2	8.4
W	1.7	1.2	1.7									4.2	5.6
WNW	1.7	1.7	.3	.2								3.9	4.2
NW		1.5	1.0	.2	.2							2.9	7.5
NNW	.2	1.3	.7									2.2	5.7
VARIABLE													
CALM	////////////////////											2.0	////
TOTALS	9.7	79.7	39.8	19.1	.7							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 596

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATION*

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	34-40	41-47	48-55			GE 56
N	.5	1.9	.7	.2								3.2	6.1
NNE	.5	1.4	5.8	1.4								9.0	8.6
NE	.7	1.2	4.4	.7								6.9	7.9
ENE	.7	3.2	2.8	.5								7.2	6.8
E	1.4	3.2	3.2	.7								8.5	6.2
ESE	.5	3.2	1.6									5.3	5.8
SE	.7	.9	.7									2.3	5.4
SSE	.2	.5	1.2									1.9	6.9
S	1.9	4.4	9.0	5.8								21.0	9.5
SSW	.7	1.6	5.5	6.9	1.2							15.9	10.7
SW		.7	3.2	2.8								6.7	10.2
WSW		.7	1.2	.5								2.3	8.6
W	.7	.9	.5	.5								2.5	6.2
WNW	.2	.5	.5									1.2	6.0
NW	.2	.5	.2									.9	5.5
NNW		.9	1.2									2.1	7.0
VARIABLE													
CALM	////////////////////											3.0	////
TOTALS	8.9	25.6	41.6	19.9	1.2							100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 433

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 7A-87
 MONTH: JUN 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	1.2											1.2	3.0
NNE			2.4									2.4	8.0
NE	3.6	6.0	2.4									11.9	4.8
ENE	2.4	2.4	1.2									6.0	5.0
E	2.4	1.2	1.2									4.8	4.3
ESE	2.4	4.8	1.2									8.3	4.6
SE	1.2	3.6										4.8	4.5
SSE	4.8	2.4										7.1	3.2
S	1.2	2.4	4.8	1.2								9.5	6.5
SSW	3.6		6.0	10.7								20.2	10.4
SW		1.2	2.4	2.4								6.0	9.6
WSW	1.2			1.2								2.4	6.5
W	1.2											1.2	2.0
WNW		2.4			1.2							3.6	9.7
NW	1.2											1.2	3.0
NNW		1.2										1.2	5.0
VARIABLE													
CALM	////////////////////											8.3	////
TOTALS	26.2	27.4	21.4	15.5	1.2							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 84

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
 MONTH: JUN HOURS/DAY: 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	2.7	1.6	.3								5.7	6.2
NNE	.6	2.4	4.4	1.3								8.8	8.0
NE	.5	1.9	2.9	1.1	.1							6.6	7.9
NNE	.5	2.2	1.9	.7	.0							5.3	7.2
E	.9	2.2	2.2	.8								6.0	6.7
ESE	.4	1.9	1.0									3.3	5.6
SE	.4	.9	.3									1.6	5.1
SSE	.5	.9	.8									2.3	5.5
S	1.0	2.4	5.2	2.1								10.9	8.1
SSW	.7	2.0	3.6	3.8	.2							10.4	9.4
SW	.7	2.0	4.5	2.0	.1							9.0	8.8
WSW	.5	1.9	3.1	1.1	.2							6.7	8.1
W	1.1	2.0	1.9	.2								5.2	5.9
WNW	1.0	1.3	.4	.2	.0							2.9	5.1
NW	.7	1.4	.5	.2	.0							2.6	6.0
NNW	.5	1.2	.7	.1								2.6	5.8
VARIABLE													
CALM	////////////////////											10.1	////
TOTALS	10.7	29.4	34.9	14.3	.7							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 2306

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
 MONTH: JUL 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	3.5	.7									6.5	4.3
NNE	.7	3.3	2.0									6.1	5.6
NE	.6	1.7	.2									2.4	4.8
ENE	.6	1.1	.9									2.6	5.9
E	.2	.7	.4									1.3	5.6
ESE	.2	.7	.2	.2								.7	7.0
SE	.2	.2										.4	3.5
SSE	.2											.2	2.0
S	.6	1.5	.2									2.2	4.8
SSW	1.9	4.3	2.4	.4								9.9	5.7
SW	2.9	5.6	4.3	1.1								13.4	6.4
WSW	1.7	3.7	2.4	.4								7.8	5.9
W	2.6	3.9	.7	.4								7.6	4.8
WNW	2.4	1.1	.4									3.9	3.7
NW	1.3	.7	.6									2.6	4.4
NNW	.7	.9	.4									2.0	4.4
VARIABLE													
CALM	////////////////////											31.2	////
TOTALS	18.0	32.5	15.8	2.4								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 538

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
 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	.6	1.9	2.6	.3								5.5	6.6
NNE	1.1	3.2	3.5									7.9	6.3
NE		1.3	3.7	.2								5.2	7.6
ENE	1.0	2.1	2.3	.2								5.5	6.1
E	.6	1.9	1.6									4.0	5.8
ESE	1.0	1.1	.3	.3								2.7	4.9
SE	.6	.6										1.3	3.6
SSE	.5	.6	.5	.3								1.9	6.1
S	.9	2.6	1.8	.6								5.8	6.6
SSW	.6	2.1	3.1	1.6								7.4	8.2
SW	1.4	4.3	4.8	1.8	.3							12.7	7.9
WSW	1.0	3.2	3.1	2.1								9.3	7.5
W	2.6	4.3	1.6	.2								8.7	5.2
WNW	1.8	3.2	.8									5.8	4.3
NW	1.1	1.6	.5	.3								3.7	4.9
NNW	1.1	2.1	.5	.5								4.2	5.4
VARIABLE													
CALM	////////////////////////////////////											8.4	////
TOTALS	16.1	36.2	30.6	8.4	.3							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 621

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
 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	1.4	2.1	1.7	.2								5.3	5.6
NNE	.5	2.4	3.4	1.2								7.6	7.5
NE	1.0	2.2	2.6	.3								6.2	6.6
ENE	.7	1.6	2.4									4.7	6.5
E	.9	2.1	2.6	.3								5.9	6.5
ESE	1.2	1.9	.7									3.8	4.9
SE	.5	.7	.5									1.7	5.2
SSE	.2	1.4	.7									2.2	5.9
S	.2	4.0	6.9	2.2	.2							13.4	8.3
SSW	.9	2.1	6.0	3.1	.2	.2						12.4	9.1
SW	.3	1.9	5.0	1.7	.3	.2						9.5	9.0
WSW	.7	2.2	2.4	1.2	.2							6.7	7.9
W	.9	3.1	.9	.9								5.7	6.4
WNW	1.7	1.0	.2									2.9	4.7
Wd	.7	1.0	.3									1.7	4.7
NNW	1.2	1.9	1.0									4.1	4.8
VARIABLE													
CALM	////////////////////											6.0	////
TOTALS	12.6	31.6	37.4	11.2	.9	.2						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 580

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
 MONTH: JUL 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	.6	1.1									2.8	5.6
NNE	.8	2.0	2.5	.6								5.9	7.1
NE	.2	3.7	3.7	.8								8.5	7.3
ENE	.3	2.0	2.8									5.1	6.7
E	.7	5.9	2.5	.6								9.3	6.2
ESE	2.5	1.1	1.7									5.4	4.8
SE		.3	.3									.6	6.5
SSE	.8	1.1	.6									2.5	4.9
S	1.1	5.7	6.8	4.0	.3							17.8	8.3
SSW	.3	3.7	7.1	7.4	.3							18.7	9.7
SW	.7	1.4	2.0	3.1								6.8	9.7
WSW	.7	2.0	1.1	.8								4.2	7.6
W	.8	.8	.8	.3								2.8	5.9
WNW		.8										.8	4.0
NW	.6		.3									.8	4.3
NNW		.8	.8									1.7	5.8
VARIABLE													
CALM	////////////////////											5.9	////
TOTALS	9.6	32.0	34.3	17.6	.6							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 353

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
 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													
NNE		5.9	2.0									7.8	6.0
NE	5.9	5.9										11.8	3.8
ENE		2.0										2.0	5.0
E	2.0	2.0										3.9	3.0
ESE	3.9	5.9										9.8	3.4
SE		2.0										2.0	4.0
SSE	2.0											2.0	2.0
S	2.0	5.9	3.9	2.0								13.7	6.4
SSW	2.0	7.8	11.8	2.0								23.5	7.5
SW				3.9								3.9	12.5
WSW													
W			2.0									2.0	8.0
WNW													
NW													
NNW			2.0									2.0	10.0
VARIABLE	////////////////////////////////////											15.7	////
CALM	////////////////////////////////////											15.7	////
TOTALS	17.6	37.3	21.6	7.8								100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 51

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-87
 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	48-56		
N	1.7	2.1	1.6	.1							5.1	5.5
NNE	.8	2.9	2.9	.4							7.0	6.6
NE	.6	2.1	2.4	.3							5.5	6.7
NNE	.7	1.7	2.0	.0							4.4	6.3
E	.6	2.3	1.7	.2							4.7	6.1
ESE	1.2	1.2	.6	.1							3.1	4.9
SE	.4	.5	.2								1.1	4.6
SSE	.4	.7	.4	.1							1.7	5.5
S	.7	3.3	3.6	1.5	.1						9.1	7.7
SSW	1.0	3.0	4.6	2.7	.1	.0					11.4	8.4
SW	1.2	3.4	4.2	1.9	.2	.0					10.8	7.9
WSW	.8	2.8	2.3	1.2	.0						7.2	7.2
W	1.2	3.2	1.1	.4							6.5	5.4
WNW	1.6	1.6	.4								3.6	4.1
NW	.9	.9	.4	.1							2.3	4.7
NNW	.8	1.5	.7	.1							3.2	5.1
VARIABLE												
CALM	////////////////////										13.3	////
TOTALS	14.1	33.4	29.1	9.1	.4	.1					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 2143

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COLNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
 MONTH: AUG 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	2.5	1.2									5.7	4.7
NNE	.6	1.9	2.2									4.5	6.5
NE	1.0	1.4	1.4									3.7	5.6
NNE	1.2	.6	.4	.2								2.3	5.3
E	.4	.4	.2									1.0	4.6
ESE	.6	.2										.8	3.5
SE				.2	.2							.4	11.0
SSE	.6	.2			.2							1.0	5.0
S	.8	1.0	.6	.2								2.5	5.5
SSW	2.3	2.5	.6	.2								5.7	4.5
SW	2.9	4.7	2.0	.4								10.0	5.2
WSW	1.2	2.5	1.0	.2								4.9	5.3
W	2.5	2.3	.6									5.5	4.2
WNW	1.0	2.2										3.1	3.9
NW	1.2	1.8	.2									3.1	4.1
NNW	1.6	1.4										2.9	3.5
VARIABLE													
CALM	////////////////////											42.7	////
TOTALS	20.0	25.4	10.4	1.6								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS: 511

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COLNTY GUNNERY RANGE NC

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

DIRECTION (D EGRES)	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	3.7	2.4	.2								7.6	5.6
NNE	1.0	3.9	4.3	1.0								10.1	7.1
NE	.7	2.7	3.4	1.0								7.2	7.5
ENE	.3	1.1	1.8	.3								3.5	7.4
E	1.0	1.9	1.3									4.2	5.5
ESE	.2	.8	.5									1.4	6.3
SE	.5	.8	.2									1.4	4.0
SSE		.5	.5									1.0	6.7
S	.5	4.0	3.4	1.3								9.2	7.4
SSW	.5	1.6	3.5	.5								6.1	7.4
SW	.6	3.4	4.0	3.1								11.1	8.2
WSW	.6	3.1	2.3	1.0								6.9	7.1
W	2.4	5.7	1.3	.5								9.7	5.3
WNW	1.6	1.1	.3									3.1	3.9
NW	.6	1.1	.5									2.3	5.0
NNW	.7	2.1	.5									2.9	4.9
VARIABLE													
CALM	////////////////////											12.7	////
TOTALS	11.6	36.9	30.1	8.7								100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 621

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
 MONTH: AUG 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	.7	1.6	2.3	.7								5.2	7.2
NNE	1.5	3.6	3.1	.7								9.8	6.5
NE	.7	2.0	3.6	1.3								7.5	8.0
ENE	.5	2.5	1.8	.5								5.2	6.7
E	1.0	2.5	1.8	.3								5.6	6.3
ESE	1.7	1.8	.7									3.8	4.6
SE	.3	1.1	.3									1.8	5.2
SSE	.6	1.0	1.6	.3								3.4	7.0
S	.8	2.9	8.5	2.9								15.2	8.4
SSW	.2	2.6	4.7	3.4								11.0	9.1
SW	.3	1.6	3.4	2.3								7.7	9.2
WSW	.5	1.6	2.6	1.3	.2							6.2	7.9
W	1.1	3.3	1.1									5.6	5.0
WNW	.3	1.8										2.1	4.8
NW	.2	.8	.3									1.3	5.6
NNW	.5	1.0	1.1									2.6	5.8
VARIABLE													
CALM	////////////////////											6.9	////
TOTALS	10.7	31.9	37.2	13.7	.2							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 611

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	.3	1.6	.8									2.6	6.1
NNE	.3	3.6	3.4	1.0								8.3	7.4
NE	1.6	1.8	1.3	1.3								6.0	6.9
ENE	.7	1.6	.8	.8								3.4	7.3
E	2.6	8.1	.8									11.5	4.8
ESE	.8	2.3	1.6									4.7	5.7
SE	1.0	.8										1.8	3.7
SSE		1.0	.5	.3								1.8	7.0
S	.5	3.4	9.4	5.7								19.0	9.2
SSW	.7	2.9	11.2	5.5								19.8	9.3
SW		1.7	3.6	1.3								6.2	9.8
WSW	.8	1.0	.5		.3							2.6	6.4
W	.5	.5	.3									1.3	5.0
WNW		.8										.8	5.0
NW	.7	.6										.8	4.7
NNW	.5	.5										1.7	3.3
VARIABLE													
CALM	////////////////////											9.3	////
TOTALS	9.6	11.8	34.1	15.9	.3							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 344

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-87
 MONTH: AUG 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	1.6		1.6									3.3	4.5
NNE		3.3										3.3	5.0
NE		1.6	1.6									3.3	7.0
ENE		3.3										3.3	5.0
E			4.2									8.2	4.8
ESE	1.6											1.6	2.0
SE													
ESE													
S	3.3	3.3										6.6	4.0
SSW		13.1	13.1	8.2								34.4	8.6
SW	1.6	3.3	1.6	1.6								8.2	6.8
WSW													
W	1.6	1.6										3.3	4.0
WNW													
NW													
NNW													
VARIABLE	////////////////////////////////////											24.6	////
TOTALS	9.8	37.7	18.0	9.8								100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 61

GLOBAL CLIMATOLOGY BRANCH
 USAF/LTAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 78-87
 MONTH: AUG HOURS(DIST): 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	2.4	1.8	.2								5.5	5.8
NNE	.9	3.2	3.2	.6								8.0	6.9
NE	.7	2.0	2.6	.9								6.2	7.3
ENE	.5	1.5	1.2	.4								3.7	6.7
E	1.1	3.0	1.1	.1								5.2	5.4
ESE	.7	1.2	.6									2.5	5.1
SE	.4	.7	.2	.0								1.3	4.9
SSE	.1	.6	.7	.2								1.8	6.7
S	.7	2.9	5.1	2.2								11.0	9.2
SSW	.8	2.7	4.8	2.3								10.6	9.3
SW	1.0	2.8	3.2	1.9								9.0	7.7
WSW	.7	2.1	1.7	.7	.1							5.3	6.9
W	1.7	3.0	.9	.1								5.8	4.9
WNW	.8	1.5	.1									2.3	4.2
NW	.5	1.1	.3									1.9	4.7
NNW	.7	1.3	.5									2.4	4.6
VARIABLE													
CALM	////////////////////											17.6	////
TOTALS	12.8	31.9	27.8	9.7	.1							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 2168

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: 746957 STATION NAME: DAPE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
 MONTH: SEP HOURS(UT): 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	4.8	3.6	.6	.6								9.6	4.5
NNE	2.8	4.4	3.8	.6								11.6	5.9
NE	1.8	3.0	1.2	.8								6.8	5.9
NNE	1.0	1.0	.6									2.6	4.9
E	.2	1.0	.4	.4								2.0	6.9
ESE	.6		.6									1.2	4.8
SE		.2										.2	5.0
SSE	.4											.4	2.0
S	.8	.4	.4	.8	.2							2.6	8.2
SSW	1.4	2.0	1.2	.2								4.8	5.5
SW	1.8	1.8	1.6	.4								5.6	5.6
WSW	1.4	1.8	.6	.2								4.0	4.9
W	2.2	1.6	.2									4.0	3.7
WNW	1.2	1.0										2.2	3.4
NW	1.4	2.4	.2									4.0	4.3
NNW	3.4	1.0	.2	.2								4.8	3.2
VARIABLE													
CALM	////////////////////											33.7	////
TOTALS	25.1	25.1	11.6	4.2	.2							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 561

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/PAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	.9	4.8	4.2	1.1								11.0	7.0
NNE	1.2	4.4	5.9	1.8	.2							13.5	7.5
NF	.5	3.0	7.6	2.8								14.3	8.5
FNE	.4	1.9	3.7	.9								6.9	7.8
E	1.2	2.5	2.3	.2								6.2	6.0
FSF	.2	.4	.5									1.1	6.0
SF	.4	.2	.4	.2								1.1	7.5
SSE		.2	.5	.2								.9	8.4
S	.4	1.4	1.6	1.1	.2							4.6	8.8
SSW	.4	.5	1.8	.7								3.4	8.0
SW	.4	1.4	3.9	1.2								6.9	8.4
WSW	.4	1.4	2.8	.4								5.0	7.2
W	1.4	5.3	2.3	.2								9.2	5.5
WNW	.7	2.3	.2									3.2	4.4
NW	.2	2.5	1.2	.2								4.1	6.1
NNW	.4	1.1	.9	.7								3.0	7.1
VARIABLE													
CALM	////////////////////											5.8	////
TOTALS	9.2	33.3	39.8	11.5	.4							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 565

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: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	.6	3.9	3.1	1.6								9.2	7.3
NNE	.6	3.5	5.3	5.5								14.9	9.1
NE	.8	3.1	5.7	3.7	.4							13.7	8.8
NNE	.8	1.4	4.5	.4								7.0	7.4
E	.4	2.0	3.7	.4								6.8	7.0
ESE	.4	2.0	.6									2.9	5.3
SE	.7	.7	.2									.6	5.0
SSE	.2	1.2	1.0	.2								2.5	7.4
S	.6	2.7	6.5	2.2	.4							12.3	8.5
SSW		.8	2.3	2.3	.2							5.7	10.4
SW	.4	1.6	2.7	1.6								6.3	8.6
WSW	.5	1.4	2.9	1.0								5.9	7.6
W	.4	2.3	1.2	.4								4.3	6.3
WNW	.8	1.2	.2	.4								2.5	5.2
NW	.4	.4	.6	.4								1.8	6.6
NNW	.4	.4		.2								1.0	5.4
VARIABLE													
CALM	////////////////////											2.5	////
TOTALS	7.8	26.0	40.5	20.2	1.0							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 511

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
 MONTH: SEP HOURS(EST): 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	.7	2.9	1.5	.7								5.8	6.8
NNE	.4	3.3	8.7	3.3								15.6	8.7
NE	1.8	5.1	6.5	6.5	.4							20.4	8.9
ENE	.4	3.3	3.3									6.9	6.7
E		2.2	1.5	.4								4.0	6.9
ESE	1.1	1.1										2.2	3.8
SE	.4											.4	3.0
SSE	.7	1.5										2.2	4.3
S	1.5	7.3	5.8	5.1								19.6	8.0
SSW	.4		6.5	3.3								10.2	10.0
SW		.7	1.1	1.5								3.3	9.8
WSW		.7		.4								1.1	8.0
W		.7	1.5		.4							2.5	8.9
WNW	.4	1.1	.4									1.8	5.8
NW		.7	.7									1.5	6.8
NNW	.7	.4	.7									1.8	5.4
VARIABLE													
CALM	////////////////////											.7	////
TOTALS	8.4	10.9	38.2	21.1	.7							100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 275

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79,81-85,87
 MONTH: SEP 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			6.7									6.7	9.0
NNE	13.3		3.3	6.7								23.3	5.7
NE		3.3										3.3	4.0
ENE													
E	3.3											3.3	2.0
ESE													
SE													
SSE													
S		3.3	3.3									6.7	6.0
SSW		3.3	6.7	3.3								13.3	8.8
SW			6.7									6.7	7.5
WSW													
W													
WNW													
NW													
NNW													
VARIABLE	////////////////////////////////////											36.7	////
CALM	////////////////////////////////////											36.7	////
TOTALS	16.7	10.0	26.7	10.0								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 30

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 78-87
 MONTH: SEP 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	1.8	3.9	2.6	1.0								9.3	6.4
NNE	1.5	3.9	5.5	2.8	.1							13.8	7.8
NE	1.2	3.3	5.1	7.0	.2							12.9	8.3
ENE	.6	1.7	3.0	.4								5.7	7.1
E	.7	1.9	2.0	.3								4.9	6.5
ESE	.5	.8	.5									1.8	5.1
SE	.2	.2	.2	.1								.6	6.2
SSE	.3	.6	.4	.1								1.4	6.5
S	.7	2.4	3.2	1.9	.2							8.4	8.3
SSW	.5	1.0	2.6	1.4	.1							5.5	8.7
SW	.7	1.4	2.6	1.1								5.8	7.9
WSW	.6	1.4	1.8	.5								4.3	6.8
W	1.1	2.8	1.3	.2	.1							5.4	5.6
WNW	.8	1.4	.2	.1								2.5	4.5
NW	.5	1.1	.7	.2								3.0	5.6
NNW	1.2	.7	.4	.3								2.7	4.9
VARIABLE													
CALM	////////////////////											12.1	////
TOTALS	13.1	22.0	32.0	13.3	.5							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 1882

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746953 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86
 MONTH: OCT HOURS(UT): 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	3.6	5.0	1.8	.8								11.2	5.1
NNE	1.8	4.2	3.4	1.2	.2							10.8	7.1
NE	1.2	1.8	2.2	1.0	.2							6.4	7.2
ENE	.4	.6	.4	.6								2.0	7.9
E			.4	.2								.6	10.0
ESE	.2	.4										.6	4.7
SE													
SSE			.2	.4								.6	11.0
S	1.2	.6	.2	.4								2.4	5.5
SSW	1.0	1.4	1.0									3.4	5.7
SW	1.6	.4	.8									3.2	4.2
WSW	.4	.6	.8									1.8	5.8
W	1.2	1.6	.4	.2								3.4	5.2
WNW	1.2	1.4	.6									3.2	4.7
NW	2.2	1.6	1.6	.4								5.8	5.4
NNW	1.6	2.0	1.2	.2								5.0	5.2
VARIABLE													
CALM	////////////////////											39.6	////
TOTALS	17.6	22.0	15.0	5.4	.4							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS: 500

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

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

DIRECTION (DIRECTION)	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	3.9	5.5	2.3								13.4	7.4
NNE	1.0	4.2	5.0	3.2	.2							13.5	8.5
NE	.6	2.4	5.2	3.1	.2	.2						11.6	9.3
ENE	.6	1.4	3.2	1.3		.2						6.8	8.4
E	1.1	1.9	1.0	1.4		.2						5.6	7.5
ESE	.5	1.1		.2								1.8	5.0
SE	.7	.2	.3	.2								1.0	6.3
SSE	.5	.3	.5									1.3	5.8
S	.3	1.0	1.1	.8								3.2	7.9
SSW	.7	.6	2.4	.5								3.9	8.3
SW	.2	2.1	1.8	1.1								5.3	7.9
WSW	.7	1.8	1.3	.2								3.5	6.8
W	.6	4.5	1.3	.2								6.6	5.7
WNW	.5	2.1	.8	.3								3.7	6.1
NW	1.7	.5	.3	1.0								3.1	6.4
NNW	1.0	1.6	2.1	.6								5.3	7.2
VARIABLE													
CALM	////////////////////											10.5	////
TOTALS	11.1	29.6	31.7	16.3	.3	.5						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 621

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

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

DIRECTION (OF GREEK)	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	4.6	2.4								9.9	8.8
NNE	1.2	3.6	4.6	3.8	.2							13.3	9.4
NE	.9	1.4	4.9	3.9								11.1	9.5
NNE	.7	2.0	2.6	1.9	.3							7.5	8.8
E	.7	3.1	2.9	.7								7.3	6.8
ESE	.5	.7	.7									1.9	5.6
SE	1.0	.7	.5									2.2	4.9
SE	.2	.5										.9	4.4
S	.5	3.8	4.1	1.4								9.7	7.4
SSW	.3	.7	3.4	1.9								6.3	9.3
SW	.5	1.5	3.2	1.7								7.0	8.4
WSW	.7	.9	1.5	.5								3.1	8.0
W	1.5	1.9	.3									3.8	4.4
WNW	.5	2.0	.9	.2								3.6	5.7
NW	.7	1.4	1.4	.7								3.9	7.1
NNW	.7	1.4	1.9	.5								4.1	8.1
VARIABLE													
CALM	////////////////////											4.6	////
TOTALS	10.1	27.8	37.5	19.5	.5							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 586

GLOBAL CLIMATOLOGY BRANCH
 1 SAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	.2	1.6	1.6	1.6								5.1	8.7
NNE	1.2	3.9	7.6	2.1	.5							15.2	8.3
NE	1.4	2.3	4.4	2.5	.2							10.8	8.6
NNE	1.2	3.7	2.1	1.4								8.3	7.1
E	1.8	3.5	2.5									7.8	5.4
ESE	1.2	1.8	.5									3.5	4.7
SE	.2	.2	.2									.7	4.3
SSE	1.4	.7	.2									2.3	3.4
S	1.6	5.1	4.4	2.8								13.8	7.3
SSW	.2	.9	5.3	1.6								8.1	9.0
SW	.2	1.6	2.3	1.2								5.3	8.0
WSW	.7	.5	.5									1.7	6.0
W	.5	.5										.9	3.8
WNW	.5	.7	.5									2.1	4.8
NW	.2	1.2	.2	.7								2.3	7.6
NNW	.5	.2	1.4	1.2								3.2	8.7
VARIABLE													
CALM	////////////////////											9.4	////
TOTALS	12.5	28.3	33.6	15.0	.7							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 434

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-86
 MONTH: OCT 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	5.9		1.5									7.4	3.2
NNE	5.9	1.5	2.9	4.4								14.7	7.2
NE	1.5	1.5	1.5	1.5								5.9	7.5
ENE	1.5			1.5								2.9	8.5
E	1.5		1.5									2.9	5.5
ESE													
SE													
SSE	1.5											1.5	3.7
S	1.5	1.5										2.9	3.5
SSW	1.5	2.9	2.9	1.5								8.8	7.3
SW	1.5											1.5	2.0
WSW	2.9											2.9	2.0
W													
WNW	1.5											1.5	2.0
NW	1.5		1.5									2.9	6.5
NNW													
VARIABLE													
CALM	////////////////////											44.1	////
TOTALS	27.5	7.4	11.8	6.8								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS: 68

GLOBAL CLIMATOLOGY BRANCH
 LSAFETAC
 AIR WEATHER SERVICE/PAL

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	1.7	3.2	3.5	1.8								10.1	7.7
NNE	1.4	3.9	5.0	2.7	.2							13.2	8.1
NL	1.0	1.9	4.2	2.7	.1	.0						10.0	8.9
NNE	.7	1.8	2.1	1.3	.1	.0						6.1	8.1
E	.9	2.0	1.7	.6		.0						5.3	6.7
ESE	.5	1.0	.3	.0								1.8	5.1
SE	.9	.3	.3	.0								1.5	5.2
SSE	.5	.4	.2	.1								1.2	5.1
S	.9	2.4	2.3	1.2								6.8	7.2
SSW	.5	1.0	2.9	1.0								5.4	6.3
SW	.7	1.5	2.0	1.0								5.2	7.5
WSW	.4	1.0	1.0	.2								2.5	6.8
W	1.0	2.2	.5	.1								3.8	5.2
WNW	.8	1.6	.7	.1								3.2	5.4
NW	1.0	1.1	.9	.7								3.7	6.4
NNW	.9	1.3	1.6	.6								4.3	7.1
VARIABLE													
CALM	////////////////////											16.3	////
TOTALS	13.2	26.6	29.2	14.2	.5	.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 1209

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86
 MONTH: NOV HOURS(LOCAL): 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	3.0	3.4	3.0	2.7	.2							11.8	7.0
NNE	1.0	3.7	2.7	2.0								9.4	7.2
NE	1.2	2.0	1.0	.2								4.4	5.4
ENE	1.0	1.2	.5									2.7	5.0
E	.5	.7	.7	.2								2.2	6.6
ESE	.2	.5		.7								1.5	8.7
SE		.7	.2									.5	6.0
SSE	.2	.2	.2									.7	5.7
S	.7	.7	2.5	.5								4.4	7.5
SSW	1.5	1.5	.7	.5								4.2	5.6
SW	1.5	1.5	1.2	1.0								5.2	6.8
WSW	1.7	.5	.2	.7								3.2	5.6
W	1.5	2.5	1.0									4.9	4.7
WNW	1.5	1.7	1.0									4.2	4.6
NW	1.7	2.7	.7									4.7	4.3
NNW	1.5	2.7	1.0	.5								5.7	5.8
VARIABLE													
CALM	////////////////////											30.3	////
TOTALS	18.7	25.4	16.7	8.6	.2							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 406

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86
 MONTHS: NOV 1981-1982

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-15	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.8	4.7	5.2	2.2	.2							13.2	8.0
NNE	.4	4.9	4.6	2.9	.3							13.5	6.4
NE	1.0	3.6	3.6	.5								8.6	6.9
NNE	1.0	1.0	1.7	.8								4.6	7.4
E	.7	2.4	1.4	.3								4.4	6.7
ESE	.5	1.2	1.2									2.9	6.5
SE	.5	.5		.2								1.2	5.1
SSE	.7	.7	.3	.2								1.2	6.6
S	.5	2.0	2.5	2.2	.2							7.8	8.5
SSW	1.0	2.0	1.0	.7								4.7	6.4
SW	.4	1.9	2.2	1.2								6.1	7.9
WSW	1.0	1.5	1.5	1.2	.2							5.4	7.9
W	.7	2.5	1.5		.2							4.6	6.4
WNW	.7	1.4	2.0	.2								3.9	6.8
NW	.7	.4	1.5	1.0								3.7	8.2
NNW	.7	.4	1.5	1.7								4.7	8.6
VARIABLE													
CALM	////////////////////											9.5	////
TOTALS	10.8	31.7	32.1	15.2	1.0							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 591

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: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86
 MONTH: NOV HOURS(UT): 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	.9	1.9	5.3	3.6								11.7	9.2
NNE	.7	2.7	4.8	3.6								11.9	8.9
NL	.7	2.4	5.2	1.4	.3							9.6	8.4
NNE	.3	1.4	2.1	.7								4.5	7.8
E		1.0	2.6	1.0								4.6	8.4
ESE	.0	1.2	.5									1.9	6.3
SE		.5	.3	.2								1.0	7.5
SSE	.7	.7	1.4									2.4	6.9
S	.3	4.0	6.9	1.7	.2							13.1	8.3
SSW	.7	.9	2.9	2.2	.2							6.5	9.3
SW		.9	2.2	2.6								5.7	9.9
WSW	.7	2.1	2.2	1.7								6.2	8.8
W	.9	1.0	.7	.2								2.9	5.7
WNW	.7	1.5	1.7	.7								4.5	7.0
NW	.9	1.4	1.2	.9								4.3	7.2
NNW	.2	1.7	1.5	1.5								5.0	8.8
VARIABLE													
CALM	////////////////////											4.3	////
TOTALS	6.1	25.4	41.6	27.0	.7							100.0	8.1

TOTAL NUMBER OF OBSERVATIONS: 542

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	.7	2.2	3.6	1.9								8.4	8.1
NNE	1.0	3.4	5.1	2.7								12.3	8.0
NE	1.2	2.9	2.9	1.2								8.2	6.9
NNE	.7	1.2	1.7	.2								3.9	6.5
E	1.0	3.6	1.7									6.3	5.5
ESE	1.0	1.0	.5									2.7	4.2
SE		1.0	.2									1.2	5.0
SSE	.5	.2	.2									1.0	4.8
S	1.7	6.5	5.3	.7	.2							14.5	6.7
SSW	1.4	3.9	3.6	1.7								10.6	7.3
SW	.5	1.0	1.9	1.9									9.0
WSW	.0	.7	.7	.7								2.4	8.3
W	1.0	1.9	.5	.7								4.1	6.1
WNW	.7	1.7	.7	.5								3.6	6.5
NW	.7	1.0	1.0	.5								3.6	7.1
NNW	.7	.5	1.0	.5								2.7	6.5
VARIABLE													
CALM	////////////////////											9.4	////
TOTALS	13.0	33.0	31.1	17.3	.2							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 415

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: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-86
 MONTH: NOV HOURS(LST): 1PJD-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	2.5	3.0	5.0									11.3	6.2
NNE	3.0	2.5	2.5									8.0	4.6
NE	3.5											3.5	2.7
ENE			1.3									1.3	10.0
E	1.3											1.3	2.0
ESE		1.3										1.3	4.0
SE													
SSE													
S	2.5	2.5	1.3	1.3								7.5	6.7
SSW	5.0	2.5	2.5									10.0	4.6
SW	2.5	1.3										3.8	3.7
WSW	1.3	1.3		1.3								3.9	6.3
W	1.3	6.3	1.3									8.9	5.1
WNW		2.5										2.5	5.0
NW	2.5		1.3									3.8	4.3
NNW		1.3										1.3	5.0
VARIABLE													
CALM	////////////////////											31.3	////
TOTALS	26.7	25.0	15.0	2.5								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 80

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: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	1.3	3.1	4.5	2.5	.1							11.5	8.1
NNE	1.0	3.7	4.3	2.7	.1							11.8	8.2
NE	1.0	2.7	3.2	.8	.1							7.8	7.2
ENE	.7	1.2	1.5	.5								3.9	7.1
E	.4	1.8	1.6	.4								4.3	6.8
ESE	.4	1.1	.6	.1								2.2	6.1
SE	.1	.5	.2	.1								1.0	5.9
SSE	.3	.4	.6	.0								1.4	6.4
S	.9	3.2	4.3	1.4	.1							9.9	7.8
SSW	1.2	2.0	2.1	1.3	.0							6.5	7.3
SW	.7	1.3	1.9	1.6								5.5	8.3
WSW	.3	1.7	1.3	1.2	.0							4.5	7.9
W	.9	2.2	1.0	.2	.0							4.2	5.7
WNW	.7	1.6	1.4	.3								4.0	6.3
NW	1.0	1.2	1.3	.6								4.1	6.7
NNW	.7	1.4	1.3	1.1								4.4	7.7
VARIABLE													
CALM	////////////////////											12.9	////
TOTALS	12.1	28.6	30.9	14.9	.6							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 2074

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	2.3	4.8	3.6	1.0	.3	.3						12.2	6.6
NNE	.5	2.0	1.3	1.5								5.3	7.9
NE	.7	1.8	.5	.8	.3							3.6	8.0
ENE		.3										.3	4.0
E	.5		.8									1.3	6.2
ESE		.3	.5									.8	6.7
SE	.3											.3	3.0
SSE	.7		.3	.3								.8	7.7
S	2.0	.9	1.3	1.0								5.1	6.5
SSW	2.5	2.5	1.3	.3								6.6	4.8
SW	.5	1.9	2.8	.8								5.9	7.1
WSW	.8	1.5	1.0	.5								4.1	6.1
W	2.7	.9	.8	1.0								4.8	6.1
WNW	2.7	1.0	2.5	.3								5.9	6.1
W	1.5	2.3	1.0	1.0								5.9	6.3
NNW	4.1	3.6	1.3	.3	.5							9.7	5.2
VARIABLE													
CALM	////////////////////											27.7	////
TOTALS	19.8	23.7	18.8	8.7	1.0	.3						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 393

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86
 MONTH: DEC 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	2.5	4.9	4.7	2.8	.8							15.7	7.9
NNE	.8	3.3	4.9	2.0								11.0	7.8
NE	.7	1.8	2.3	1.5	.3	.2						6.7	8.8
ENE	.2	.8	.3	.2								1.5	6.3
E	.5	1.7	1.0									2.8	5.7
ESE	.3	.3	.7									1.3	6.1
SE		.7	.3									.7	5.5
SSE	.2	.3		.2								.7	6.5
S	1.0	1.8	.8	.8	.3							4.7	7.5
SSW	1.5	2.6	2.5	1.0	.2							7.7	7.1
SW	.5	3.1	3.3	1.5	.2							8.5	7.9
WSW	.5	2.6	2.1	1.8								7.0	8.1
W	1.0	2.3	1.1	.5	.3							5.2	7.1
WNW	.8	1.1	1.6	.7	.3							4.6	8.0
NW	.8	1.5	2.1	1.6								6.1	8.3
NNW	1.6	1.6	1.6	1.3	.3							6.5	7.6
VARIABLE													
CALM	////////////////////											9.3	////
TOTALS	12.8	29.8	29.5	15.7	2.8	.2						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 611

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86
 MONTH: DEC HOURS(EST): 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	1.7	1.7	3.2	3.3	.3	.7						10.0	9.2
NNE	1.2	2.7	5.0	4.7	.2							13.6	9.1
NE	.7	2.2	2.0	1.8	.2							6.8	8.3
ENE	.2	.8	.8	.2								2.0	6.9
E	1.0	.7	1.0									2.7	5.5
ESE	.3	.7	.3									1.3	5.4
SE	.2	.2	.3									.7	6.0
SSE		.3	.2	.2								.7	8.3
S	.8	2.8	2.0	.5								6.2	6.9
SSW	.3	1.7	4.7	2.8	.5							9.3	10.5
SW		1.7	4.5	4.0	.2							10.3	10.0
WSW	.5	1.5	3.2	2.3	.2							7.7	9.2
W	1.9	2.5	2.7	.3								7.3	6.0
WNW	.7	1.0	1.7	.8								4.3	8.0
W	.7	1.5	2.0	.8								4.7	7.8
NNW	1.2	1.5	2.8	2.5	.3							8.3	9.2
VARIABLE													
CALM	////////////////////											4.2	////
TOTALS	10.8	22.5	36.3	24.3	1.8	.2						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS: 601

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	.9	1.2	5.4	3.1								10.6	8.8
NNE	2.1	2.6	5.4	3.1	.5							13.7	6.2
NE	.9	2.1	1.9	1.7								6.6	7.5
ENE	.7	.9	1.2	.2								3.1	6.4
E	.5	.2	.2									.9	4.8
ESE		.2		.2								.5	9.5
SE	.5	.2										.7	3.3
SSE	.5	.2	.2	.2								1.2	5.8
S	2.1	4.2	3.3	.9								10.6	6.6
SSW	.9	4.5	4.7	1.7	.5	.2						12.5	7.9
SW	.7	2.4	3.5	1.2								7.3	8.1
WSW	.7	1.4	2.1									4.2	6.1
W	1.7	1.4	1.9	.7								5.7	6.4
WNW	.7	1.2	1.9	.5								4.2	7.1
NW	.7	.5	1.9	.9								4.0	8.4
NNW	.9	1.4	3.3	.9								6.6	7.5
VARIABLE													
CALM	////////////////////											7.5	////
TOTALS	14.2	24.0	37.0	15.3	.9	.2						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 424

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 FROM HOURLY OBSERVATION*

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-86
 MONTH: DEC HOURS(UT): 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	2.9	4.3	1.4	1.4								10.1	6.3
NNE	5.8	2.9	2.9	1.4								13.0	5.6
NE	1.4	1.4		1.4								4.3	6.0
ENE													
E	1.4			1.4								2.9	7.0
ESE													
SE													
SSE													
S		2.9	2.9									5.8	6.0
SSW	2.9	8.7	4.3			1.4						17.4	6.9
SW	1.4	2.9										4.3	4.0
WSW	1.4	1.4	1.4									4.3	5.0
W		4.3										4.3	4.7
WNW	1.4											1.4	2.0
NW	1.4			1.4								2.9	7.5
NNW	1.4											1.4	2.0
VARIABLE													
CALM	////////////////////											27.5	////
TOTALS	21.7	29.0	13.0	7.2		1.4						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 69

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86
 MONTH: DEC 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	1.9	3.1	4.1	2.6	.4	.1						12.2	8.1
NNE	1.3	2.7	4.3	2.9	.1							11.3	8.3
NL	.7	2.0	1.7	1.5	.2	.0						6.1	8.2
NNE	.2	.7	.6	.1								1.7	6.5
E	.7	.6	.8	.0								2.1	5.7
ESE	.2	.4	.4	.0								1.0	6.1
SE	.2	.2	.2									.6	4.9
SSE	.2	.2	.1	.2								.8	6.9
S	1.7	2.4	1.8	.8	.1							6.4	6.8
SSW	1.3	2.7	3.4	1.5	.3	.1						9.2	8.0
SW	.7	2.3	3.5	2.0	.1							8.2	8.5
WSW	.6	1.9	2.2	1.3	.0							6.0	7.9
W	1.6	2.0	1.6	.6	.1							5.9	6.4
WNW	1.0	1.1	1.8	.6	.1							4.6	7.3
NW	.8	1.4	1.8	1.1								5.1	7.7
NNW	1.8	1.9	2.2	1.3	.3							7.5	7.5
VARIABLE													
CALM	////////////////////											11.5	////
TOTALS	14.1	25.5	30.4	16.5	1.7	.2						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 2098

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: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	1.7	2.7	3.6	1.8	.2	.1	.0					9.7	8.0
NNE	.9	2.7	4.2	2.1	.2	.0						10.1	8.3
NE	.7	1.9	2.8	1.3	.1	.0	.0					6.8	8.0
ENE	.5	1.4	1.7	.6	.0	.0						4.2	7.5
E	.7	1.9	1.6	.4	.0	.0						4.5	6.5
ESE	.5	1.0	.8	.1								2.3	6.1
SE	.7	.5	.3	.1	.0							1.1	5.9
SSE	.7	.5	.5	.2	.0	.0						1.6	6.8
S	.7	2.4	3.7	1.9	.2	.0						8.8	8.4
SSW	.8	1.8	3.1	2.5	.4	.1	.0					8.5	9.3
SW	.5	1.7	2.7	1.7	.2	.1	.0	.0				7.0	8.9
WSW	.5	1.4	1.8	1.0	.1	.0	.0	.0				4.9	8.1
W	1.2	2.2	1.5	.6	.0	.0						5.5	6.4
WNW	.7	1.6	1.2	.5	.1	.0	.0					4.3	6.7
NW	.7	1.3	1.3	.7	.1	.0	.0					4.1	7.4
NNW	.9	1.5	1.6	1.0	.1	.0	.0					5.1	7.7
VARIABLE													
CALM	////////////////////											11.3	////
TOTALS	11.7	26.4	32.4	16.5	1.6	.4	.1	.0				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 25960

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

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

CEILINGS 200 TO 1400 FEET WITH VISIBILITIES 1/2 MILE OR MORE
 AND/OR
 CEILINGS 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	1.7	3.5	6.1	3.1	.3	.1	.1					14.5	8.6
NNE	1.1	3.4	5.8	2.9	.5	.2	.2					14.0	8.9
NE	.9	2.0	2.4	1.2	.2	.0	.0					6.4	7.9
ENE	.5	1.0	1.7	1.0	.1							4.4	8.5
E	.2	1.0	1.0	.5	.0							2.8	7.4
ESE	.2	.5	.9	.3								2.0	7.9
SE	.2	.3	.4	.2	.0							1.2	7.5
SSE	.1	.5	.4	.3	.0	.0						1.5	8.5
S	.6	1.3	1.8	1.7	.3							5.8	9.2
SSW	.5	1.1	1.7	1.2	.6	.1						5.5	9.4
SW	.4	1.2	1.7	.9	.1							4.2	8.2
WSW	.5	.9	1.2	.3	.1	.0						3.1	7.4
W	1.2	1.7	.8	.4	.1	.0						4.2	6.5
WNW	1.0	1.3	1.0	.2	.0	.0						3.5	6.0
NW	.7	1.7	1.1	.5	.1							4.1	6.7
NNW	1.0	1.4	2.0	1.1	.3	.1	.0					5.9	8.3
VARIABLE													
CALM	////////////////////											16.7	////
TOTALS	11.0	22.8	30.0	16.0	2.8	.7	.1					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 3146

PPPPPP	AAAAA	RRRRRR	TTTTTT	DDDDDD
PPPPPP	AAAAAA	RRRRRR	TTTTTT	DDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPP	AA AA	RRRRRR	TT	DD DD
PPPPPP	AAAAAA	RRRRRR	TT	DD DD
PP	AAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD

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 1958, 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 TENTHS 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 TENTHS FOR PRESENTATION ARE:

CLEAR	-	0/10
SCATTERED	-	3/10
BROKEN	-	4/10
OVERCAST	-	10/10
OPSCURED	-	10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURPLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 1 1/4	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	
NO CEIL																	
GE 20000	46.5	48.9	50.6	51.6	52.3	53.0	54.0	54.0	54.0	54.5	54.7	54.7	55.2	55.2	55.5	56.0	
GE 18000	45.1	52.1	53.8	55.2	56.0	56.7	57.7	57.7	58.2	59.4	59.4	59.4	58.9	58.9	59.1	59.6	
GE 16000	45.4	52.3	54.3	55.5	56.2	56.9	57.9	57.9	58.4	58.6	58.6	58.6	59.1	59.1	59.4	59.9	
GE 14000	45.6	52.6	54.3	55.7	56.4	57.2	58.2	58.2	58.6	58.9	58.9	59.4	59.4	59.4	59.6	60.1	
GE 12000	45.4	53.3	55.0	56.4	57.2	57.9	58.9	58.9	59.4	59.6	59.6	60.1	60.1	60.1	60.3	60.8	
GE 10000	51.6	54.7	56.7	58.2	58.9	59.6	60.6	60.6	61.1	61.3	61.3	61.8	61.8	62.0	62.5		
GE 9000	52.6	56.7	58.6	60.1	60.8	61.6	62.5	62.5	63.0	63.3	63.3	63.7	63.7	64.0	64.5		
GE 8000	53.0	56.9	58.9	60.6	61.3	62.0	63.0	63.0	63.5	63.7	63.7	64.2	64.2	64.5	65.0		
GE 7000	54.7	59.1	61.1	62.8	63.5	64.2	65.2	65.2	65.7	65.9	65.9	66.4	66.4	66.7	67.2		
GE 6000	55.7	61.3	62.5	64.2	65.0	65.9	66.9	66.9	67.4	67.9	67.9	68.4	68.4	68.6	69.1		
GE 5000	56.4	61.1	63.3	65.2	65.9	66.9	67.9	67.9	68.4	69.6	69.6	70.1	70.3	70.8	70.8	71.8	
GE 4500	57.7	62.3	64.5	66.4	67.4	68.4	69.6	69.6	70.1	70.3	70.3	70.8	70.8	71.0	71.8		
GE 4000	57.7	62.3	64.5	66.4	67.4	68.4	69.6	69.6	70.1	70.3	70.3	70.8	70.8	71.0	71.8		
GE 3500	55.4	64.0	66.2	68.4	69.3	70.6	72.3	72.3	72.7	73.0	73.5	73.5	73.7	74.2	74.5	75.2	
GE 3000	59.4	64.5	66.7	68.9	69.6	71.3	73.0	73.0	73.5	73.7	73.7	74.2	74.2	74.5	75.2		
GE 2500	60.7	65.2	67.6	69.8	70.8	72.5	74.2	74.2	74.7	74.9	74.9	75.4	75.4	75.7	76.4		
GE 2000	60.6	65.7	68.1	70.8	71.8	73.5	75.2	75.2	75.7	75.9	75.9	76.4	76.4	76.6	77.4		
GE 1800	62.0	68.4	71.0	74.7	75.7	77.4	79.1	79.1	79.6	79.9	79.8	80.3	80.3	80.5	81.3		
GE 1600	62.0	68.4	71.0	74.7	75.7	77.4	79.1	79.1	79.6	79.8	79.8	80.3	80.3	80.5	81.3		
GE 1400	62.5	68.9	71.8	76.2	77.1	79.8	81.8	81.8	82.5	82.7	82.7	83.2	83.2	83.5	84.2		
GE 1200	63.0	69.6	72.5	77.4	78.3	81.0	83.0	83.0	83.7	83.9	83.9	84.4	84.4	84.7	85.4		
GE 1000	63.3	71.5	74.5	79.6	80.5	83.5	85.6	85.6	86.4	86.6	86.6	87.1	87.1	87.3	88.1		
GE 900	63.3	71.8	74.7	80.0	81.0	83.9	86.1	86.1	86.9	87.1	87.1	87.6	87.6	87.8	88.6		
GE 800	63.7	72.7	75.7	81.3	82.7	85.6	87.8	87.8	89.1	89.3	89.3	89.9	89.9	90.0	90.8		
GE 700	63.7	72.7	75.7	81.3	82.7	85.6	88.1	88.1	89.3	89.8	89.8	90.3	90.3	90.5	91.3		
GE 600	63.7	72.7	75.9	81.5	83.5	86.6	89.1	89.1	90.3	91.0	91.0	91.5	91.5	91.7	92.5		
GE 500	64.2	73.2	76.4	83.2	85.2	88.6	91.5	91.5	93.4	94.6	94.6	95.1	95.1	95.4	96.2		
GE 400	64.2	73.2	76.4	83.2	85.2	89.1	92.0	92.0	94.4	95.6	95.6	96.1	96.1	96.4	97.2		
GE 300	64.2	73.2	76.4	83.7	85.6	89.5	93.2	93.2	95.6	97.1	97.1	98.1	98.1	98.3	99.1		
GE 200	64.2	73.2	76.4	83.7	85.6	89.5	93.2	93.2	95.6	97.1	97.1	98.1	98.1	98.3	99.1		
GE 100	64.2	73.2	76.4	83.7	85.6	89.5	93.2	93.2	95.6	97.1	97.1	98.1	98.1	98.3	99.1		
GE 0	64.2	73.2	76.4	83.7	85.6	89.5	93.2	93.2	95.6	97.1	97.1	98.1	98.1	98.3	99.1		

TOTAL NUMBER OF OBSERVATIONS: 411

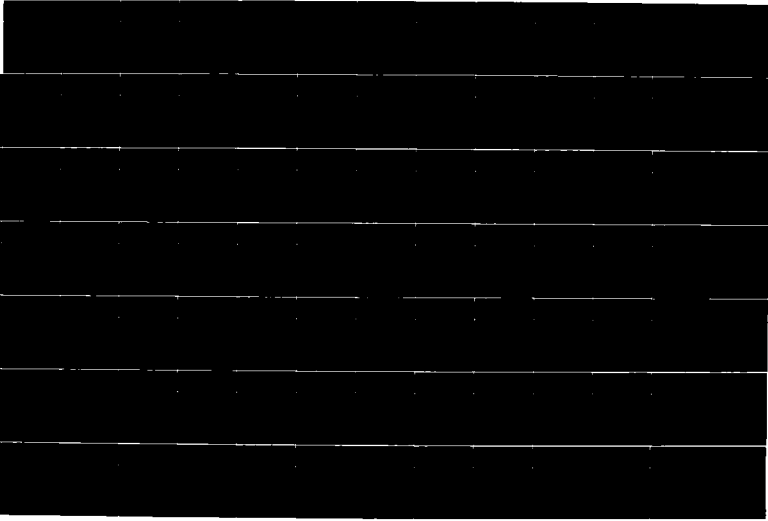
AD-A190 726

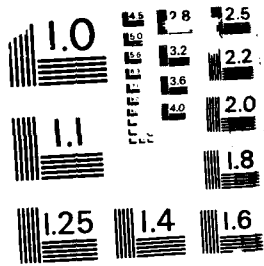
DARE COUNTY GUNNERY RANGE NORTH CAROLINA LIMITED
SURFACE OBSERVATIONS CL. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT AFB JAN 88
UNSAFE/TAC/DS-88/884

2/3

F/C 4/2

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87

MONTH: JAN HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	50.2	52.7	53.2	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	
GE 20000	54.0	57.0	57.5	57.9	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	
GE 18000	54.4	57.5	57.9	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	
GE 16000	54.4	57.5	57.9	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	
GE 14000	55.9	59.0	59.5	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	
GE 12000	57.0	60.2	60.6	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	
GE 10000	58.7	62.9	63.3	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	
GE 9000	58.9	63.0	63.5	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	
GE 8000	60.6	65.2	65.9	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	
GE 7000	61.6	66.2	66.8	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	
GE 6000	62.5	68.3	69.4	70.0	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	
GE 5000	64.1	70.2	71.3	72.2	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	
GE 4500	64.1	70.2	71.3	72.2	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	
GE 4000	64.8	70.8	71.9	72.9	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	
GE 3500	64.9	71.1	72.2	73.5	74.1	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	
GE 3000	66.0	72.9	74.1	75.6	76.2	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	
GE 2500	67.8	74.8	76.2	77.8	78.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	
GE 2000	68.9	76.7	78.1	79.7	80.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	
GE 1800	69.0	76.8	78.3	79.8	80.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	
GE 1500	69.5	78.1	79.8	81.9	83.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	
GE 1200	69.5	78.6	80.3	82.4	83.7	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	
GE 1000	70.8	80.0	81.9	84.3	85.6	87.3	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	
GE 900	71.0	80.2	82.1	84.6	86.0	87.8	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	
GE 800	71.4	81.0	82.9	85.6	87.0	88.9	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	
GE 700	71.6	81.1	83.2	85.9	87.6	89.8	90.8	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	
GE 600	71.6	81.1	83.2	86.3	88.3	90.6	91.6	91.7	91.9	92.4	92.4	92.4	92.4	92.5	92.5	92.5	
GE 500	72.2	82.1	84.3	88.1	90.0	92.7	94.3	94.4	96.0	96.7	96.7	97.0	97.1	97.1	97.1	97.1	
GE 400	72.2	82.1	84.4	88.3	90.3	93.0	95.1	95.2	97.0	97.6	97.6	97.9	98.1	98.1	98.1	98.1	
GE 300	72.2	82.1	84.6	88.4	90.5	93.2	95.6	95.7	97.6	98.6	98.6	99.0	99.2	99.2	99.2	99.2	
GE 200	72.2	82.1	84.6	88.4	90.6	93.3	95.9	96.0	97.9	98.9	98.9	99.4	99.5	99.5	99.5	99.5	
GE 100	72.2	82.1	84.6	88.4	90.6	93.3	95.9	96.0	97.9	98.9	98.9	99.4	99.5	99.5	99.5	99.5	
GE 0	72.2	82.1	84.6	88.4	90.6	93.3	95.9	96.0	97.9	98.9	98.9	99.4	99.5	99.8	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE 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	51.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 20000	58.6	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 18000	59.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 16000	59.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 14000	60.1	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 12000	61.1	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 10000	64.3	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 9000	64.4	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 8000	67.4	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 7000	68.5	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 6000	69.4	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 5000	70.8	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 4500	70.8	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4000	71.5	74.6	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 3500	72.0	76.1	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 3000	74.1	78.3	78.9	79.1	79.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 2500	74.8	79.1	79.9	80.6	80.6	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 2000	75.6	80.1	80.9	81.5	81.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 1800	75.6	80.2	81.1	81.7	81.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 1500	76.1	82.2	83.0	84.0	84.2	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1200	76.1	82.2	83.4	84.5	84.7	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1000	76.3	82.4	83.9	85.3	85.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 900	76.3	82.4	84.2	85.7	86.2	88.1	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 800	76.3	82.5	84.3	86.0	86.5	89.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 700	76.3	82.5	84.3	86.2	86.8	89.8	91.6	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 600	76.4	82.9	84.7	86.5	87.3	90.3	92.3	92.3	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 500	76.8	83.4	85.8	88.0	88.8	92.4	95.2	95.2	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0
GE 400	76.8	83.4	86.0	88.1	89.0	92.6	95.9	95.9	97.5	97.7	97.7	97.9	97.9	97.9	97.9	97.9
GE 300	76.9	83.5	86.3	88.5	89.5	93.7	97.2	97.2	99.0	99.3	99.3	99.5	99.5	99.5	99.5	99.5
GE 200	76.9	83.5	86.3	88.5	89.5	93.7	97.2	97.2	99.0	99.3	99.3	99.8	100.0	100.0	100.0	100.0
GE 100	76.9	83.5	86.3	88.5	89.5	93.7	97.2	97.2	99.0	99.3	99.3	99.8	100.0	100.0	100.0	100.0
GE 0	76.9	83.5	86.3	88.5	89.5	93.7	97.2	97.2	99.0	99.3	99.3	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 607

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	56.1	57.9	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 20000	62.6	64.6	65.1	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 18000	62.8	64.9	65.3	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 16000	62.8	64.9	65.3	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 14000	63.1	65.1	65.5	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 12000	66.4	68.5	68.9	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 10000	69.1	71.6	72.1	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 9000	69.6	72.1	72.5	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 8000	71.8	75.0	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 7000	73.2	76.4	76.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 6000	73.4	76.8	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 5000	75.0	78.6	79.5	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 4500	75.2	79.1	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 4000	75.7	79.7	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 3500	77.0	81.5	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3000	77.9	82.7	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 2500	80.6	85.6	86.9	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 2000	80.6	85.6	87.2	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1800	80.9	85.8	87.4	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1500	81.5	86.5	88.7	90.1	90.1	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1200	81.8	86.7	89.2	90.5	90.5	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1000	91.8	86.7	89.2	91.0	91.0	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 900	81.8	86.7	89.2	91.0	91.0	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 800	81.8	86.9	89.6	91.4	91.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 700	81.8	86.9	89.6	91.9	92.1	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 600	81.8	86.9	89.6	91.9	92.1	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 500	82.9	88.1	91.4	94.1	94.4	96.8	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 400	82.9	88.1	91.4	94.1	94.4	96.8	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 300	92.9	88.1	91.4	94.1	94.4	97.1	98.2	98.2	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9
GE 200	92.9	88.1	91.4	94.1	94.4	97.3	98.4	98.4	98.9	98.9	99.1	99.5	100.0	100.0	100.0	100.0
GE 100	92.9	88.1	91.4	94.1	94.4	97.3	98.4	98.4	98.9	98.9	99.1	99.5	100.0	100.0	100.0	100.0
GE 0	82.9	88.1	91.4	94.1	94.4	97.3	98.4	98.4	98.9	99.1	99.5	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 444

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-87
 MONTH: JAN HOURS(IST): 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	64.4	67.1	68.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 2000	71.2	74.0	75.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 1800	71.2	74.0	75.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 1600	71.2	74.0	75.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 1400	71.2	74.0	75.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 1200	75.3	78.1	79.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 1000	80.8	83.6	84.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 900	80.8	83.6	84.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 800	80.8	83.6	84.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 700	80.8	83.6	84.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 600	80.8	83.6	84.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 500	82.2	84.9	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 450	82.2	84.9	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 400	82.2	84.9	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 350	82.2	84.9	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 300	83.6	87.7	90.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 250	84.9	89.0	91.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 200	84.9	89.0	91.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1800	84.9	89.0	91.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1700	84.9	89.0	93.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1600	84.9	89.0	93.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1500	84.9	89.0	93.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1400	84.9	89.0	93.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1300	84.9	89.0	93.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1200	84.9	89.0	93.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1100	84.9	89.0	93.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1000	84.9	89.0	93.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 900	84.9	89.0	93.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 800	86.3	90.4	94.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 700	86.3	90.4	94.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 600	86.3	90.4	94.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 500	86.3	90.4	94.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 400	86.3	90.4	94.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 300	86.3	90.4	94.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 200	86.3	90.4	94.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 100	86.3	90.4	94.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 0	86.3	90.4	94.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9

TOTAL NUMBER OF OBSERVATIONS: 73

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	51.5	53.5	54.1	54.5	54.7	54.8	55.0	55.0	55.0	55.1	55.2	55.2	55.2	55.2	55.3	55.4
GE 20000	56.7	59.0	59.6	60.2	60.4	60.6	60.7	60.7	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.1
GE 18000	57.3	59.6	60.2	60.7	61.0	61.1	61.3	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61.6	61.7
GE 16000	57.3	59.6	60.2	60.8	61.0	61.2	61.3	61.3	61.4	61.5	61.5	61.6	61.6	61.6	61.6	61.7
GE 14000	58.0	60.5	61.1	61.6	61.8	62.0	62.2	62.2	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.5
GE 12000	59.7	62.2	62.8	63.4	63.6	63.7	63.9	63.9	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.3
GE 10000	62.0	65.2	65.9	66.4	66.7	66.8	67.0	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.3	67.3
GE 9000	62.3	65.4	66.1	66.7	66.9	67.1	67.3	67.3	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.6
GE 8000	64.4	68.0	68.7	69.3	69.6	69.7	69.9	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.2	70.3
GE 7500	65.5	69.1	69.9	70.5	70.8	70.9	71.1	71.1	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.5
GE 6000	66.1	70.2	71.1	71.8	72.1	72.2	72.4	72.4	72.5	72.5	72.6	72.6	72.7	72.7	72.7	72.8
GE 5000	67.6	71.8	72.9	73.7	74.0	74.2	74.5	74.5	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.9
GE 4500	67.7	72.0	73.1	73.9	74.2	74.4	74.6	74.6	74.7	74.9	74.8	74.9	74.9	74.9	74.9	75.1
GE 4000	68.5	72.9	74.0	74.9	75.2	75.5	75.8	75.8	75.9	75.9	75.9	76.0	76.0	76.0	76.1	76.2
GE 3500	69.0	73.9	75.2	76.1	76.5	77.0	77.3	77.3	77.4	77.5	77.5	77.6	77.6	77.6	77.7	77.7
GE 3000	70.3	75.4	76.8	77.9	78.2	79.0	79.3	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.6	79.7
GE 2500	71.6	77.0	78.4	79.8	80.2	81.1	81.4	81.4	81.5	81.6	81.6	81.7	81.7	81.7	81.7	81.8
GE 2000	72.4	78.3	79.9	81.4	81.8	82.9	83.2	83.2	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.6
GE 1800	72.5	78.4	80.0	81.6	82.0	83.0	83.4	83.4	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.8
GE 1500	73.0	79.6	81.5	83.5	84.1	85.5	86.0	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.3	86.4
GE 1200	73.2	79.9	81.9	84.1	84.7	86.2	86.7	86.7	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.2
GE 1000	73.6	80.7	82.9	85.4	86.1	88.1	88.9	88.9	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.4
GE 900	73.7	80.8	83.1	85.7	86.4	88.4	89.3	89.3	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.8
GE 800	73.9	81.4	83.7	86.4	87.3	89.6	90.7	90.7	91.0	91.0	91.0	91.1	91.1	91.1	91.2	91.3
GE 700	74.0	81.4	83.8	86.7	87.7	90.2	91.5	91.6	91.9	92.1	92.1	92.2	92.2	92.2	92.2	92.4
GE 600	74.0	81.5	83.9	86.9	88.1	90.8	92.1	92.2	92.6	92.9	92.9	93.0	93.0	93.1	93.1	93.3
GE 500	74.6	82.3	85.0	88.6	89.8	92.9	94.8	94.9	96.2	96.7	96.7	96.9	97.0	97.0	97.1	97.1
GE 400	74.6	82.3	85.1	88.7	90.0	93.2	95.3	95.4	96.9	97.4	97.4	97.6	97.6	97.7	97.8	97.8
GE 300	74.7	82.3	85.3	89.0	90.3	93.7	96.3	96.3	97.9	98.6	98.6	99.0	99.0	99.1	99.2	99.2
GE 200	74.7	82.3	85.3	89.0	90.3	93.8	96.4	96.4	98.1	98.8	98.8	99.4	99.5	99.6	99.7	99.7
GE 100	74.7	82.3	85.3	89.0	90.3	93.8	96.4	96.4	98.1	98.8	98.8	99.4	99.5	99.6	99.7	99.7
GE G	74.7	82.3	85.3	89.0	90.3	93.8	96.4	96.4	98.1	98.8	98.8	99.4	99.5	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 2165

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM FOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 78-87
 MONTH: FEB HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	35.3	38.2	41.3	43.9	43.9	44.8	45.7	45.7	46.0	46.0	46.0	46.2	46.5	47.7	49.1	
GE 20000	37.0	40.2	43.6	46.2	46.2	47.1	48.0	48.0	48.3	48.3	48.3	48.6	48.8	50.3	52.3	
GE 18000	37.0	40.2	43.6	46.2	46.2	47.1	48.0	48.0	48.3	48.3	48.3	48.6	48.8	50.3	52.3	
GE 16000	37.0	40.2	43.6	46.2	46.2	47.1	48.0	48.0	48.3	48.3	48.3	48.6	48.8	50.3	52.3	
GE 14000	38.4	41.6	45.1	47.7	47.7	48.6	49.4	49.4	49.7	49.7	49.7	50.0	50.3	51.7	53.8	
GE 12000	40.2	43.4	47.1	50.3	50.3	51.2	52.0	52.0	52.3	52.3	52.3	52.6	52.9	54.3	56.4	
GE 10000	43.9	47.4	51.2	54.6	54.6	55.5	56.4	56.4	56.6	56.6	56.6	56.9	57.2	58.7	60.7	
GE 9000	44.2	47.7	51.4	54.9	54.9	55.8	56.6	56.6	56.9	56.9	56.9	57.2	57.5	59.0	61.0	
GE 8000	46.0	50.3	54.3	58.1	58.1	59.0	59.8	59.8	60.1	60.1	60.1	60.4	60.7	62.1	64.2	
GE 7000	46.2	50.9	54.9	58.7	58.7	59.5	60.4	60.4	61.0	61.0	61.0	61.3	61.6	63.0	65.0	
GE 6000	46.8	52.0	56.1	59.8	59.8	60.7	61.6	61.6	62.1	62.1	62.1	62.4	62.7	64.2	66.2	
GE 5000	48.3	53.5	57.8	62.1	62.1	63.0	63.9	63.9	64.5	64.5	64.5	64.7	65.0	66.5	68.5	
GE 4500	48.3	53.5	57.8	62.1	62.1	63.0	63.9	63.9	64.5	64.5	64.5	64.7	65.0	66.5	68.5	
GE 4000	48.4	54.9	59.5	63.9	63.9	64.7	65.6	65.6	66.2	66.2	66.2	66.5	66.8	68.2	70.2	
GE 3500	50.0	56.1	60.7	65.0	65.0	65.9	66.8	66.8	67.3	67.3	67.3	67.6	67.9	69.4	71.4	
GE 3000	51.2	57.8	62.7	67.6	67.6	68.5	69.4	69.4	69.9	69.9	69.9	70.2	70.5	72.0	74.0	
GE 2500	52.3	59.2	64.2	69.4	69.4	70.5	71.4	71.4	72.0	72.0	72.0	72.5	72.8	74.6	76.9	
GE 2000	52.9	61.3	66.2	71.4	71.4	72.8	73.7	73.7	74.3	74.3	74.3	74.9	75.1	76.9	79.2	
GE 1800	52.9	61.3	66.2	71.4	71.4	72.8	73.7	73.7	74.3	74.3	74.3	74.9	75.1	76.9	79.2	
GE 1500	52.9	61.3	66.5	72.8	72.8	74.9	76.0	76.0	77.2	77.2	77.2	77.7	78.0	79.8	82.1	
GE 1200	52.9	61.3	66.5	73.1	73.1	75.1	76.3	76.3	78.0	78.0	78.0	78.6	78.9	80.6	82.9	
GE 1000	54.0	62.4	67.9	74.9	74.9	77.2	78.3	78.3	80.1	80.1	80.1	80.9	81.2	82.9	85.3	
GE 900	54.0	62.4	67.9	74.9	74.9	77.2	78.3	78.3	80.3	80.3	80.3	81.2	81.5	83.2	85.5	
GE 800	54.0	62.4	67.9	74.9	74.9	77.2	78.3	78.3	80.3	80.3	80.3	81.2	81.5	83.2	85.5	
GE 700	54.0	62.4	67.9	74.9	75.1	78.6	80.1	80.1	82.9	82.9	82.9	83.8	84.1	85.8	88.2	
GE 600	54.0	62.4	67.9	74.9	75.1	79.5	81.2	81.2	84.4	84.4	84.4	85.3	85.5	87.3	89.6	
GE 500	54.6	63.0	68.8	75.7	76.0	80.6	82.4	82.4	85.5	85.5	85.5	86.4	86.7	88.4	90.8	
GE 400	54.6	63.0	68.8	76.6	76.9	81.5	83.8	83.8	87.3	87.3	87.3	88.4	88.7	91.3	93.6	
GE 300	54.6	63.0	68.8	77.2	77.5	82.7	86.1	86.1	89.9	89.9	89.9	91.3	91.6	94.2	96.8	
GE 200	54.6	63.0	68.8	77.2	77.5	82.7	86.1	86.1	90.2	90.2	90.2	91.6	91.9	94.8	98.0	
GE 100	54.6	63.0	68.8	77.2	77.5	82.7	86.1	86.1	90.2	90.2	90.2	91.6	91.9	94.8	99.4	
GE 0	54.6	63.0	68.8	77.2	77.5	82.7	86.1	86.1	90.2	90.2	90.2	91.6	91.9	94.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 346

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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		43.9	46.8	47.1	47.3	47.3	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.7	47.7	47.7	47.7
GE 20000		48.4	51.4	51.8	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.9	52.9	52.9	52.9
GE 18000		49.6	52.7	53.2	53.6	53.6	53.6	53.8	53.8	53.8	53.8	53.8	53.8	54.3	54.3	54.3	54.3
GE 16000		49.6	52.7	53.2	53.6	53.6	53.6	53.8	53.8	53.8	53.8	53.8	53.8	54.3	54.3	54.3	54.3
GE 14000		50.0	53.0	53.6	53.9	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.7	54.7	54.7	54.7
GE 12000		50.7	54.1	54.7	55.0	55.0	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.7	55.7	55.7	55.7
GE 10000		53.0	57.2	57.7	58.4	58.4	58.6	58.8	58.8	58.8	58.8	58.8	59.3	59.3	59.3	59.3	59.3
GE 9000		53.9	58.2	58.8	59.5	59.5	59.7	59.9	59.9	59.9	59.9	59.9	60.4	60.4	60.4	60.4	60.4
GE 8000		57.9	62.7	63.8	64.7	64.7	65.1	65.2	65.2	65.2	65.2	65.2	65.8	65.8	65.8	65.8	65.8
GE 7000		59.0	64.0	65.1	66.1	66.1	66.5	66.7	66.7	66.7	66.7	66.7	67.2	67.2	67.2	67.2	67.2
GE 6000		59.3	64.5	65.6	66.7	66.7	67.0	67.2	67.2	67.2	67.2	67.2	67.7	67.7	67.7	67.7	67.7
GE 5000		61.1	66.3	67.6	68.6	68.6	69.0	69.2	69.2	69.2	69.2	69.2	69.7	69.7	69.7	69.7	69.7
GE 4500		61.1	66.3	67.6	68.6	68.6	69.0	69.2	69.2	69.2	69.2	69.2	69.7	69.7	69.7	69.7	69.7
GE 4000		62.7	68.3	69.7	71.0	71.0	71.3	71.5	71.5	71.5	71.5	71.5	72.0	72.0	72.0	72.0	72.0
GE 3500		64.0	69.5	71.1	72.8	72.8	73.1	73.3	73.3	73.3	73.3	73.3	73.8	73.8	73.8	73.8	73.8
GE 3000		65.9	71.7	73.7	75.3	75.4	76.0	76.2	76.2	76.2	76.2	76.2	76.7	76.7	76.7	76.7	76.7
GE 2500		66.3	72.2	74.2	75.8	76.0	76.7	77.1	77.1	77.1	77.1	77.1	78.0	78.0	78.0	78.0	78.0
GE 2000		67.9	74.7	76.7	78.7	78.9	79.6	79.9	79.9	79.9	79.9	80.1	81.0	81.0	81.0	81.0	81.0
GE 1800		68.3	75.1	77.1	79.0	79.2	79.9	80.3	80.3	80.3	80.3	80.5	81.4	81.4	81.4	81.4	81.4
GE 1500		68.8	76.3	78.7	80.6	80.8	82.1	82.4	82.4	82.4	82.4	82.8	83.7	83.7	83.7	83.7	83.7
GE 1200		69.0	76.5	79.0	81.4	81.5	82.8	83.2	83.2	83.2	83.2	83.5	84.4	84.4	84.4	84.4	84.4
GE 1000		69.5	77.6	80.1	83.0	83.2	84.8	85.5	85.5	85.5	85.8	85.8	86.9	86.9	86.9	86.9	86.9
GE 900		69.5	78.0	80.5	83.5	83.7	85.3	86.0	86.0	86.0	86.4	86.4	87.5	87.5	87.5	87.5	87.5
GE 800		69.7	78.1	80.8	83.9	84.2	86.2	87.1	87.1	87.1	87.6	87.6	88.7	88.7	88.9	88.9	88.9
GE 700		69.7	78.1	81.7	84.9	85.3	88.0	88.9	88.9	89.1	89.4	89.4	90.5	90.7	91.0	91.0	91.0
GE 600		69.7	78.1	82.3	86.0	86.6	89.8	90.7	90.7	91.2	91.6	91.6	92.7	92.8	93.2	93.2	93.2
GE 500		69.9	78.5	83.0	87.8	88.4	91.8	92.7	92.7	93.7	94.1	94.1	95.2	95.3	95.7	95.7	95.7
GE 400		69.9	78.5	83.2	88.0	88.5	91.9	92.8	92.8	93.9	94.3	94.3	95.3	95.5	96.2	96.2	96.2
GE 300		69.9	78.7	83.5	88.7	89.4	93.0	94.6	94.6	95.7	96.1	96.1	97.7	97.8	98.6	98.6	98.6
GE 200		69.9	78.7	83.5	88.7	89.4	93.0	94.6	94.6	95.7	96.1	96.1	97.7	98.2	99.5	99.5	99.5
GE 100		69.9	78.7	83.5	88.7	89.4	93.0	94.6	94.6	95.7	96.1	96.1	97.7	98.6	99.8	100.0	100.0
GE 0		69.9	78.7	83.5	88.7	89.4	93.0	94.6	94.6	95.7	96.1	96.1	97.7	98.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 558

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	42.3	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 20000	50.5	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 18000	51.4	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 16000	51.4	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 14000	52.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 12000	54.1	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 10000	57.0	59.3	59.5	59.5	59.5	59.5	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 9000	57.3	59.6	59.8	59.8	59.8	59.8	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 8000	60.0	62.9	63.2	63.4	63.4	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 7000	61.1	63.9	64.3	65.0	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 6000	62.1	65.0	65.4	66.1	66.1	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 5000	63.0	66.3	66.8	67.5	67.5	67.5	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 4500	63.4	67.0	67.5	68.2	68.2	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 4000	64.8	68.9	69.5	70.4	70.4	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 3500	67.1	71.4	72.0	72.9	73.0	73.0	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 3000	70.5	75.4	75.9	77.0	77.1	77.1	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 2500	71.8	76.8	77.3	79.1	79.3	79.3	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 2000	72.7	78.4	79.5	81.3	81.4	81.4	82.3	83.0	83.0	83.0	83.4	83.4	83.4	83.4	83.4	83.4
GE 1800	72.7	78.4	79.5	81.4	81.6	81.6	82.5	83.2	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6
GE 1500	74.5	81.1	82.1	84.1	84.3	84.3	85.5	86.4	86.4	86.4	86.8	86.8	86.8	86.8	86.8	86.8
GE 1200	74.8	81.8	83.0	85.0	85.2	85.2	86.4	87.3	87.3	87.3	87.7	87.7	87.7	87.7	87.7	87.7
GE 1000	74.8	82.3	83.9	86.3	86.4	86.4	88.2	89.1	89.1	89.1	89.5	89.5	89.5	89.5	89.5	89.5
GE 900	74.8	82.9	84.5	86.8	87.0	87.0	89.1	90.0	90.0	90.0	90.4	90.4	90.4	90.4	90.4	90.4
GE 800	75.2	83.2	85.0	87.3	87.7	87.7	90.4	91.3	91.3	91.3	91.8	91.8	91.8	91.8	91.8	91.8
GE 700	75.2	83.8	85.7	88.0	88.4	88.4	91.4	92.3	92.3	92.3	93.0	93.0	93.0	93.0	93.0	93.0
GE 600	75.2	84.1	86.1	88.6	88.9	88.9	92.3	93.2	93.2	93.2	93.9	93.9	93.9	93.9	93.9	93.9
GE 500	76.1	85.9	89.1	92.1	92.7	92.7	96.4	97.3	97.3	97.3	98.0	98.0	98.0	98.4	98.4	98.4
GE 400	76.1	85.9	89.1	92.1	92.7	92.7	96.4	97.3	97.3	97.3	98.0	98.0	98.0	98.4	98.4	98.4
GE 300	76.1	85.9	89.3	92.5	93.0	93.0	97.1	98.0	98.0	98.0	98.8	98.8	98.8	99.1	99.1	99.1
GE 200	76.1	85.9	89.3	92.5	93.0	93.0	97.1	98.0	98.0	98.0	98.8	98.8	98.8	99.1	99.1	99.1
GE 100	76.1	85.9	89.3	92.5	93.2	93.2	97.3	98.2	98.2	98.2	98.9	98.9	98.9	99.3	99.3	99.3
GE 71	76.1	85.9	89.3	92.5	93.2	93.2	97.3	98.2	98.2	98.2	98.9	98.9	98.9	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 560

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	48.4	49.6	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 20000	57.6	59.2	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 18000	58.3	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 16000	58.3	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 14000	58.8	60.4	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 12000	61.9	63.5	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 10000	66.9	68.8	69.5	69.5	69.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 9000	66.9	68.8	69.5	69.5	69.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 8000	69.8	72.2	72.9	72.9	72.9	72.9	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 7000	70.7	73.1	74.6	74.6	74.6	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 6000	71.0	73.6	75.1	75.1	75.1	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 5000	72.7	75.8	77.2	77.2	77.2	77.2	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 4500	73.6	76.7	78.2	78.2	78.2	78.2	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 4000	74.8	77.9	79.4	79.4	79.4	79.4	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 3500	76.0	79.4	80.8	80.8	80.8	80.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 3000	77.2	80.8	82.5	82.5	82.5	82.5	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 2500	78.7	82.7	84.4	84.4	84.4	84.4	84.9	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2000	80.3	84.4	86.1	86.1	86.1	86.1	86.6	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1800	80.3	84.4	86.1	86.1	86.1	86.1	86.6	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1500	81.5	84.9	86.6	86.6	86.6	86.6	87.3	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1200	81.5	85.6	87.3	87.3	87.3	87.3	88.0	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1000	82.3	86.8	89.2	89.2	89.2	89.2	90.4	90.9	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 900	82.3	87.1	89.4	89.4	89.4	89.4	90.6	91.1	91.8	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 800	83.0	87.8	90.4	90.4	90.4	90.4	92.3	92.8	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 700	83.0	88.2	90.9	90.9	90.9	90.9	92.8	93.3	94.5	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 600	83.0	88.2	91.4	91.4	91.4	91.4	93.3	93.8	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 500	83.5	88.7	92.3	92.3	92.3	92.3	95.0	95.4	96.6	97.6	97.6	98.1	98.1	98.1	98.1	98.1
GE 400	83.5	88.7	92.3	92.3	92.3	92.3	95.0	95.4	96.6	97.6	97.6	98.1	98.1	98.1	98.1	98.1
GE 300	83.5	88.7	92.3	92.3	92.3	92.3	95.2	95.7	96.9	97.8	97.8	98.6	98.6	98.6	98.6	98.6
GE 200	83.5	88.7	92.3	92.3	92.3	92.3	95.2	95.7	96.9	97.8	97.8	98.1	98.6	98.6	98.6	98.6
GE 100	83.5	88.7	92.3	92.3	92.3	92.3	95.2	95.7	96.9	97.8	97.8	98.1	98.6	98.6	98.6	98.6
GE 0	83.5	88.7	92.3	92.3	92.3	92.3	95.2	95.7	96.9	97.8	97.8	98.1	98.6	98.6	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 417

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-87
 MONTH: FEB HOURS(LST): 1800-2000

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	VISIBILITY IN STATUTE MILES										
							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	1.1	55.3	56.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 20000	1.1	60.6	61.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.6	63.8	63.8	63.8	63.8
GE 18000	1.1	61.7	62.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 16000	1.1	61.7	62.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 14000	1.1	62.8	63.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 12000	1.1	64.9	66.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 10000	1.1	70.2	72.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 9000	1.1	70.2	72.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 8000	1.1	72.3	74.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 7000	1.1	72.3	74.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 6000	1.1	74.5	76.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 5000	1.1	74.5	76.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 4500	1.1	75.5	78.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 4000	1.1	76.6	79.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 3500	1.1	78.7	81.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 3000	1.1	83.0	86.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 2500	1.1	86.2	89.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 2000	1.1	86.2	89.4	92.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1800	1.1	86.2	89.4	92.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1500	1.1	86.2	89.4	92.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1200	1.1	88.3	91.5	94.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1000	1.1	88.3	91.5	94.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 900	1.1	88.3	91.5	94.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 800	1.1	88.3	91.5	94.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 700	1.1	88.3	91.5	94.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 600	1.1	88.3	91.5	94.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 500	1.1	88.3	91.5	94.7	98.9	98.9	98.9	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	1.1	88.3	91.5	94.7	98.9	98.9	98.9	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	1.1	88.3	91.5	94.7	98.9	98.9	98.9	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	1.1	88.3	91.5	94.7	98.9	98.9	98.9	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	1.1	88.3	91.5	94.7	98.9	98.9	98.9	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70	1.1	88.3	91.5	94.7	98.9	98.9	98.9	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 94

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	.1	43.4	45.5	46.3	46.8	46.8	47.0	47.2	47.2	47.2	47.2	47.2	47.3	47.4	47.6	47.8	
GE 20000	.1	45.5	52.0	52.9	53.5	53.5	53.6	53.8	53.8	53.9	53.9	53.9	54.1	54.1	54.4	54.7	
GE 18000	.1	50.3	52.8	53.8	54.3	54.3	54.5	54.7	54.7	54.7	54.7	54.7	54.9	55.0	55.2	55.6	
GE 16000	.1	50.3	52.8	53.8	54.3	54.3	54.5	54.7	54.7	54.7	54.7	54.7	54.9	55.0	55.2	55.6	
GE 14000	.1	51.2	53.7	54.7	55.2	55.2	55.4	55.6	55.6	55.6	55.6	55.6	55.9	55.9	56.2	56.5	
GE 12000	.1	52.9	55.4	56.5	57.1	57.1	57.3	57.5	57.5	57.5	57.5	57.5	57.7	57.8	58.0	58.4	
GE 10000	.1	56.3	59.2	60.4	61.2	61.2	61.5	61.7	61.7	61.8	61.8	61.8	62.0	62.0	62.3	62.6	
GE 9000	.1	56.7	59.7	60.8	61.6	61.6	62.0	62.2	62.2	62.2	62.2	62.2	62.4	62.5	62.7	63.1	
GE 8000	.1	59.6	63.1	64.5	65.5	65.5	65.9	66.1	66.1	66.2	66.2	66.2	66.4	66.4	66.7	67.0	
GE 7000	.1	60.5	64.1	65.6	66.8	66.8	67.2	67.4	67.4	67.5	67.5	67.5	67.7	67.8	68.1	68.4	
GE 6000	.1	61.1	65.0	66.5	67.6	67.6	68.1	68.3	68.3	68.4	68.4	68.4	68.6	68.7	68.9	69.3	
GE 5000	.1	62.5	66.5	68.2	69.5	69.5	69.9	70.1	70.1	70.2	70.2	70.2	70.4	70.5	70.7	71.1	
GE 4500	.1	62.8	67.0	68.7	70.0	70.0	70.4	70.6	70.6	70.7	70.7	70.7	70.9	71.0	71.2	71.6	
GE 4000	.1	64.2	68.7	70.5	71.8	71.8	72.3	72.5	72.5	72.6	72.6	72.6	72.8	72.9	73.1	73.5	
GE 3500	.1	65.7	70.4	72.3	73.7	73.8	74.3	74.5	74.5	74.6	74.6	74.6	74.8	74.8	75.1	75.4	
GE 3000	.1	67.8	72.9	75.0	76.6	76.7	77.3	77.5	77.5	77.6	77.6	77.6	77.8	77.9	78.1	78.5	
GE 2500	.1	69.0	74.3	76.4	78.3	78.4	79.2	79.5	79.5	79.6	79.6	79.6	79.9	80.0	80.3	80.7	
GE 2000	.1	70.1	76.2	78.4	80.5	80.7	81.5	82.0	82.0	82.2	82.2	82.2	82.4	82.4	82.8	83.4	
GE 1800	.1	70.2	76.3	78.5	80.7	80.8	81.7	82.2	82.2	82.4	82.4	82.4	82.8	82.8	83.1	83.5	
GE 1500	.1	71.0	77.5	79.8	82.3	82.5	83.7	84.3	84.3	84.6	84.7	84.7	85.1	85.1	85.4	85.8	
GE 1200	.1	71.4	78.0	80.5	83.0	83.2	84.5	85.1	85.1	85.5	85.6	85.6	85.9	86.0	86.3	86.7	
GE 1000	.1	71.9	78.9	81.7	84.7	84.9	86.4	87.2	87.2	87.6	87.7	87.7	88.3	88.3	88.6	89.0	
GE 900	.1	71.9	79.2	82.0	85.1	85.3	86.9	87.7	87.7	88.2	88.3	88.3	88.8	88.8	89.1	89.5	
GE 800	.1	72.2	79.5	82.4	85.7	86.0	88.2	89.1	89.1	89.7	89.8	89.8	90.3	90.3	90.7	91.1	
GE 700	.1	72.2	79.7	83.0	86.3	86.7	89.2	90.1	90.1	90.8	90.9	90.9	91.4	91.5	91.9	92.4	
GE 600	.1	72.2	79.8	83.3	86.9	87.3	90.2	91.1	91.1	92.1	92.2	92.2	92.7	92.8	93.2	93.6	
GE 500	.1	72.7	80.7	84.7	89.0	89.4	92.5	93.5	93.5	94.7	94.8	94.8	95.5	95.6	96.1	96.5	
GE 400	.1	72.7	80.7	84.8	89.2	89.6	92.7	93.8	93.8	95.1	95.2	95.2	95.9	96.1	96.7	97.1	
GE 300	.1	72.7	80.7	85.0	89.6	90.1	93.5	95.0	95.0	96.4	96.5	96.5	97.5	97.6	98.2	98.7	
GE 200	.1	72.7	80.7	85.0	89.6	90.1	93.5	95.0	95.0	96.4	96.5	96.5	97.5	97.7	98.6	99.2	
GE 100	.1	72.7	80.7	85.0	89.6	90.2	93.5	95.0	95.1	96.5	96.6	96.6	97.6	97.9	98.8	99.8	
GE 0	.1	72.7	80.7	85.0	89.6	90.2	93.5	95.0	95.1	96.5	96.6	96.6	97.6	97.9	98.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 1975

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	36.8	41.1	43.4	45.1	45.3	46.9	46.9	46.9	48.0	48.5	48.5	48.7	49.0	49.4	50.8	
GE 20000	40.7	45.7	48.0	49.7	49.9	51.7	51.7	51.7	52.9	53.3	53.3	53.8	54.0	54.5	56.1	
GE 18000	41.4	46.4	48.7	50.3	50.6	52.4	52.4	52.4	53.6	54.0	54.0	54.5	54.7	55.2	56.8	
GE 16000	41.4	46.4	48.7	50.3	50.6	52.4	52.4	52.4	53.6	54.0	54.0	54.5	54.7	55.2	56.8	
GE 14000	41.4	46.4	49.0	50.6	50.8	52.6	52.6	52.6	53.8	54.3	54.3	54.7	54.9	55.4	57.0	
GE 12000	43.4	48.5	51.0	52.6	52.9	54.7	54.7	54.7	55.9	56.3	56.3	56.8	57.0	57.5	59.1	
GE 10000	45.3	50.6	53.3	54.9	55.2	57.0	57.0	57.0	58.2	58.6	58.6	59.5	59.8	60.2	61.8	
GE 9000	45.3	50.6	53.3	54.9	55.2	57.0	57.0	57.0	58.2	58.6	58.6	59.5	59.8	60.2	61.8	
GE 8000	46.7	52.2	54.9	56.6	56.8	58.6	58.9	58.9	60.0	60.5	60.5	61.4	61.6	62.1	63.7	
GE 7000	47.4	52.9	55.6	57.2	57.5	59.3	59.5	59.5	60.7	61.1	61.1	62.1	62.3	62.8	64.4	
GE 6000	48.3	53.8	56.6	58.2	58.4	60.2	60.5	60.5	61.6	62.1	62.1	63.0	63.2	63.7	65.3	
GE 5000	49.0	54.5	57.2	59.1	59.3	61.1	61.4	61.4	62.5	63.0	63.0	63.9	64.1	64.6	66.2	
GE 4500	50.6	56.1	58.9	60.7	60.9	62.8	63.0	63.0	64.1	64.6	64.6	65.5	65.7	66.2	67.8	
GE 4000	52.4	58.6	61.4	63.7	64.1	66.0	66.2	66.2	67.4	67.8	67.8	68.7	69.0	69.4	71.0	
GE 3500	52.6	58.9	62.3	64.8	65.3	67.1	67.4	67.4	68.5	69.0	69.0	69.9	70.1	70.6	72.2	
GE 3000	54.5	60.9	64.6	67.1	67.6	69.4	69.7	69.7	70.8	71.3	71.3	72.2	72.4	72.9	74.5	
GE 2500	54.7	61.1	65.3	68.0	68.7	70.6	71.0	71.0	72.2	72.6	72.6	73.6	73.8	74.3	75.9	
GE 2000	55.9	63.0	67.6	70.3	71.0	72.9	73.3	73.3	74.5	74.9	74.9	75.9	76.1	76.6	78.2	
GE 1800	56.1	63.2	67.8	70.6	71.3	73.1	73.6	73.6	74.7	75.2	75.2	76.1	76.3	76.8	78.4	
GE 1500	57.7	65.3	70.1	72.9	74.0	76.3	76.8	76.8	77.9	78.4	78.4	79.3	79.5	80.0	81.6	
GE 1200	58.2	66.0	70.8	74.0	75.2	77.5	77.9	77.9	79.1	79.5	79.5	80.5	80.7	81.1	83.0	
GE 1000	58.2	66.4	71.7	74.9	76.3	78.6	79.1	79.1	80.2	80.7	80.7	81.6	81.8	82.3	84.1	
GE 900	58.2	66.4	71.7	75.2	76.8	79.1	79.5	79.5	80.7	81.1	81.1	82.1	82.3	82.8	84.6	
GE 800	58.6	67.1	72.4	76.3	77.9	80.7	81.1	81.1	82.8	83.4	83.4	84.4	84.6	85.1	86.9	
GE 700	58.6	67.1	73.1	77.0	78.6	81.4	81.8	81.8	83.4	84.1	84.1	85.1	85.3	85.7	87.6	
GE 600	58.6	67.4	73.6	78.2	79.8	82.5	83.2	83.2	85.3	86.0	86.0	86.9	87.1	87.6	89.4	
GE 500	59.5	68.7	74.9	80.2	81.8	85.3	86.0	86.0	89.0	89.7	89.7	91.0	91.3	91.7	93.6	
GE 400	59.5	68.7	74.9	80.2	81.8	86.0	87.1	87.1	90.1	91.3	91.3	92.6	93.1	94.0	95.9	
GE 300	59.5	68.7	74.9	80.5	82.1	86.7	88.3	88.5	91.5	92.6	92.9	94.3	94.7	95.9	97.9	
GE 200	59.5	68.7	74.9	80.5	82.1	86.7	88.3	88.5	91.5	92.9	93.1	94.5	94.9	96.3	98.4	
GE 100	59.5	68.7	74.9	80.5	82.1	86.7	88.3	88.5	91.5	92.9	93.1	94.5	94.9	96.3	98.4	
GE 0	59.5	68.7	74.9	80.5	82.1	86.7	88.3	88.5	91.5	92.9	93.1	94.5	94.9	96.3	100.0	

TOTAL NUMBER OF OBSERVATIONS: 435

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	48.0	50.7	51.6	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 2000	55.1	58.1	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 1800	55.9	58.8	59.9	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 1600	56.2	59.2	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 1400	56.2	59.2	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 1200	57.3	60.3	61.3	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 1000	59.3	62.8	63.8	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 900	60.3	63.7	64.8	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 800	63.1	66.5	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 700	63.7	67.1	68.2	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 600	65.6	69.2	70.3	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 500	66.5	70.3	71.4	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 450	67.8	71.5	72.6	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 400	69.5	73.4	74.5	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 350	70.4	74.6	76.4	77.3	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 300	71.5	76.2	78.1	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 250	71.8	76.5	78.7	80.0	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 200	73.6	78.4	80.8	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 180	74.2	79.0	81.4	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 160	75.3	80.4	82.8	85.0	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 140	75.9	81.2	84.0	86.2	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 120	76.2	81.8	84.7	87.2	87.3	87.9	87.9	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 90	76.4	82.2	85.1	87.6	87.8	88.4	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 80	76.4	82.6	85.8	88.4	88.7	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 70	76.4	83.3	86.4	89.0	89.4	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 60	76.7	83.9	87.3	90.5	91.1	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 50	77.2	84.4	87.9	92.5	93.4	95.0	95.0	95.0	95.0	95.1	95.5	95.5	95.8	95.8	95.8	95.8
GE 40	77.5	84.7	88.3	93.0	94.1	96.4	96.9	96.9	96.9	97.2	97.5	97.5	98.3	98.3	98.3	98.3
GE 30	77.9	85.3	88.9	93.7	94.8	97.5	98.0	98.0	98.0	98.3	98.6	98.6	99.4	99.4	99.4	99.5
GE 20	77.9	85.3	88.9	93.7	94.8	97.5	98.0	98.0	98.0	98.3	98.6	98.6	99.5	99.5	99.5	99.7
GE 10	77.9	85.3	88.9	93.7	94.8	97.5	98.0	98.0	98.0	98.3	98.6	98.6	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 639

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE 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	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																
GE 20000	56.1	58.9	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 18000	57.1	59.9	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 16000	57.2	60.0	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 14000	58.8	61.6	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 12000	59.7	62.5	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 10000	61.9	64.7	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	65.5
GE 9000	62.1	64.9	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 8000	64.7	67.9	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 7000	65.8	69.0	69.7	69.7	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 6000	66.5	69.6	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 5000	68.7	72.1	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 4500	69.0	72.4	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 4000	71.9	76.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 3500	73.4	77.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 3000	74.5	79.3	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 2500	76.8	82.1	83.7	83.7	83.7	83.7	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 2000	78.4	84.2	85.9	85.9	85.9	85.9	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1800	79.0	84.8	86.5	86.5	86.5	86.5	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1500	79.6	85.6	87.6	87.6	87.6	87.6	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1200	80.3	86.2	89.2	89.5	89.5	89.5	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1000	80.4	86.7	90.0	90.4	90.8	91.1	91.2	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 900	80.9	87.5	90.8	91.4	91.7	92.2	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 800	81.0	88.1	91.4	92.0	92.3	92.8	92.8	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 700	81.0	88.2	91.5	92.5	92.8	93.3	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 600	81.5	88.7	92.0	93.1	93.6	94.0	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 500	82.0	89.2	92.8	94.8	95.5	97.0	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	82.0	89.2	92.8	95.0	95.6	97.2	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 300	82.0	89.3	92.9	95.3	95.9	97.5	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	82.0	89.3	92.9	95.3	95.9	97.5	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 100	82.0	89.3	92.9	95.3	95.9	97.5	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 0	82.0	89.3	92.9	95.3	95.9	97.5	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

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: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	.2	52.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 20000	.2	60.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 18000	.2	60.6	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 16000	.2	60.6	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 14000	.2	62.1	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 12000	.2	62.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 10000	.2	66.5	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 9000	.2	67.1	70.2	70.2	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 8000	.2	68.1	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 7000	.2	68.3	71.9	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 6000	.2	69.2	73.0	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 5000	.2	69.4	73.6	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4500	.2	69.4	73.6	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 4000	.2	71.5	75.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 3500	.2	73.0	77.1	78.2	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 3000	.2	75.3	80.9	82.0	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 2500	.2	77.4	83.0	84.1	84.7	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 2000	.2	78.2	84.3	86.2	87.0	87.4	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1800	.2	78.2	84.3	86.2	87.0	87.4	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1500	.2	78.2	85.1	87.2	88.3	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1200	.2	79.0	86.0	88.1	89.1	89.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1000	.2	79.9	87.2	89.5	92.0	92.5	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 900	.2	80.1	87.6	89.9	92.5	92.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 800	.2	80.5	88.5	91.0	94.1	94.5	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6
GE 700	.2	80.7	88.7	91.2	94.3	95.0	95.8	95.8	95.8	95.8	96.0	96.0	96.2	96.2	96.2	96.2
GE 600	.2	80.7	88.7	91.2	94.5	95.2	96.0	96.0	96.0	96.0	96.2	96.2	96.4	96.4	96.4	96.4
GE 500	.2	80.9	88.9	92.5	96.6	97.3	98.5	98.5	98.5	98.7	99.0	99.0	99.2	99.2	99.4	99.4
GE 400	.2	80.9	88.9	92.7	96.9	97.5	98.7	98.7	98.7	99.0	99.2	99.2	99.4	99.4	99.6	99.6
GE 300	.2	80.9	88.9	92.7	96.9	97.5	99.2	99.2	99.2	99.4	99.6	99.6	99.8	99.8	100.0	100.0
GE 200	.2	80.9	88.9	92.7	96.9	97.5	99.2	99.2	99.2	99.4	99.6	99.6	99.8	99.8	100.0	100.0
GE 100	.2	80.9	88.9	92.7	96.9	97.5	99.2	99.2	99.2	99.4	99.6	99.6	99.8	99.8	100.0	100.0
GE 0	.2	90.9	89.9	92.7	96.9	97.5	99.2	99.2	99.2	99.4	99.6	99.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 477

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-87
 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	57.6	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 20000	62.4	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 18000	62.4	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 16000	62.4	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 14000	63.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 12000	65.9	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 10000	70.6	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 9000	71.8	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 8000	72.9	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 7000	72.9	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 6000	72.9	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 5000	72.9	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 4500	72.9	77.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 4000	74.1	78.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 3500	76.5	81.2	83.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 3000	77.6	84.7	87.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2500	77.6	84.7	87.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 2000	78.8	85.9	88.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	90.6	90.6	90.6	90.6	90.6
GE 1800	78.8	85.9	88.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	90.6	90.6	90.6	90.6	90.6	90.6
GE 1600	78.8	85.9	89.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	91.8	91.8	91.8	91.8	91.8	91.8
GE 1200	82.4	89.4	92.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	95.3	95.3	95.3	95.3	95.3	95.3
GE 1000	82.4	89.4	92.9	95.3	95.3	95.3	95.3	95.3	95.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 900	82.4	89.4	92.9	95.3	95.3	95.3	95.3	95.3	95.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 800	82.4	90.6	94.1	96.5	96.5	96.5	96.5	96.5	96.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 700	82.4	90.6	94.1	96.5	96.5	96.5	96.5	96.5	96.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	82.4	90.6	94.1	96.5	96.5	96.5	96.5	96.5	96.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	82.4	90.6	94.1	97.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	82.4	90.6	95.3	98.8	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	82.4	90.6	95.3	98.8	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	82.4	90.6	95.3	98.8	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	82.4	90.6	95.3	98.8	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	82.4	90.6	95.3	98.8	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 85

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VFRSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 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	.0	47.5	59.3	51.1	51.6	51.6	51.9	51.9	51.9	52.2	52.2	52.2	52.3	52.3	52.4	52.7	
GE 20000	.0	53.9	57.2	58.2	58.6	58.7	59.0	59.0	59.0	59.2	59.3	59.3	59.4	59.5	59.5	59.9	
GE 18000	.0	54.7	58.0	58.9	59.4	59.4	59.8	59.8	59.8	60.0	60.1	60.1	60.2	60.2	60.3	60.6	
GE 16000	.0	54.8	58.1	59.1	59.5	59.5	59.9	59.9	59.9	60.1	60.2	60.2	60.3	60.3	60.4	60.7	
GE 14000	.0	55.6	58.9	59.9	60.4	60.4	60.8	60.8	60.8	61.0	61.1	61.1	61.2	61.2	61.3	61.6	
GE 12000	.0	56.8	60.2	61.2	61.7	61.7	62.0	62.0	62.0	62.3	62.4	62.4	62.4	62.5	62.6	62.9	
GE 10000	.0	59.3	62.9	63.9	64.4	64.5	64.8	64.8	64.8	65.0	65.1	65.1	65.3	65.3	65.4	65.7	
GE 9000	.0	59.8	63.4	64.4	64.9	65.0	65.3	65.3	65.3	65.5	65.6	65.6	65.8	65.8	65.9	66.2	
GE 8000	.0	61.8	65.7	66.7	67.2	67.2	67.6	67.6	67.6	67.9	67.9	67.9	68.1	68.2	68.2	68.6	
GE 7000	.0	62.5	66.3	67.5	68.0	68.1	68.5	68.5	68.5	68.7	68.8	68.8	69.0	69.0	69.1	69.4	
GE 6000	.0	63.5	67.5	68.6	69.2	69.2	69.6	69.7	69.7	69.9	70.0	70.0	70.1	70.2	70.3	70.6	
GE 5000	.0	64.6	68.7	69.9	70.5	70.5	70.9	71.0	71.0	71.2	71.3	71.3	71.5	71.5	71.6	71.9	
GE 4500	.0	65.3	69.5	70.8	71.3	71.4	71.8	71.8	71.8	72.0	72.1	72.1	72.3	72.3	72.4	72.7	
GE 4000	.0	67.5	72.0	73.5	74.2	74.3	74.7	74.7	74.7	74.9	75.0	75.0	75.2	75.2	75.3	75.6	
GE 3500	.0	68.6	73.3	75.1	75.9	76.1	76.5	76.5	76.5	76.7	76.8	76.8	77.0	77.0	77.1	77.4	
GE 3000	.0	70.1	75.5	77.4	78.3	78.5	78.9	79.0	79.0	79.2	79.3	79.3	79.5	79.5	79.6	79.9	
GE 2500	.0	71.3	76.8	79.0	80.0	80.3	80.8	80.9	80.9	81.1	81.2	81.2	81.4	81.4	81.5	81.8	
GE 2000	.0	72.7	78.6	81.1	82.2	82.4	83.1	83.2	83.2	83.5	83.6	83.6	83.7	83.8	83.9	84.2	
GE 1800	.0	73.1	79.0	81.5	82.6	82.8	83.5	83.6	83.6	83.9	83.9	84.1	84.2	84.3	84.6		
GE 1500	.0	73.9	80.2	82.9	84.4	84.7	85.5	85.6	85.6	86.0	86.1	86.1	86.2	86.3	86.4	86.7	
GE 1200	.0	74.6	81.0	84.1	85.7	86.0	86.8	86.9	86.9	87.3	87.4	87.4	87.6	87.6	87.7	88.0	
GE 1000	.0	74.9	81.7	85.0	87.1	87.6	88.4	88.5	88.5	88.9	89.0	89.0	89.2	89.2	89.3	89.7	
GE 900	.0	75.2	82.1	85.4	87.6	88.1	89.0	89.1	89.1	89.5	89.6	89.6	89.8	89.8	89.9	90.3	
GE 800	.0	75.4	82.7	86.2	88.6	89.2	90.2	90.3	90.3	90.8	91.0	91.0	91.2	91.2	91.3	91.7	
GE 700	.0	75.4	83.0	86.6	89.1	89.7	90.7	90.9	90.9	91.3	91.6	91.6	91.8	91.9	92.0	92.3	
GE 600	.0	75.6	83.3	87.1	89.9	90.7	91.7	91.9	91.9	92.4	92.7	92.7	93.0	93.0	93.1	93.4	
GE 500	.0	76.1	83.9	88.0	91.9	92.7	94.5	94.9	94.9	95.8	96.2	96.2	96.6	96.7	96.8	97.1	
GE 400	.0	76.2	84.0	88.2	92.1	93.1	95.2	95.8	95.8	96.7	97.2	97.2	97.8	97.9	98.1	98.5	
GE 300	.0	76.3	84.2	88.4	92.5	93.4	95.8	96.6	96.7	97.6	98.1	98.1	98.7	98.8	99.0	99.5	
GE 200	.0	76.3	84.2	88.4	92.5	93.4	95.8	96.6	96.7	97.6	98.1	98.2	98.8	98.9	99.2	99.6	
GE 100	.0	76.3	84.2	88.4	92.5	93.4	95.8	96.6	96.7	97.6	98.1	98.2	98.8	98.9	99.2	99.8	
GE 0	.0	76.3	84.2	88.4	92.5	93.4	95.8	96.6	96.7	97.6	98.1	98.2	98.8	98.9	99.2	100.0	

TOTAL NUMBER OF OBSERVATIONS: 2274

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VFRSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COLNTY GUNNERY RANGE NC

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	45.7	52.3	55.1	57.3	57.5	58.8	59.4	59.4	60.4	61.4	61.4	62.0	62.2	62.8	63.6	
GE 20000	48.5	55.7	58.8	61.4	61.8	63.2	63.8	63.8	64.8	65.8	65.8	66.4	66.6	67.2	68.0	
GE 18000	48.5	55.7	58.8	61.4	61.8	63.2	63.8	63.8	64.8	65.8	65.8	66.4	66.6	67.2	68.0	
GE 16000	48.5	55.7	58.8	61.4	61.8	63.2	63.8	63.8	64.8	65.8	65.8	66.4	66.6	67.2	68.0	
GE 14000	49.1	56.3	59.4	62.0	62.4	63.8	64.4	64.4	65.4	66.4	66.4	67.0	67.2	67.8	68.6	
GE 12000	51.1	58.6	61.8	64.4	64.8	66.2	66.8	66.8	67.8	68.8	68.8	69.4	69.6	70.2	71.0	
GE 10000	53.3	62.0	66.0	68.8	69.2	70.6	71.2	71.2	72.2	73.2	73.2	73.8	74.0	74.6	75.5	
GE 9000	53.3	62.0	66.0	68.8	69.2	70.6	71.2	71.2	72.2	73.2	73.2	73.8	74.0	74.6	75.5	
GE 8000	55.3	64.6	68.6	71.4	71.8	73.4	74.0	74.0	75.1	76.1	76.1	76.7	76.9	77.5	78.3	
GE 7000	55.7	65.0	69.0	71.8	72.2	73.8	74.4	74.4	75.5	76.5	76.5	77.1	77.3	77.9	78.7	
GE 6000	56.1	65.6	69.8	72.6	73.0	74.6	75.3	75.3	76.3	77.3	77.3	77.9	78.1	78.7	79.5	
GE 5000	56.1	65.8	70.0	72.8	73.2	74.8	75.5	75.5	76.5	77.5	77.5	78.1	78.3	78.9	79.7	
GE 4500	56.5	66.2	70.4	73.2	73.6	75.3	75.9	75.9	76.9	77.9	77.9	78.5	78.7	79.3	80.1	
GE 4000	57.5	67.8	72.0	74.8	75.3	76.9	77.5	77.5	78.5	79.5	79.5	80.1	80.3	80.9	81.7	
GE 3500	59.4	69.6	73.8	76.7	77.1	78.7	79.3	79.3	80.3	81.3	81.3	81.9	82.1	82.7	83.5	
GE 3000	59.6	69.8	74.0	76.9	77.3	78.9	79.5	79.5	80.5	81.5	81.5	82.1	82.3	82.9	83.7	
GE 2500	60.0	70.2	74.4	77.5	77.9	79.5	80.1	80.1	81.1	82.1	82.1	82.7	82.9	83.5	84.3	
GE 2000	60.6	71.2	75.5	78.5	78.9	80.7	81.3	81.3	82.3	83.3	83.3	83.9	84.1	84.7	85.5	
GE 1800	60.6	71.2	75.5	78.5	78.9	80.7	81.3	81.3	82.3	83.3	83.3	83.9	84.1	84.7	85.5	
GE 1500	60.8	71.4	75.7	78.7	79.1	81.1	81.9	81.9	82.9	83.9	83.9	84.5	84.7	85.3	86.1	
GE 1200	61.8	72.8	77.1	80.3	80.7	82.7	83.5	83.5	84.5	85.5	85.5	86.1	86.3	86.9	87.7	
GE 1000	62.2	73.4	78.1	81.7	82.1	84.1	84.9	84.9	85.9	86.9	86.9	87.5	87.7	88.3	89.1	
GE 900	62.8	74.0	78.7	82.3	82.7	84.7	85.5	85.5	86.5	87.5	87.5	88.1	88.3	88.9	89.7	
GE 800	62.8	74.2	79.1	83.1	83.7	85.9	87.1	87.1	88.3	89.3	89.3	89.9	90.1	90.7	91.5	
GE 700	63.2	74.6	79.5	83.5	84.3	86.5	87.7	87.7	88.9	89.9	89.9	90.5	90.7	91.3	92.2	
GE 600	63.2	74.6	79.5	83.7	84.5	86.9	88.1	88.1	89.3	90.3	90.3	90.9	91.1	91.8	92.6	
GE 500	63.2	74.8	79.7	84.1	85.1	87.9	89.1	89.3	90.5	92.0	92.0	92.8	93.0	93.6	94.4	
GE 400	63.4	75.3	80.1	84.7	85.9	89.5	90.9	91.1	92.8	94.2	94.2	95.0	95.2	95.8	96.6	
GE 300	63.4	75.3	80.1	84.7	85.9	89.7	91.3	91.5	93.2	95.0	95.0	96.4	96.6	97.2	98.0	
GE 200	63.4	75.3	80.1	84.7	85.9	89.7	91.3	91.5	93.2	95.0	95.0	97.0	97.2	98.2	99.4	
GE 100	63.4	75.3	80.1	84.7	85.9	89.7	91.3	91.5	93.2	95.0	95.0	97.0	97.6	98.6	100.0	
GE 71	63.4	75.3	80.1	84.7	85.9	89.7	91.3	91.5	93.2	95.0	95.0	97.0	97.6	98.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 497

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	57.6	59.6	60.0	60.0	60.0	60.0	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 20000	61.9	63.1	63.5	63.5	63.5	63.5	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 18000	61.6	63.7	64.1	64.1	64.1	64.1	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 16000	61.6	63.7	64.1	64.1	64.1	64.1	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 14000	62.6	64.7	65.2	65.2	65.2	65.2	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 12000	65.3	67.5	67.9	67.9	67.9	67.9	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 10000	66.7	68.8	69.9	69.9	69.9	69.9	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 9000	66.9	69.0	70.1	70.1	70.1	70.1	70.8	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 8000	70.2	72.5	73.7	73.7	73.7	73.7	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 7000	70.8	73.1	74.3	74.3	74.3	74.3	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 6000	72.6	74.9	76.1	76.1	76.1	76.1	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 5000	74.0	76.3	77.5	77.5	77.5	77.5	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 4500	74.2	76.4	77.7	77.7	77.7	77.7	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 4000	75.2	77.8	79.0	79.2	79.2	79.2	79.9	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 3500	76.0	78.7	79.9	80.1	80.1	80.1	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 3000	77.5	80.2	81.6	81.8	81.8	81.8	82.5	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 2500	79.0	82.1	83.4	83.6	83.6	83.6	84.3	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 2000	79.9	83.1	84.7	84.8	84.8	84.8	85.9	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1800	80.4	83.6	85.3	85.4	85.4	85.4	86.5	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1500	81.6	85.0	86.6	86.8	86.8	86.8	88.1	88.4	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1200	81.6	85.4	87.2	87.4	87.5	87.5	88.8	89.1	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1000	82.1	86.0	88.0	88.3	88.4	88.4	89.7	90.0	90.0	90.4	90.4	90.4	90.6	90.6	90.6	90.6
GE 900	82.4	86.3	88.3	88.6	88.8	88.8	90.0	90.3	90.3	90.7	90.7	90.7	90.9	90.9	90.9	90.9
GE 800	82.7	86.6	88.6	89.1	89.2	89.2	90.7	91.2	91.2	91.6	91.6	91.6	91.8	91.8	91.8	91.8
GE 700	83.3	87.4	89.8	90.7	90.9	90.9	92.4	92.9	92.9	93.3	93.3	93.3	93.5	93.5	93.5	93.5
GE 600	83.4	88.0	90.6	91.9	92.2	92.2	93.8	94.2	94.2	94.7	94.7	94.7	94.8	94.8	94.8	94.8
GE 500	83.9	88.8	91.3	93.2	93.5	93.5	95.3	95.7	95.7	96.2	96.4	96.4	96.5	96.5	96.5	96.5
GE 400	84.0	88.9	91.6	93.9	94.2	94.2	96.5	97.0	97.0	98.0	98.2	98.2	98.5	98.5	98.5	98.5
GE 300	84.0	88.9	91.6	94.1	94.4	94.4	96.7	97.7	97.7	99.1	99.2	99.2	99.5	99.5	99.5	99.5
GE 200	84.0	88.9	91.6	94.1	94.4	94.4	96.7	97.7	97.7	99.1	99.4	99.4	99.8	99.8	99.8	99.8
GE 100	84.0	88.9	91.6	94.1	94.4	94.4	96.7	97.7	97.7	99.1	99.5	99.5	100.0	100.0	100.0	100.0
GE 0	84.0	88.9	91.6	94.1	94.4	94.4	96.7	97.7	97.7	99.1	99.5	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 658

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VRSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	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	55.0	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 20000	55.9	62.3	62.6	62.6	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 18000	60.6	62.9	63.2	63.2	63.2	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 16000	60.6	62.9	63.2	63.2	63.2	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 14000	60.9	63.2	63.5	63.5	63.5	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 12000	63.2	65.5	65.8	65.8	65.8	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 10000	65.4	68.2	68.6	68.6	68.6	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 9000	65.8	68.6	69.1	69.1	69.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 8000	68.8	71.6	72.0	72.0	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 7000	70.2	73.0	73.4	73.4	73.4	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 6000	71.9	74.7	75.2	75.2	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 5000	73.8	76.6	77.0	77.0	77.0	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 4500	73.8	76.6	77.0	77.0	77.0	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 4000	75.0	78.3	78.7	78.7	78.7	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 3500	76.6	80.0	81.1	81.1	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 3000	80.1	83.9	84.9	84.9	84.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 2500	80.9	85.4	86.8	87.1	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 2000	82.8	87.6	89.0	89.4	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1800	82.8	87.6	89.0	89.4	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1500	83.4	88.2	89.6	90.1	90.1	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1200	84.0	89.1	90.5	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1000	84.6	89.9	91.5	92.1	92.1	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 900	84.8	90.2	91.8	92.4	92.4	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 800	86.2	91.6	93.3	94.3	94.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 700	86.3	91.9	93.6	94.6	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 600	86.6	92.5	94.3	95.3	95.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 500	86.8	92.7	94.4	95.8	95.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 400	87.1	93.2	94.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 300	87.1	93.2	94.9	97.0	97.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 200	87.1	93.2	94.9	97.0	97.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 100	87.1	93.2	94.9	97.0	97.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE	87.1	93.2	94.9	97.0	97.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS: 644

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 78-87
 MONTH: APR HOURS(IST): 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	51.0	53.3	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 2000	55.8	59.0	59.0	59.4	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 1800	57.5	60.7	60.7	61.1	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 1600	57.5	60.7	60.7	61.1	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 1400	58.0	61.1	61.1	61.6	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 1200	60.9	64.1	64.3	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 1000	63.7	67.3	67.5	67.9	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 900	63.7	67.3	67.5	67.9	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 800	66.5	70.3	70.7	71.3	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 700	68.2	72.0	72.4	73.0	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 600	70.9	74.7	75.2	75.8	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 500	73.9	77.7	78.1	78.8	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 450	74.3	78.1	78.6	79.2	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 400	76.2	80.5	81.1	81.7	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 350	78.1	82.4	83.7	84.3	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 300	79.0	83.2	84.7	85.6	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 250	79.6	85.4	87.0	88.1	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 200	81.1	86.8	88.5	89.6	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 180	81.1	86.8	88.5	89.6	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 150	82.0	87.9	90.0	91.5	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 120	82.2	88.3	90.4	91.9	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 100	82.6	88.7	91.3	92.8	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 90	83.9	90.0	92.6	94.1	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 80	83.9	90.0	92.6	94.1	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 70	84.3	90.4	93.0	94.5	94.9	95.3	95.3	95.3	95.3	96.0	96.2	96.2	96.2	96.2	96.2	96.2
GE 60	84.5	90.7	93.4	94.9	95.3	95.8	95.8	95.8	95.8	96.4	96.6	96.6	96.6	96.6	96.6	96.6
GE 50	84.5	90.7	93.6	95.3	95.8	96.4	96.4	96.4	96.4	97.0	97.2	97.2	97.2	97.2	97.2	97.2
GE 40	84.7	90.9	93.8	96.4	97.2	98.1	98.1	98.1	98.1	98.7	98.9	98.9	98.9	98.9	98.9	98.9
GE 30	84.9	91.1	94.7	97.2	98.1	99.2	99.2	99.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	84.9	91.1	94.7	97.2	98.1	99.2	99.2	99.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	84.9	91.1	94.7	97.2	98.1	99.2	99.2	99.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	84.9	91.1	94.7	97.2	98.1	99.2	99.2	99.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 471

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	42.4	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 20000	44.7	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 18000	48.2	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 16000	48.2	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 14000	48.2	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 12000	54.1	57.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 10000	56.5	62.4	63.5	63.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 9000	56.5	63.5	64.7	64.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 8000	63.5	73.6	71.8	72.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 7000	63.5	70.6	71.8	72.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 6000	68.2	75.3	76.5	77.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 5000	71.8	78.8	80.0	81.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 4500	72.9	80.0	81.2	82.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 4000	74.1	82.4	83.5	84.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 3500	74.1	82.4	83.5	84.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 3000	74.1	82.4	83.5	84.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 2500	76.5	84.7	85.9	89.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 2000	76.5	84.7	85.9	89.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1800	76.5	84.7	85.9	89.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1500	76.5	84.7	85.9	90.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1200	77.6	85.9	87.1	91.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1000	78.8	87.1	88.2	92.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 900	81.2	89.4	90.6	95.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 800	81.2	89.4	90.6	95.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 700	81.2	89.4	90.6	95.3	96.5	96.5	96.5	96.5	96.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	81.2	89.4	90.6	95.3	96.5	96.5	96.5	96.5	96.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	81.2	89.4	90.6	95.3	96.5	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	81.2	89.4	90.6	95.3	96.5	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	81.2	89.4	91.8	96.5	97.6	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	81.2	89.4	91.8	96.5	97.6	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	81.2	89.4	91.8	96.5	97.6	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	81.2	89.4	91.8	96.5	97.6	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 85

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	52.5	55.5	56.3	56.8	56.9	57.2	57.4	57.4	57.6	57.8	57.8	57.9	58.0	58.1	58.3	
GE 20000	56.4	60.0	60.8	61.4	61.5	62.2	62.3	62.3	62.5	62.8	62.8	62.9	62.9	63.1	63.2	
GE 18000	57.2	60.8	61.6	62.3	62.3	63.0	63.1	63.1	63.4	63.6	63.6	63.7	63.7	63.9	64.0	
GE 16000	57.2	60.8	61.6	62.3	62.3	63.0	63.1	63.1	63.4	63.6	63.6	63.7	63.7	63.9	64.0	
GE 14000	57.8	61.4	62.2	62.8	62.9	63.6	63.7	63.7	63.9	64.2	64.2	64.3	64.3	64.5	64.6	
GE 12000	60.5	64.0	65.0	65.6	65.7	66.4	66.5	66.5	66.8	67.0	67.0	67.1	67.1	67.3	67.4	
GE 10000	62.5	66.7	68.0	68.7	68.9	69.6	69.7	69.7	70.0	70.2	70.2	70.3	70.4	70.5	70.6	70.7
GE 9000	62.7	66.9	68.2	68.9	69.1	69.8	69.9	69.9	70.2	70.4	70.4	70.5	70.6	70.7	70.9	
GE 8000	65.7	70.1	71.5	72.3	72.5	73.2	73.3	73.3	73.6	73.9	73.8	73.9	74.0	74.1	74.3	
GE 7000	66.7	71.0	72.5	73.2	73.5	74.2	74.3	74.3	74.6	74.8	74.8	74.9	74.9	75.1	75.2	
GE 6000	68.5	72.9	74.4	75.1	75.3	76.1	76.2	76.2	76.4	76.6	76.6	76.8	76.8	76.9	77.1	
GE 5000	70.1	74.5	76.0	76.8	77.0	77.7	77.8	77.8	78.1	78.3	78.3	78.4	78.5	78.6	78.8	
GE 4500	70.3	74.8	76.3	77.0	77.2	78.0	78.1	78.1	78.3	78.6	78.6	78.7	78.7	78.9	79.0	
GE 4000	71.6	76.5	78.0	78.9	79.1	79.8	79.9	79.9	80.2	80.4	80.4	80.5	80.6	80.7	80.8	
GE 3500	73.0	78.0	79.8	80.6	80.8	81.6	81.7	81.7	82.0	82.2	82.2	82.3	82.3	82.5	82.6	
GE 3000	74.6	79.7	81.6	82.5	82.7	83.4	83.6	83.6	83.9	84.1	84.1	84.2	84.2	84.4	84.5	
GE 2500	75.5	81.2	83.3	84.4	84.6	85.4	85.6	85.6	85.8	86.0	86.0	86.2	86.2	86.3	86.5	
GE 2000	76.7	82.6	84.7	85.9	86.1	87.0	87.2	87.2	87.4	87.6	87.6	87.8	87.8	87.9	88.1	
GE 1800	76.9	82.8	84.9	86.0	86.2	87.1	87.3	87.3	87.6	87.8	87.8	87.9	88.0	88.1	88.3	
GE 1500	77.6	83.6	85.8	87.0	87.3	88.3	88.6	88.6	88.9	89.1	89.1	89.3	89.3	89.4	89.6	
GE 1200	78.0	84.4	86.6	87.9	88.2	89.2	89.5	89.5	89.8	90.0	90.0	90.1	90.2	90.3	90.5	
GE 1000	78.6	85.0	87.5	89.0	89.3	90.3	90.5	90.5	90.9	91.1	91.1	91.3	91.4	91.5	91.7	
GE 900	79.2	85.6	88.2	89.6	89.9	90.9	91.2	91.2	91.5	91.8	91.8	92.0	92.0	92.1	92.3	
GE 800	79.6	86.2	88.7	90.4	90.7	91.9	92.3	92.3	92.7	92.9	92.9	93.1	93.2	93.3	93.5	
GE 700	80.0	86.6	89.3	91.2	91.5	92.7	93.0	93.0	93.6	93.9	93.9	94.1	94.1	94.3	94.4	
GE 600	80.2	87.0	89.8	91.8	92.2	93.5	93.9	93.9	94.4	94.7	94.7	94.9	94.9	95.0	95.3	
GE 500	80.3	87.3	90.1	92.5	92.9	94.4	94.9	94.9	95.5	95.9	95.9	96.2	96.2	96.3	96.5	
GE 450	80.6	87.6	90.5	93.3	93.9	95.8	96.4	96.4	97.2	97.7	97.7	98.0	98.0	98.2	98.3	
GE 400	80.6	87.6	90.7	93.6	94.2	96.4	97.2	97.2	98.1	98.6	98.6	99.1	99.2	99.3	99.4	
GE 300	80.6	87.6	90.7	93.6	94.2	96.4	97.2	97.2	98.1	98.6	98.6	99.3	99.4	99.6	99.8	
GE 200	80.6	87.6	90.7	93.6	94.2	96.4	97.2	97.2	98.1	98.7	98.7	99.4	99.5	99.7	100.0	
GE 100	80.6	87.6	90.7	93.6	94.2	96.4	97.2	97.2	98.1	98.7	98.7	99.4	99.5	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 2355

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.6	39.8	42.7	45.1	45.7	47.3	47.4	47.4	48.3	48.8	48.8	49.3	50.0	50.9	51.2	
GE 20000	35.7	44.7	47.8	50.9	51.5	53.2	53.6	53.6	54.6	55.3	55.3	55.8	56.5	57.8	58.5	
GE 18000	36.0	45.4	48.5	51.5	52.2	53.9	54.3	54.3	55.3	56.0	56.0	56.5	57.2	58.5	59.2	
GE 16000	36.0	45.4	48.5	51.5	52.2	53.9	54.3	54.3	55.3	56.0	56.0	56.5	57.2	58.5	59.2	
GE 14000	36.2	45.7	48.8	51.9	52.6	54.3	54.6	54.6	55.6	56.3	56.3	56.8	57.5	58.9	59.6	
GE 12700	38.4	48.1	51.2	54.3	54.9	56.7	57.0	57.0	58.0	58.7	58.7	59.2	59.9	61.3	61.9	
GE 10000	42.7	53.1	56.1	59.7	60.4	62.1	62.5	62.5	63.5	64.2	64.2	64.7	65.4	66.7	67.4	
GE 9000	43.0	53.4	56.5	60.1	60.8	62.5	62.8	62.8	63.8	64.5	64.5	65.0	65.7	67.1	67.7	
GE 8000	46.9	58.4	61.6	65.4	66.0	67.9	68.3	68.3	69.3	70.0	70.0	70.5	71.2	72.7	73.4	
GE 7000	47.6	59.2	62.6	66.4	67.1	68.9	69.3	69.3	70.3	71.0	71.0	71.5	72.2	73.7	74.4	
GE 6000	48.1	59.9	63.3	67.1	67.9	70.0	70.3	70.3	71.3	72.0	72.0	72.5	73.2	74.7	75.4	
GE 5000	48.8	61.1	64.7	68.4	69.3	71.3	72.0	72.0	73.0	73.7	73.7	74.2	74.9	76.6	77.5	
GE 4500	48.8	61.1	64.7	68.4	69.3	71.3	72.0	72.0	73.0	73.7	73.7	74.2	74.9	76.6	77.5	
GE 4000	49.1	61.6	65.4	69.1	70.0	72.0	72.7	72.7	73.7	74.4	74.4	74.9	75.6	77.3	78.2	
GE 3500	49.3	61.8	65.7	69.5	70.3	72.5	73.2	73.2	74.2	74.9	74.9	75.4	76.1	77.8	78.7	
GE 3000	50.0	62.6	66.7	71.2	72.0	74.2	74.9	74.9	75.9	76.6	76.6	77.1	77.8	79.5	80.4	
GE 2500	50.2	63.3	67.4	72.0	72.9	75.1	75.8	75.8	76.8	77.5	77.5	78.0	78.7	80.4	81.2	
GE 2000	50.5	64.2	68.3	73.2	74.1	76.6	77.6	77.6	78.7	79.4	79.4	79.9	80.5	82.3	83.1	
GE 1800	50.9	64.5	68.6	73.5	74.4	77.0	78.0	78.0	79.0	79.7	79.7	80.2	80.9	82.6	83.4	
GE 1500	52.4	66.7	70.8	76.3	77.1	79.7	80.7	80.7	81.7	82.4	82.4	82.9	83.6	85.3	86.2	
GE 1200	53.2	67.7	72.0	78.0	78.8	81.4	82.4	82.4	83.4	84.1	84.1	84.6	85.3	87.0	87.9	
GE 1000	53.9	68.8	73.0	79.0	79.9	82.8	84.1	84.1	85.2	85.8	85.8	86.3	87.0	88.7	89.6	
GE 900	53.9	68.8	73.0	79.0	79.9	82.8	84.1	84.1	85.2	85.8	85.8	86.3	87.0	88.7	89.6	
GE 800	54.3	69.1	73.4	79.4	80.2	83.6	85.0	85.0	86.2	86.9	86.9	87.5	88.2	89.9	90.8	
GE 700	54.3	69.3	73.5	79.5	80.5	84.0	85.5	85.5	86.7	87.5	87.5	88.2	88.9	90.6	91.5	
GE 600	54.3	69.6	73.9	79.9	81.1	84.5	86.0	86.0	87.2	88.1	88.1	88.7	89.4	91.1	92.0	
GE 500	54.9	70.5	74.7	81.4	82.6	86.2	88.2	88.2	89.6	91.0	91.0	91.8	92.5	94.2	95.1	
GE 400	54.9	71.0	75.3	82.1	83.3	87.4	89.8	89.8	91.1	92.5	92.5	93.3	94.0	95.7	96.6	
GE 300	54.9	71.0	75.6	82.4	83.6	87.7	91.0	91.0	92.6	94.4	94.4	95.2	95.9	97.8	98.8	
GE 200	54.9	71.0	75.6	82.4	83.6	88.1	91.5	91.5	93.5	95.1	95.1	96.2	96.9	98.8	99.8	
GE 100	54.9	71.0	75.6	82.4	83.6	88.1	91.5	91.5	93.5	95.1	95.1	96.2	96.9	98.8	100.0	
GE 0	54.9	71.0	75.6	82.4	83.6	88.1	91.5	91.5	93.5	95.1	95.1	96.2	96.9	98.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 566

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COLNTRY GLNERNY RANGE 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	45.1	48.2	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 20000	51.5	55.4	56.0	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 18000	51.5	55.7	56.3	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 16000	51.5	55.7	56.3	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 14000	51.5	55.7	56.3	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 12000	54.3	58.8	59.4	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 10000	59.0	62.6	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 9000	58.0	62.6	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 8000	61.5	66.3	66.9	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 7000	62.2	66.9	67.5	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 6000	62.5	67.4	68.0	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 5000	64.0	69.2	69.8	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 4500	64.5	69.7	70.3	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 4000	64.9	70.2	70.9	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 3500	66.0	71.4	72.2	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 3000	68.6	75.1	75.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 2500	71.2	78.5	79.2	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 2000	72.6	80.5	81.2	82.3	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 1800	73.5	81.4	82.2	83.2	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 1600	78.3	86.9	87.7	88.8	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1200	78.9	87.7	88.5	89.8	90.2	90.3	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1000	79.8	89.2	90.3	91.7	92.2	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 900	80.0	89.4	90.5	91.8	92.3	92.6	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 800	80.9	90.3	91.5	92.9	93.4	94.0	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 700	81.4	90.8	92.2	93.5	94.0	94.6	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 600	82.0	91.8	93.4	94.9	95.4	96.0	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 500	82.6	92.6	94.3	96.0	96.5	97.2	97.5	97.5	97.5	97.8	97.8	97.8	97.8	98.0	98.0	98.0
GE 400	82.6	92.9	94.6	96.5	96.9	97.7	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.8	98.8	98.8
GE 300	82.8	93.1	94.8	96.8	97.4	98.3	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
GE 200	82.8	93.1	94.8	96.8	97.4	98.3	99.1	99.1	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 100	82.8	93.1	94.8	96.8	97.4	98.3	99.1	99.1	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 0	82.8	93.1	94.8	96.8	97.4	98.3	99.1	99.1	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 650

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE 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	GE 1 1/2	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	45.4	47.5	47.9	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	
GE 20000	54.1	57.6	58.1	58.7	56.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	
GE 18000	54.8	58.2	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	
GE 16000	54.8	58.2	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	
GE 14000	55.1	58.6	59.0	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	
GE 12000	56.7	60.2	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	
GE 10000	61.2	65.0	65.5	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	
GE 9000	61.3	65.1	65.6	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	
GE 8000	64.6	68.6	69.1	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 7000	64.8	68.8	69.2	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	
GE 6000	65.8	69.7	70.2	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	
GE 5000	66.4	70.4	70.9	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	
GE 4500	66.6	70.6	71.1	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	
GE 4000	67.9	71.9	72.4	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	
GE 3500	70.2	74.2	74.7	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	
GE 3000	72.7	77.1	78.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	
GE 2500	75.8	80.8	81.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	
GE 2000	75.1	84.9	86.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	
GE 1900	80.3	86.0	87.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	
GE 1800	82.6	89.3	90.6	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	
GE 1700	82.7	89.5	91.1	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	
GE 1600	83.7	91.0	92.8	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	
GE 1500	84.2	91.6	93.4	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	
GE 1400	94.9	92.4	94.2	96.1	96.1	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	
GE 1300	85.0	92.6	94.4	96.2	96.2	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
GE 1200	85.0	92.8	94.9	96.7	96.7	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	
GE 1100	95.2	92.9	95.2	97.5	97.5	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 1000	85.2	92.9	95.2	97.7	97.7	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 900	85.2	92.9	95.2	97.7	98.2	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 800	85.2	92.9	95.2	97.7	98.2	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 700	85.2	92.9	95.2	97.7	98.2	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 600	85.2	92.9	95.2	97.7	98.2	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	85.2	92.9	95.2	97.7	98.2	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	85.2	92.9	95.2	97.7	98.2	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	85.2	92.9	95.2	97.7	98.2	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	85.2	92.9	95.2	97.7	98.2	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	85.2	92.9	95.2	97.7	98.2	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	85.2	92.9	95.2	97.7	98.2	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 668

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE AC

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	GF 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GF 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	45.5	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 20000	57.8	61.8	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 18000	58.0	62.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 16000	58.0	62.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 14000	58.8	62.8	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 12000	61.1	65.1	65.1	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 10000	66.3	71.1	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 9000	66.3	71.1	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 8000	70.9	76.4	76.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 7000	71.4	76.9	76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 6000	72.4	77.9	77.9	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 5000	73.6	79.1	79.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 4500	73.6	79.1	79.4	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 4000	74.9	80.4	80.7	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 3500	76.4	82.2	82.7	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 3000	78.9	84.9	85.7	86.9	86.9	86.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 2500	80.7	86.7	87.4	88.7	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2000	81.7	87.7	88.2	90.5	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1800	81.7	87.7	89.2	90.5	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1500	84.7	91.5	93.2	95.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1200	85.2	92.0	93.7	95.5	95.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1000	85.4	92.7	94.5	96.5	96.5	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 900	85.7	93.2	95.2	97.7	97.7	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	85.7	93.2	95.2	97.7	97.7	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	85.7	93.2	95.2	97.7	97.7	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	85.7	93.2	95.7	98.2	98.2	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	85.9	93.5	96.0	98.5	98.5	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	85.9	93.5	96.0	98.5	98.5	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	85.9	93.5	96.2	98.7	98.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	85.9	93.5	96.2	98.7	98.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	85.9	93.5	96.2	98.7	98.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	85.9	93.5	96.2	98.7	98.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 398

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	51.5	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 20000	66.7	75.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 18000	66.7	75.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 16000	66.7	75.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 14000	66.7	75.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 12000	66.7	75.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 10000	71.2	80.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 9000	72.7	81.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 8000	75.8	84.8	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 7000	75.8	84.8	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 6000	77.3	86.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 5000	77.3	86.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 4500	77.3	86.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 4000	77.3	87.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 3500	77.3	89.4	90.9	90.9	90.9	90.9	90.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 3000	78.8	90.9	92.4	92.4	92.4	92.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 2500	78.8	90.9	92.4	92.4	92.4	92.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 2000	78.8	90.9	92.4	92.4	92.4	92.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1800	78.8	90.9	92.4	92.4	92.4	92.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1500	78.8	90.9	92.4	92.4	92.4	92.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1200	78.8	90.9	92.4	92.4	92.4	92.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1000	78.8	92.4	93.9	93.9	93.9	93.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 900	78.8	93.9	95.5	95.5	95.5	95.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	78.8	93.9	95.5	95.5	95.5	95.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	78.8	93.9	95.5	95.5	95.5	95.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	78.8	93.9	95.5	95.5	95.5	95.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	78.8	93.9	95.5	95.5	95.5	95.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	78.8	93.9	95.5	95.5	95.5	95.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	78.8	93.9	95.5	95.5	95.5	95.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	78.8	93.9	95.5	95.5	95.5	95.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	78.8	93.9	95.5	95.5	95.5	95.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	78.8	93.9	95.5	95.5	95.5	95.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 66

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	42.0	46.1	47.1	48.1	48.2	48.6	48.7	48.7	48.9	49.0	49.0	49.1	49.3	49.5	49.6	
GE 20000	49.7	54.9	56.1	57.2	57.4	57.8	57.9	57.9	58.1	58.7	58.3	58.4	58.6	59.0	59.1	
GE 18000	50.0	55.4	56.5	57.7	57.8	58.3	58.4	58.4	58.6	58.8	58.8	58.9	59.1	59.4	59.6	
GE 16000	50.0	55.4	56.5	57.7	57.8	58.3	58.4	58.4	58.6	58.8	58.8	58.9	59.1	59.4	59.6	
GE 14000	50.3	55.7	56.8	58.0	56.1	58.6	58.7	58.7	58.9	59.1	59.1	59.2	59.4	59.7	59.9	
GE 12000	52.4	58.0	59.1	60.3	60.4	60.9	61.0	61.0	61.2	61.4	61.4	61.5	61.7	62.0	62.2	
GE 10000	56.8	62.8	63.9	65.2	65.4	65.8	65.9	65.9	66.2	66.3	66.3	66.5	66.6	67.0	67.2	
GE 9000	56.9	63.0	64.1	65.4	65.6	66.0	66.1	66.1	66.3	66.5	66.5	66.6	66.8	67.2	67.3	
GE 8000	60.7	67.2	68.3	69.8	69.9	70.4	70.5	70.5	70.8	70.9	70.9	71.1	71.2	71.6	71.8	
GE 7000	61.1	67.7	68.9	70.3	70.5	71.0	71.1	71.1	71.3	71.5	71.5	71.6	71.8	72.2	72.4	
GE 6000	61.8	68.5	69.7	71.1	71.3	71.8	71.9	71.9	72.2	72.4	72.4	72.5	72.7	73.1	73.2	
GE 5000	62.8	69.7	70.9	72.4	72.6	73.1	73.3	73.3	73.5	73.7	73.7	73.8	74.0	74.4	74.7	
GE 4500	63.0	69.6	71.1	72.6	72.8	73.4	73.5	73.5	73.8	74.0	74.0	74.1	74.3	74.7	74.9	
GE 4000	63.8	70.7	72.1	73.6	73.8	74.4	74.5	74.5	74.8	75.0	75.0	75.1	75.3	75.7	75.9	
GE 3500	65.0	72.1	73.5	75.0	75.3	75.9	76.1	76.1	76.3	76.5	76.5	76.6	76.8	77.3	77.5	
GE 3000	67.0	74.6	76.3	78.2	76.5	79.2	79.3	79.3	79.6	79.8	79.8	79.9	80.1	80.5	80.7	
GE 2500	68.9	77.0	78.7	80.7	80.9	81.6	81.8	81.8	82.1	82.2	82.2	82.4	82.5	83.0	83.2	
GE 2000	70.5	79.0	80.9	83.0	83.3	84.1	84.4	84.4	84.7	84.9	84.9	85.0	85.2	85.6	85.8	
GE 1800	71.1	79.7	81.6	83.7	84.0	84.8	85.1	85.1	85.4	85.6	85.6	85.7	85.9	86.3	86.5	
GE 1500	74.0	83.3	85.3	87.7	88.0	88.9	89.2	89.2	89.5	89.6	89.6	89.8	89.9	90.4	90.6	
GE 1200	74.5	83.9	86.0	88.7	89.0	89.9	90.2	90.2	90.5	90.6	90.6	90.8	90.9	91.4	91.6	
GE 1000	75.2	85.2	87.4	90.2	90.5	91.6	92.0	92.0	92.3	92.5	92.5	92.6	92.8	93.2	93.4	
GE 900	75.4	85.5	87.8	90.7	91.0	92.1	92.5	92.5	92.8	93.0	93.0	93.1	93.3	93.7	93.9	
GE 800	76.0	86.1	88.4	91.3	91.6	93.0	93.6	93.6	93.9	94.1	94.1	94.3	94.5	94.9	95.1	
GE 700	76.1	86.3	88.6	91.6	91.9	93.3	93.9	93.9	94.3	94.5	94.5	94.7	94.8	95.3	95.5	
GE 600	76.3	86.7	89.3	92.2	92.7	94.1	94.7	94.7	95.0	95.2	95.2	95.4	95.6	96.0	96.2	
GE 500	76.7	87.3	89.9	93.2	93.6	95.1	95.9	95.9	96.4	96.7	96.7	96.9	97.1	97.6	97.8	
GE 400	76.7	87.5	90.1	93.5	94.0	95.6	96.6	96.6	97.1	97.4	97.4	97.6	97.8	98.3	98.5	
GE 300	76.8	87.5	90.3	93.8	94.4	96.1	97.4	97.4	98.1	98.5	98.5	98.7	98.9	99.4	99.7	
GE 200	76.8	87.5	90.3	93.8	94.4	96.1	97.5	97.5	98.3	98.7	98.7	99.0	99.2	99.7	100.0	
GE 100	76.8	87.5	90.3	93.8	94.4	96.1	97.5	97.5	98.3	98.7	98.7	99.0	99.2	99.7	100.0	
GE 0	76.8	87.5	90.3	93.8	94.4	96.1	97.5	97.5	98.3	98.7	98.7	99.0	99.2	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 2308

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	36.1	44.8	50.3	54.7	54.7	57.0	58.4	58.4	59.1	59.6	59.6	60.7	60.7	60.9	61.4		
GE 20000	39.5	48.7	54.7	67.5	60.5	63.2	64.6	64.6	66.0	66.5	66.5	67.6	67.6	67.8	68.7		
GE 18000	39.8	49.2	55.2	61.1	61.1	63.7	65.1	65.1	66.7	67.3	67.3	68.3	68.3	68.5	69.4		
GE 16000	35.8	49.2	55.2	61.1	61.1	63.7	65.1	65.1	66.7	67.3	67.3	68.3	68.3	68.5	69.4		
GE 14000	42.7	50.3	56.3	62.1	62.1	64.8	66.2	66.2	67.6	68.3	68.3	69.4	69.4	69.6	70.4		
GE 12000	42.7	52.4	58.6	64.4	64.4	67.1	68.5	68.5	70.1	70.6	70.6	71.7	71.7	71.9	72.7		
GE 10000	45.0	55.4	62.7	68.7	68.8	71.9	73.3	73.3	75.0	75.6	75.6	76.6	76.6	76.8	77.7		
GE 9000	45.0	55.6	62.8	68.8	69.0	72.0	73.5	73.5	75.2	75.8	75.8	76.8	76.8	77.0	77.9		
GE 8000	46.4	58.1	65.5	71.5	71.7	74.7	76.1	76.1	77.9	78.4	78.4	79.5	79.5	79.6	80.5		
GE 7000	46.4	58.4	66.2	72.4	72.6	75.6	77.0	77.0	78.8	79.3	79.3	80.4	80.4	80.5	81.4		
GE 6000	47.4	59.6	67.6	73.8	74.0	77.0	78.4	78.4	80.2	80.7	80.7	81.8	81.8	81.9	82.8		
GE 5000	47.8	60.2	68.1	74.3	74.5	77.5	78.9	78.9	80.7	81.2	81.2	82.3	82.3	82.5	83.4		
GE 4500	48.1	60.5	68.5	74.7	74.9	77.9	79.3	79.3	81.1	81.6	81.6	82.7	82.7	82.8	83.7		
GE 4000	48.3	60.9	68.8	75.0	75.2	78.4	79.8	79.8	81.6	82.1	82.1	83.2	83.2	83.4	84.2		
GE 3500	49.2	61.9	70.1	76.3	76.5	79.6	81.1	81.1	82.8	83.4	83.4	84.4	84.4	84.6	85.5		
GE 3000	49.7	62.7	70.8	77.0	77.2	80.4	81.8	81.8	83.5	84.1	84.1	85.1	85.1	85.3	86.2		
GE 2500	50.8	63.9	72.2	78.4	78.6	81.9	83.4	83.4	85.1	85.7	85.7	86.7	86.7	86.9	87.8		
GE 2000	51.9	65.1	73.8	80.4	80.5	83.9	85.3	85.3	87.3	87.8	87.8	88.8	88.8	89.2	90.1		
GE 1800	51.9	65.1	73.8	80.5	80.7	84.1	85.5	85.5	87.4	88.0	88.0	89.0	89.0	89.4	90.3		
GE 1500	52.4	65.7	74.5	81.2	81.4	85.0	86.4	86.4	88.3	89.0	89.0	90.3	90.3	90.6	91.5		
GE 1200	52.4	65.7	74.9	82.5	82.8	86.7	88.1	88.1	90.3	91.0	91.0	92.2	92.2	92.6	93.5		
GE 1000	52.7	66.0	75.2	83.7	84.2	88.3	89.7	89.7	92.4	93.3	93.3	94.5	94.5	94.9	95.8		
GE 900	52.7	66.0	75.2	83.7	84.2	88.3	89.7	89.7	92.4	93.3	93.3	94.5	94.5	94.9	95.8		
GE 800	53.3	66.5	75.8	84.2	85.0	89.0	90.4	90.4	92.1	94.0	94.0	95.2	95.2	95.6	96.5		
GE 700	53.6	66.9	76.1	85.1	85.8	89.9	91.5	91.5	94.2	95.0	95.0	96.3	96.3	96.6	97.5		
GE 600	53.8	67.1	76.3	85.3	86.0	90.1	91.9	91.9	94.5	95.4	95.4	96.6	96.6	97.0	97.9		
GE 500	53.8	67.1	76.3	85.3	86.4	90.4	92.6	92.7	95.4	96.3	96.3	97.5	97.5	97.9	98.9		
GE 400	54.0	67.4	76.6	85.7	86.7	90.8	92.9	93.1	95.8	96.6	96.6	97.9	97.9	98.2	99.3		
GE 300	54.0	67.4	76.6	85.7	86.7	90.8	92.9	93.1	95.8	96.6	96.6	97.9	97.9	98.6	99.6		
GE 200	54.0	67.4	76.6	85.7	86.7	90.8	93.1	93.3	96.1	97.0	97.0	98.2	98.2	98.9	100.0		
GE 100	54.0	67.4	76.6	85.7	86.7	90.8	93.1	93.3	96.1	97.0	97.0	98.2	98.2	98.9	100.0		
GE 0	54.0	67.4	76.6	85.7	86.7	90.8	93.1	93.3	96.1	97.0	97.0	98.2	98.2	98.9	100.0		

TOTAL NUMBER OF OBSERVATIONS: 565

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 78-87
 MONTH: JUN HOURS(EST): 0900-1100

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	46.7	52.7	55.4	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 20000	52.9	61.3	64.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 18000	53.3	62.1	64.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 16000	53.3	62.1	64.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 14000	54.0	62.7	65.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 12000	56.8	65.6	68.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 10000	59.0	69.4	72.5	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 9000	59.2	69.5	72.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 8000	60.8	71.6	75.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 7000	61.1	71.9	75.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 6000	62.2	73.0	76.7	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 5000	62.4	73.3	77.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 4500	62.5	73.5	77.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 4000	63.8	74.8	78.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 3500	64.8	75.7	79.5	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 3000	66.7	77.6	81.9	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 2500	69.0	80.3	85.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 2000	71.1	83.3	88.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1800	71.4	83.7	88.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1500	72.2	84.8	90.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1200	73.2	85.7	91.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1000	74.0	86.8	92.9	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 900	74.3	87.1	93.2	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 800	74.4	87.3	93.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 700	74.4	87.3	93.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	74.4	87.3	93.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	74.4	87.3	93.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 400	74.4	87.3	93.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 300	74.4	87.3	93.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 200	74.4	87.3	93.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 100	74.4	87.3	93.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 0	74.4	87.3	93.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	.2	46.5	52.9	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 20000	.2	56.9	64.6	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 18000	.2	57.2	65.3	67.6	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 16000	.2	57.2	65.3	67.6	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 14000	.2	58.4	66.4	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 12000	.2	61.9	70.0	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 10000	.2	63.3	71.8	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 9000	.2	63.6	72.3	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 8000	.2	66.3	75.0	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 7000	.2	66.9	75.7	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 6000	.2	68.0	76.8	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 5000	.2	68.5	77.3	80.5	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 4500	.2	68.8	77.7	80.9	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 4000	.2	69.3	78.4	81.5	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 3500	.2	70.0	79.4	82.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 3000	.2	72.7	82.6	85.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 2500	.2	74.8	84.9	88.3	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 2000	.2	77.2	88.3	92.1	93.6	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1800	.2	77.5	88.8	92.6	94.1	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1500	.2	78.2	89.9	93.8	95.3	95.5	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1200	.2	79.0	90.8	94.6	96.3	96.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	.2	79.4	91.3	95.3	97.5	97.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	.2	79.5	91.4	95.5	97.7	97.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	.2	79.7	91.6	95.6	97.8	98.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	.2	79.7	91.6	95.6	97.8	98.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	.2	79.7	91.6	95.6	97.8	98.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	.2	79.7	91.6	95.8	98.0	98.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	.2	79.7	91.6	95.8	98.0	98.2	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	.2	79.7	91.6	95.8	98.0	98.2	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	.2	79.7	91.6	95.8	98.0	98.2	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	.2	79.7	91.6	95.8	98.0	98.2	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	.2	79.7	91.6	95.8	98.0	98.2	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 596

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	47.3	55.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 20000	58.7	68.1	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 18000	58.7	68.1	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 16000	59.7	68.1	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 14000	59.4	68.6	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 12000	60.7	70.4	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 10000	63.0	72.7	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 9000	63.7	73.4	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 8000	67.0	77.4	80.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 7000	67.7	78.8	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 6000	68.1	79.7	83.6	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 5000	68.6	80.1	84.1	84.5	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 4500	68.6	80.1	84.1	84.5	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 4000	68.6	81.1	85.0	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 3500	70.2	82.4	86.4	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 3000	70.9	83.4	87.5	88.2	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 2500	73.2	86.1	90.5	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 2000	73.9	87.8	92.1	93.5	93.5	94.0	94.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1800	74.4	88.2	92.8	94.2	94.2	94.7	94.7	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1500	74.6	88.7	93.5	95.2	95.2	95.8	95.8	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1200	74.6	88.7	93.5	95.4	95.4	96.1	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1000	74.8	89.1	94.5	97.2	97.2	98.2	98.2	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	74.8	89.1	94.5	97.2	97.2	98.2	98.2	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	74.8	89.1	94.5	97.2	97.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	74.8	89.1	94.5	97.2	97.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	74.8	89.1	94.5	97.2	97.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 500	74.8	89.1	94.7	97.5	97.5	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	74.8	89.1	94.7	97.5	97.5	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	74.8	89.1	94.7	97.5	97.5	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	74.8	89.1	94.7	97.5	97.5	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 100	74.8	89.1	94.7	97.5	97.5	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 0	74.8	89.1	94.7	97.5	97.5	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS: 433

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COLONY GUNNERY RANGE NC

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

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 3/4	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	45.2	50.0	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 20000	58.3	69.0	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 18000	58.3	69.0	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 16000	58.3	69.0	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 14000	58.3	69.0	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 12000	58.3	69.0	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 10000	58.3	69.0	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 9000	58.3	69.0	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 8000	61.9	73.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 7000	61.9	73.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 6000	63.1	77.4	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 5000	66.7	81.0	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 4500	66.7	81.0	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 4000	67.9	82.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 3500	69.0	83.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 3000	70.2	85.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2500	70.2	85.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2000	70.2	86.9	95.2	95.2	95.2	95.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1800	70.2	86.9	95.2	95.2	95.2	95.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1500	70.2	88.1	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	70.2	88.1	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	71.4	89.3	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	71.4	89.3	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	71.4	89.3	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	71.4	89.3	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	71.4	89.3	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	71.4	89.3	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	71.4	89.3	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	71.4	89.3	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	71.4	89.3	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	71.4	89.3	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	71.4	89.3	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 84

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	.0	44.1	51.1	54.3	55.9	55.9	56.5	56.8	56.8	57.0	57.1	57.1	57.4	57.4	57.4	57.5
GE 20000	.0	51.9	60.6	64.1	66.2	66.2	66.8	67.2	67.2	67.5	67.6	67.6	67.9	67.9	67.9	68.2
GE 18000	.0	52.2	61.1	64.6	66.7	66.7	67.3	67.7	67.7	68.1	68.2	68.2	68.5	68.5	68.5	68.7
GE 16000	.0	52.2	61.1	64.6	66.7	66.7	67.3	67.7	67.7	68.1	68.2	68.2	68.5	68.5	68.5	68.7
GE 14000	.0	53.0	62.0	65.5	67.5	67.5	68.2	68.5	68.5	68.9	69.1	69.1	69.3	69.3	69.4	69.6
GE 12000	.0	55.5	64.5	68.1	70.2	70.2	70.8	71.2	71.2	71.6	71.7	71.7	72.0	72.0	72.0	72.2
GE 10000	.0	57.4	67.2	71.1	73.4	73.4	74.1	74.5	74.5	74.9	75.0	75.0	75.3	75.3	75.3	75.6
GE 9000	.0	57.7	67.5	71.5	73.7	73.7	74.5	74.8	74.8	75.3	75.4	75.4	75.6	75.6	75.7	75.9
GE 8000	.0	55.9	70.3	74.8	77.1	77.1	77.9	78.2	78.2	78.6	78.8	78.8	79.0	79.0	79.1	79.3
GE 7000	.0	60.3	70.9	75.5	77.9	77.9	78.6	79.0	79.0	79.4	79.5	79.5	79.8	79.8	79.9	80.1
GE 6000	.0	61.2	72.1	76.9	79.3	79.4	80.2	80.5	80.5	80.9	81.1	81.1	81.3	81.3	81.4	81.6
GE 5000	.0	61.7	72.7	77.4	79.9	79.9	80.7	81.1	81.1	81.5	81.6	81.6	81.9	81.9	81.9	82.1
GE 4500	.0	61.9	72.9	77.6	80.1	80.2	80.9	81.3	81.3	81.7	81.8	81.8	82.1	82.1	82.1	82.4
GE 4000	.0	62.5	73.7	78.5	81.0	81.1	81.9	82.2	82.2	82.7	82.8	82.8	83.1	83.1	83.1	83.3
GE 3500	.0	63.5	74.8	79.7	82.3	82.4	83.2	83.5	83.5	84.0	84.1	84.1	84.4	84.4	84.4	84.6
GE 3000	.0	65.0	76.6	81.7	84.4	84.5	85.3	85.7	85.7	86.1	86.2	86.2	86.5	86.5	86.5	86.7
GE 2700	.0	66.9	78.8	84.1	87.0	87.0	88.0	88.3	88.3	88.7	88.9	88.9	89.1	89.1	89.2	89.4
GE 2700	.0	68.5	81.1	86.7	89.8	89.9	91.0	91.3	91.3	91.9	92.1	92.1	92.3	92.3	92.4	92.6
GE 1800	.0	68.7	81.4	87.1	90.2	90.3	91.4	91.7	91.7	92.3	92.5	92.5	92.7	92.7	92.8	93.0
GE 1500	.0	69.3	82.3	88.1	91.3	91.4	92.8	93.2	93.2	93.8	94.0	94.0	94.3	94.3	94.4	94.6
GE 1200	.0	69.8	82.8	88.8	92.3	92.5	94.1	94.6	94.6	95.2	95.4	95.4	95.7	95.7	95.8	96.0
GE 1000	.0	70.2	83.4	89.7	93.9	94.1	95.8	96.3	96.3	97.2	97.4	97.4	97.7	97.7	97.8	98.1
GE 900	.0	70.4	83.5	89.8	94.0	94.2	95.9	96.4	96.4	97.4	97.6	97.6	97.9	97.9	98.0	98.2
GE 800	.0	70.6	83.8	90.0	94.3	94.5	96.3	96.9	96.9	97.8	98.1	98.1	98.4	98.4	98.5	98.7
GE 700	.0	70.7	83.8	90.1	94.5	94.8	96.6	97.2	97.2	98.1	98.4	98.4	98.7	98.7	98.8	99.0
GE 600	.0	70.7	83.9	90.2	94.6	94.9	96.7	97.4	97.4	98.3	98.6	98.6	98.9	98.9	99.0	99.2
GE 500	.0	70.7	83.9	90.3	94.7	95.1	97.0	97.7	97.7	98.7	99.0	99.0	99.3	99.3	99.4	99.7
GE 400	.0	70.8	84.0	90.4	94.8	95.1	97.1	97.9	97.9	98.9	99.2	99.2	99.5	99.5	99.6	99.8
GE 300	.0	70.8	84.0	90.4	94.8	95.1	97.1	97.9	97.9	98.9	99.2	99.2	99.5	99.5	99.7	99.9
GE 200	.0	70.8	84.0	90.4	94.8	95.1	97.1	97.9	98.0	99.0	99.3	99.3	99.6	99.6	99.7	100.0
GE 100	.0	70.8	84.0	90.4	94.8	95.1	97.1	97.9	98.0	99.0	99.3	99.3	99.6	99.6	99.7	100.0
GE 0	.0	70.8	84.0	90.4	94.8	95.1	97.1	97.9	98.0	99.0	99.3	99.3	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 2308

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87

MONTH: JUL 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																
GE 20000	32.3	44.8	50.0	56.7	58.2	62.6	64.5	64.5	65.6	66.7	66.0	66.5	66.7	68.6	69.7	
GE 18000	32.7	45.4	50.6	57.4	58.9	63.4	65.2	65.2	66.4	66.7	66.7	67.3	67.5	69.3	70.4	
GE 16000	32.7	45.4	50.6	57.4	58.9	63.4	65.2	65.2	66.4	66.7	66.7	67.3	67.5	69.3	70.4	
GE 14000	33.1	45.7	50.9	57.8	59.5	63.9	65.8	65.8	66.9	67.3	67.3	67.8	68.0	69.9	71.0	
GE 12000	37.0	50.0	55.8	63.0	64.7	69.1	71.0	71.0	72.1	72.5	72.5	73.0	73.2	75.1	76.2	
GE 10000	39.4	53.5	59.7	68.2	69.9	75.1	77.0	77.0	78.4	78.8	78.8	79.7	79.9	82.0	83.1	
GE 9000	39.6	53.7	59.9	68.6	70.3	75.5	77.3	77.3	78.8	79.2	79.2	80.1	80.3	82.3	83.5	
GE 8000	42.0	56.5	63.0	71.7	73.6	79.0	80.9	80.9	82.5	82.9	82.9	84.0	84.2	86.4	87.7	
GE 7000	42.0	56.5	63.0	71.7	73.6	79.0	80.9	80.9	82.5	82.9	82.9	84.0	84.2	86.4	87.7	
GE 6000	42.4	56.9	63.9	73.2	75.1	80.7	82.5	82.5	84.2	84.6	84.6	85.7	85.9	88.1	89.4	
GE 5000	42.9	57.4	64.5	74.0	75.8	81.6	83.5	83.5	85.1	85.5	85.5	86.6	86.8	89.0	90.3	
GE 4500	42.9	57.4	64.5	74.0	75.8	81.6	83.5	83.5	85.1	85.5	85.5	86.6	86.8	89.0	90.3	
GE 4000	43.1	57.6	64.9	74.5	76.4	82.3	84.2	84.2	85.9	86.2	86.2	87.4	87.5	89.8	91.1	
GE 3500	43.7	58.6	65.8	75.5	77.3	83.3	85.1	85.1	86.8	87.2	87.2	88.3	88.5	90.7	92.0	
GE 3000	43.9	59.1	66.5	76.6	78.4	84.4	86.2	86.2	88.3	88.7	88.7	89.8	90.0	92.2	93.5	
GE 2500	44.2	59.7	67.1	77.1	79.0	84.9	86.8	86.8	88.6	89.2	89.2	90.3	90.5	92.8	94.1	
GE 2000	44.6	60.2	67.8	77.9	79.7	85.7	87.5	87.5	89.6	90.0	90.0	91.1	91.3	93.5	94.8	
GE 1800	44.8	60.2	67.8	77.9	79.7	85.7	87.5	87.5	89.6	90.0	90.0	91.1	91.3	93.5	94.8	
GE 1500	45.4	61.0	68.8	79.0	80.9	87.0	89.2	89.2	91.3	91.6	91.6	92.8	92.9	95.2	96.5	
GE 1200	45.5	61.2	69.1	79.6	81.4	87.7	90.0	90.0	92.0	92.4	92.4	93.5	93.7	95.9	97.2	
GE 1000	45.7	61.3	69.5	80.9	82.7	89.0	91.3	91.3	93.3	93.7	93.7	94.8	95.0	97.2	98.5	
GE 900	45.9	61.5	69.7	81.0	82.9	89.2	91.4	91.4	93.5	93.9	93.9	95.0	95.2	97.4	98.7	
GE 800	45.9	61.5	69.7	81.2	83.1	89.4	91.6	91.6	93.7	94.1	94.1	95.2	95.4	97.6	98.9	
GE 700	45.9	61.5	69.7	81.2	83.1	89.4	91.6	91.6	93.7	94.1	94.1	95.2	95.4	97.6	98.9	
GE 600	45.9	61.5	69.7	81.2	83.1	89.4	91.6	91.6	93.7	94.1	94.1	95.2	95.4	97.6	98.9	
GE 500	46.3	62.1	70.4	82.0	83.8	90.1	92.4	92.4	94.4	95.0	95.0	96.1	96.3	98.5	99.8	
GE 400	46.3	62.1	70.4	82.0	83.8	90.1	92.4	92.4	94.4	95.0	95.0	96.1	96.3	98.5	99.8	
GE 300	46.3	62.1	70.4	82.0	83.8	90.1	92.4	92.4	94.4	95.0	95.0	96.1	96.3	98.5	99.8	
GE 200	46.3	62.1	70.4	82.0	83.8	90.1	92.4	92.4	94.4	95.0	95.0	96.1	96.3	98.5	99.8	
GE 100	46.3	62.1	70.4	82.0	83.8	90.1	92.4	92.4	94.4	95.0	95.0	96.3	96.5	98.7	100.0	
GE 0	46.3	62.1	70.4	82.0	83.8	90.1	92.4	92.4	94.4	95.0	95.0	96.3	96.5	98.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 538

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC

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

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	40.4	47.2	51.5	55.2	55.4	56.4	56.5	56.5	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE	20000	47.3	55.1	59.4	63.8	63.9	64.9	65.1	65.1	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE	18000	48.0	55.7	60.1	64.4	64.6	65.7	65.7	65.7	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE	16000	48.0	55.7	60.2	64.6	64.7	65.7	65.9	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE	14000	49.4	57.3	61.8	66.2	66.3	67.3	67.5	67.5	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE	12000	53.6	61.5	66.0	71.4	71.5	71.5	71.7	71.7	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE	10000	58.8	67.0	71.5	76.2	76.3	77.6	77.8	77.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE	9000	59.1	67.3	71.8	76.5	76.7	77.9	78.1	78.1	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE	8000	61.8	70.7	75.8	80.5	80.7	82.0	82.1	82.1	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE	7000	62.0	70.9	76.0	80.8	81.0	82.3	82.4	82.4	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE	6000	62.0	71.0	76.5	81.5	81.6	82.9	83.1	83.1	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE	5000	62.8	71.8	77.3	82.4	82.6	84.1	84.2	84.2	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE	4500	62.8	71.8	77.3	82.4	82.6	84.1	84.2	84.2	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE	4000	63.1	72.1	77.6	82.9	83.1	84.5	84.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE	3500	63.9	72.9	78.4	83.7	83.9	85.3	85.5	85.5	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE	3000	65.4	74.4	80.0	85.3	85.5	87.0	87.1	87.1	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE	2500	66.3	75.7	81.3	86.6	86.8	88.2	88.4	88.4	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE	2000	68.8	78.7	84.4	89.9	90.0	91.5	91.6	91.6	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE	1800	69.2	79.4	85.0	90.5	90.7	92.1	92.3	92.3	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE	1500	70.4	81.3	87.3	93.1	93.2	94.8	95.0	95.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE	1200	70.7	81.6	87.9	93.7	93.9	95.5	95.8	95.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE	1000	71.8	82.9	89.5	95.3	95.5	97.4	97.7	97.7	98.7	98.7	98.7	98.9	98.9	99.0	99.0	99.0
GE	900	72.0	83.1	89.7	95.5	95.7	97.7	98.1	98.1	99.0	99.0	99.0	99.2	99.2	99.4	99.4	99.4
GE	800	72.0	83.1	89.7	95.5	95.7	97.7	98.1	98.1	99.0	99.0	99.0	99.2	99.2	99.4	99.4	99.4
GE	700	72.0	83.1	89.7	95.5	95.7	97.7	98.1	98.1	99.0	99.0	99.0	99.2	99.2	99.4	99.4	99.4
GE	600	72.0	83.1	89.7	95.5	95.7	97.9	98.2	98.2	99.2	99.2	99.2	99.4	99.4	99.5	99.5	99.5
GE	500	72.1	83.3	89.9	95.7	95.8	98.1	98.4	98.4	99.4	99.4	99.4	99.5	99.5	99.7	99.7	99.7
GE	400	72.1	83.3	90.0	95.8	96.1	98.4	98.7	98.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0
GE	300	72.1	83.3	90.0	95.8	96.1	98.4	98.7	98.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0
GE	200	72.1	83.3	90.0	95.8	96.1	98.4	98.7	98.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0
GE	100	72.1	83.3	90.0	95.8	96.1	98.4	98.7	98.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0
GE	0	72.1	83.3	90.0	95.8	96.1	98.4	98.7	98.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 621

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE 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 4/16	GE 1/4	GE 0
NO CEIL	38.3	44.3	48.8	51.4	51.4	51.4	51.9	51.9	52.1	57.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 20000	47.8	55.3	60.2	63.1	63.1	63.1	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 18000	48.1	55.7	60.5	63.4	63.4	63.4	63.4	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 16000	48.1	55.7	60.5	63.4	63.4	63.4	63.4	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 14000	49.0	56.6	61.4	64.3	64.3	64.3	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 12000	52.8	60.7	65.5	68.4	68.4	68.4	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 10000	55.5	64.0	68.8	72.1	72.2	72.8	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 9000	56.0	64.5	69.3	72.6	72.8	73.3	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 8000	58.1	66.9	71.9	75.3	75.5	76.0	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 7000	58.6	67.4	72.4	75.9	76.0	76.6	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 6000	59.0	67.8	72.8	76.2	76.4	76.9	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 5000	60.5	69.5	74.7	78.1	78.3	78.8	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 4500	60.9	69.8	75.0	78.4	78.6	79.1	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 4000	61.4	70.3	75.5	79.0	79.1	79.7	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 3500	62.4	71.4	76.6	80.3	80.5	81.0	81.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 3000	64.7	73.6	79.0	83.6	83.8	84.3	84.8	84.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 2500	67.2	76.9	82.8	87.4	87.6	88.6	89.1	89.1	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 2000	69.5	80.5	86.7	91.4	91.6	92.6	93.1	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1800	69.8	80.9	87.1	91.7	91.9	92.9	93.4	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1500	70.7	82.8	89.5	94.7	94.8	95.9	96.4	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1200	70.9	83.4	90.2	95.3	95.5	96.6	97.1	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	71.4	84.0	90.7	96.2	96.4	97.6	98.3	98.3	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	71.6	84.1	90.9	96.4	96.6	97.8	98.4	98.4	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	71.7	84.8	91.6	97.1	97.2	98.4	99.1	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	71.7	84.8	91.6	97.1	97.2	98.4	99.1	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	71.7	84.8	91.6	97.1	97.2	98.4	99.1	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	71.7	84.8	91.6	97.1	97.2	98.4	99.1	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	71.7	84.8	91.6	97.1	97.2	98.4	99.1	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	71.7	84.8	91.6	97.1	97.2	98.4	99.1	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	71.7	84.8	91.6	97.1	97.2	98.4	99.1	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	71.7	84.8	91.6	97.1	97.2	98.4	99.1	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	71.7	84.8	91.6	97.1	97.2	98.4	99.1	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 580

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DAPE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 76-87
 MONTH: JUL HOURS(IST): 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	GL 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	38.5	46.5	50.7	52.7	52.7	53.0	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	
GE 2000	47.6	57.5	62.3	64.3	64.6	64.9	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	
GE 1800	47.9	58.4	63.2	65.2	65.4	65.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	
GE 1600	47.9	58.4	63.2	65.2	65.4	65.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	
GE 1400	49.0	59.5	64.3	66.3	66.6	66.9	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	
GE 1200	53.3	63.7	68.8	71.1	71.4	71.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	
GE 1000	55.0	65.4	70.5	72.8	73.1	73.4	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	
GE 900	55.2	65.7	70.8	73.1	73.4	73.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	
GE 800	56.4	67.1	72.2	74.5	74.8	75.1	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	
GE 700	57.2	68.0	73.1	75.4	75.6	75.9	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	
GE 600	58.1	68.8	74.2	76.5	76.8	77.1	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	
GE 500	60.1	71.1	76.8	79.0	79.3	79.6	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	
GE 450	60.1	71.1	76.8	79.0	79.3	79.6	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	
GE 400	60.3	71.7	77.3	79.6	79.9	80.2	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	
GE 350	60.9	72.5	78.2	80.5	80.7	81.0	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	
GE 300	63.5	75.1	81.6	85.0	85.8	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	
GE 250	66.0	79.9	87.3	91.2	92.1	92.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	
GE 200	66.6	81.6	89.0	92.9	93.8	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	
GE 180	66.9	81.9	89.2	93.2	94.1	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	
GE 150	67.1	83.0	90.7	94.9	96.0	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
GE 100	67.1	83.0	90.7	94.9	96.0	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
GE 100	68.0	83.9	91.5	95.8	96.9	97.7	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 900	68.0	83.9	91.5	95.8	96.9	97.7	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 800	68.0	84.1	92.1	96.6	97.7	98.6	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
GE 700	68.0	84.1	92.1	96.6	97.7	98.6	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
GE 600	68.0	84.1	92.1	96.6	98.0	98.9	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
GE 500	68.0	84.1	92.1	96.6	98.0	98.9	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
GE 400	68.0	84.1	92.1	96.6	98.0	98.9	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
GE 300	68.0	84.1	92.1	96.6	98.0	98.9	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
GE 200	68.0	84.1	92.1	96.6	98.0	98.9	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
GE 100	68.0	84.1	92.1	96.6	98.0	98.9	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
GE 0	68.0	84.1	92.1	96.6	98.0	98.9	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 353

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
 MONTH: JUL HOURS: 11: 1800-2000

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	35.2	49.0	54.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 20000	45.1	58.8	64.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 18000	45.1	58.8	64.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 16000	45.1	58.8	64.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 14000	45.1	58.8	64.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 12000	52.9	68.6	74.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 10000	56.9	72.5	78.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 9000	58.8	74.5	80.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 8000	58.8	76.5	82.4	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 7000	58.8	76.5	82.4	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 6000	61.8	78.4	84.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 5000	62.7	82.4	88.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 4500	62.7	82.4	88.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 4000	62.7	82.4	88.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 3500	62.7	84.3	90.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 3000	62.7	84.3	90.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2500	64.7	88.2	94.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2000	64.7	88.2	94.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1800	64.7	88.2	94.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1600	64.7	88.2	94.1	98.0	98.0	98.0	98.0	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1400	64.7	88.2	94.1	98.0	98.0	98.0	98.0	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	64.7	88.2	94.1	98.0	98.0	98.0	98.0	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	64.7	88.2	94.1	98.0	98.0	98.0	98.0	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	64.7	88.2	94.1	98.0	98.0	98.0	98.0	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	64.7	88.2	94.1	98.0	98.0	98.0	98.0	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	64.7	88.2	94.1	98.0	98.0	98.0	98.0	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	64.7	88.2	94.1	98.0	98.0	98.0	98.0	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	64.7	88.2	94.1	98.0	98.0	98.0	98.0	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	64.7	88.2	94.1	98.0	98.0	98.0	98.0	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	64.7	88.2	94.1	98.0	98.0	98.0	98.0	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	64.7	88.2	94.1	98.0	98.0	98.0	98.0	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	64.7	88.2	94.1	98.0	98.0	98.0	98.0	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	64.7	88.2	94.1	98.0	98.0	98.0	98.0	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 51

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87

MONTH: JUL HOURS (LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		36.5	44.2	48.7	52.2	52.6	53.8	54.6	54.6	54.9	55.0	55.0	55.1	55.2	55.6	55.8
GE 2000	43.7	53.1	57.9	62.0	62.4	63.9	64.6	64.6	65.1	65.2	65.2	65.2	65.3	65.4	65.8	66.1
GE 1800	44.1	53.6	58.4	62.6	63.0	64.5	65.2	65.2	65.7	65.8	65.8	65.8	65.9	66.0	66.4	66.7
GE 1600	44.1	53.6	58.5	62.6	63.1	64.5	65.3	65.3	65.7	65.8	65.8	65.8	66.0	66.0	66.5	66.8
GE 1400	45.0	54.6	59.4	63.6	64.1	65.6	66.3	66.3	66.8	66.9	66.9	67.0	67.1	67.1	67.5	67.8
GE 1200	45.1	58.9	64.0	68.3	66.8	70.2	71.0	71.0	71.4	71.5	71.5	71.7	71.7	72.2	72.5	
GE 1000	52.4	62.7	67.8	72.6	73.2	75.0	75.8	75.8	76.3	76.4	76.4	76.7	76.7	77.2	77.5	
GE 900	52.7	63.0	68.2	73.0	73.6	75.5	76.2	76.2	76.8	76.9	76.9	77.1	77.1	77.6	77.9	
GE 800	54.9	65.7	71.1	76.0	76.6	78.5	79.3	79.3	79.9	80.0	80.0	80.3	80.4	80.9	81.2	
GE 700	55.2	66.0	71.4	76.4	77.0	78.9	79.7	79.7	80.3	80.4	80.4	80.7	80.7	81.3	81.6	
GE 600	55.6	66.4	72.1	77.3	77.9	79.8	80.6	80.6	81.2	81.3	81.3	81.6	81.7	82.2	82.5	
GE 500	56.7	67.7	73.5	78.8	79.4	81.4	82.2	82.2	82.8	82.9	82.9	83.2	83.2	83.8	84.1	
GE 400	56.8	67.8	73.6	78.9	79.5	81.5	82.3	82.3	82.9	83.0	83.0	83.3	83.3	83.9	84.2	
GE 400	57.2	68.2	74.1	79.4	80.0	82.1	82.8	82.8	83.5	83.6	83.6	83.9	83.9	84.5	84.8	
GE 350	57.9	69.1	75.0	80.4	81.0	83.1	83.9	83.9	84.6	84.6	84.6	84.9	85.0	85.5	85.9	
GE 300	59.4	70.7	76.9	82.8	83.5	85.7	86.4	86.4	87.3	87.4	87.4	87.6	87.7	88.2	88.6	
GE 250	60.9	73.0	79.4	85.4	86.1	88.5	89.2	89.2	90.1	90.2	90.2	90.5	90.5	91.1	91.4	
GE 200	62.5	75.3	81.8	87.9	88.6	90.9	91.7	91.7	92.6	92.7	92.7	93.0	93.0	93.6	93.9	
GE 180	62.8	75.6	82.2	88.2	88.9	91.3	92.0	92.0	93.0	93.0	93.0	93.3	93.4	93.9	94.3	
GE 150	63.5	77.0	83.9	90.4	91.1	93.6	94.4	94.4	95.4	95.5	95.5	95.8	95.8	96.4	96.7	
GE 120	63.7	77.4	84.4	90.9	91.6	94.1	95.0	95.0	96.0	96.1	96.1	96.4	96.5	97.0	97.3	
GE 100	64.3	78.1	85.3	92.1	92.8	95.4	96.4	96.4	97.4	97.5	97.5	97.9	97.9	98.5	98.8	
GE 900	64.5	78.2	85.4	92.2	93.0	95.6	96.5	96.5	97.6	97.7	97.7	98.0	98.1	98.7	99.0	
GE 800	64.5	78.4	85.7	92.6	93.3	96.0	96.9	96.9	97.9	98.1	98.1	98.5	98.5	99.1	99.4	
GE 700	64.5	78.4	85.7	92.6	93.3	96.0	96.9	96.9	97.9	98.1	98.1	98.5	98.5	99.1	99.4	
GE 600	64.5	78.4	85.7	92.6	93.4	96.1	97.0	97.0	98.0	98.2	98.2	98.6	98.6	99.2	99.5	
GE 500	64.7	78.6	85.9	92.8	93.6	96.3	97.2	97.2	98.3	98.5	98.5	98.9	98.9	99.5	99.9	
GE 400	64.7	78.6	86.0	92.9	93.7	96.4	97.3	97.3	98.4	98.6	98.6	99.0	99.0	99.6	100.0	
GE 300	64.7	78.6	86.0	92.9	93.7	96.4	97.3	97.3	98.4	98.6	98.6	99.0	99.0	99.6	100.0	
GE 200	64.7	78.6	86.0	92.9	93.7	96.4	97.3	97.3	98.4	98.6	98.6	99.0	99.0	99.6	100.0	
GE 100	64.7	78.6	86.0	92.9	93.7	96.4	97.3	97.3	98.4	98.6	98.6	99.0	99.1	99.7	100.0	
GE 0	64.7	78.6	86.0	92.9	93.7	96.4	97.3	97.3	98.4	98.6	98.6	99.0	99.1	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 2143

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
 MONTH: AUG 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	26.2	32.9	38.9	45.6	46.8	50.9	52.4	52.4	55.6	56.0	56.0	58.1	68.7	62.4	64.0	
GE 2000	25.7	38.0	44.6	52.3	53.6	58.3	60.3	60.3	63.6	64.2	64.2	66.7	67.5	71.8	73.6	
GE 1800	25.7	38.7	45.4	53.0	54.4	59.1	61.1	61.1	64.4	65.0	65.0	67.5	68.3	72.6	74.4	
GE 1600	25.7	38.7	45.4	53.0	54.4	59.1	61.1	61.1	64.4	65.7	65.0	67.5	68.3	72.6	74.4	
GE 1400	25.9	38.9	45.6	53.2	54.6	59.3	61.4	61.4	64.8	65.6	65.6	68.1	68.9	73.2	75.0	
GE 1200	30.9	40.5	47.4	55.4	56.8	61.8	64.0	64.0	67.3	68.1	68.1	70.6	71.4	75.7	77.5	
GE 1000	33.5	43.4	50.7	59.5	60.9	66.3	68.7	68.7	72.0	73.7	73.0	75.7	76.5	80.8	82.8	
GE 900	33.7	43.6	50.9	59.7	61.1	66.5	68.9	68.9	72.4	73.4	73.4	76.1	76.9	81.2	83.2	
GE 800	34.6	45.0	52.8	62.4	63.8	69.7	72.2	72.2	75.7	76.9	76.9	79.6	80.4	84.7	86.7	
GE 700	34.6	45.2	53.0	62.6	64.0	69.9	72.6	72.6	76.1	77.3	77.3	80.0	80.8	85.1	87.1	
GE 600	35.2	45.8	53.6	63.2	64.6	70.5	73.2	73.2	76.7	77.9	77.9	80.8	81.6	85.9	87.9	
GE 500	35.6	46.4	54.2	63.8	65.2	71.0	74.0	74.0	77.5	79.7	79.7	81.6	82.4	86.7	88.6	
GE 450	35.8	46.4	54.2	63.8	65.2	71.0	74.0	74.0	77.5	79.7	79.7	81.6	82.4	86.7	88.6	
GE 400	35.8	46.6	54.4	64.0	65.4	71.2	74.2	74.2	77.7	79.9	79.9	81.8	82.6	86.9	88.8	
GE 350	36.2	47.4	55.2	64.8	66.1	72.0	75.0	75.0	78.5	79.6	79.6	82.6	83.4	87.7	89.6	
GE 300	36.6	47.7	55.6	65.4	66.7	72.6	75.5	75.5	79.1	80.2	80.2	83.2	84.0	88.3	90.2	
GE 250	37.0	48.3	56.2	65.9	67.3	73.2	76.1	76.1	79.6	80.8	80.8	83.9	84.5	88.8	91.0	
GE 200	37.8	49.1	56.9	66.7	68.7	74.8	77.9	77.9	81.8	83.2	83.2	86.1	86.9	91.2	93.3	
GE 180	37.8	49.1	56.9	66.7	68.7	74.8	77.9	77.9	81.8	83.2	83.2	86.1	86.9	91.2	93.3	
GE 150	38.6	49.9	57.9	68.1	70.3	76.3	79.5	79.5	83.4	84.7	84.7	87.7	88.5	92.8	94.9	
GE 120	38.7	50.1	58.3	68.7	70.8	77.5	80.6	80.6	84.5	85.9	85.9	88.9	89.6	93.9	96.1	
GE 100	38.9	50.5	58.7	69.7	72.0	78.7	81.8	81.8	86.5	87.9	87.9	90.8	91.6	95.9	98.0	
GE 90	38.9	50.5	58.7	69.7	72.0	78.7	81.8	81.8	86.5	87.9	87.9	90.8	91.6	95.9	98.0	
GE 80	38.9	50.5	58.7	69.9	72.4	79.6	82.8	82.8	87.7	89.0	89.0	92.0	92.8	97.1	99.2	
GE 70	38.9	50.5	58.7	69.9	72.4	79.6	82.8	82.8	87.7	89.0	89.0	92.0	92.8	97.1	99.2	
GE 60	38.9	50.5	58.7	69.9	72.4	79.6	82.8	82.8	87.7	89.0	89.0	92.0	92.8	97.1	99.2	
GE 50	38.9	50.5	58.7	69.9	72.4	79.6	82.8	82.8	87.7	89.0	89.0	92.0	92.8	97.1	99.2	
GE 40	38.9	50.5	58.7	69.9	72.4	79.6	82.8	82.8	87.7	89.0	89.0	92.0	92.8	97.1	99.2	
GE 30	38.9	50.5	58.7	69.9	72.4	79.6	82.8	82.8	87.7	89.0	89.0	92.0	92.8	97.1	99.2	
GE 20	38.9	50.5	58.7	69.9	72.4	79.6	82.8	82.8	87.7	89.0	89.0	92.0	92.8	97.1	99.2	
GE 10	38.9	50.5	58.7	69.9	72.4	79.6	82.8	82.8	87.7	89.0	89.0	92.0	92.8	97.1	99.2	
GE 0	38.9	50.5	58.7	69.9	72.4	79.6	82.8	82.8	87.7	89.0	89.0	92.0	92.8	97.1	99.2	

TOTAL NUMBER OF OBSERVATIONS: 511

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
 MONTH: AUG HOURS(1ST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GF 5	GF 4	GE 3	GE 2 1/2	GE 2	GF 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																
GE 2000	32.9	41.4	48.0	50.9	51.0	53.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 1800	38.2	49.0	56.4	59.9	60.1	62.6	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 1600	39.5	50.4	57.8	61.4	61.5	64.1	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 1400	35.5	50.4	57.8	61.4	61.5	64.1	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 1200	35.8	50.7	58.1	61.7	61.8	64.4	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 1000	41.4	52.7	60.1	63.6	63.8	66.3	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 900	43.6	55.6	63.4	67.1	67.3	69.9	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 800	43.6	55.9	63.6	67.5	67.6	70.2	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 700	45.7	59.3	67.3	71.3	71.5	74.1	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 600	46.2	59.9	68.1	72.1	72.3	74.9	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 500	46.7	60.4	68.6	72.8	72.9	75.5	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 400	47.5	61.4	69.6	73.8	73.9	76.5	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 350	47.7	61.5	69.7	73.9	74.1	76.7	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 300	47.7	61.5	69.7	73.9	74.1	76.7	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 250	48.1	62.2	70.4	74.9	75.0	77.6	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 200	45.9	63.9	72.1	76.7	76.8	79.5	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 180	53.6	68.4	77.3	81.6	81.8	84.5	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 160	57.5	73.3	82.0	87.4	87.6	90.8	92.1	92.1	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9
GE 140	57.8	73.6	82.4	87.9	88.1	91.3	92.6	92.6	93.2	93.2	93.2	93.2	93.2	93.2	93.4	93.4
GE 120	55.6	75.5	84.7	91.2	90.3	93.6	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.7	95.7
GE 100	55.9	76.3	85.8	91.3	91.8	95.0	96.3	96.3	96.9	96.9	96.9	96.9	96.9	96.9	97.1	97.1
GE 90	60.2	76.8	86.6	92.1	92.6	95.8	97.1	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.9	97.9
GE 80	60.2	76.8	86.6	92.1	92.6	95.8	97.1	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.9	97.9
GE 70	60.2	76.8	86.6	92.1	92.6	95.8	97.1	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.9	97.9
GE 60	60.2	77.0	87.3	93.1	93.6	96.8	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.9	99.0	99.0
GE 50	60.4	77.1	87.6	93.6	94.0	97.3	98.6	98.6	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.5
GE 40	60.4	77.1	87.6	93.7	94.2	97.6	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.8	99.8	100.0
GE 30	60.4	77.1	87.6	93.7	94.2	97.6	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.8	99.8	100.0
GE 20	60.4	77.1	87.6	93.7	94.2	97.6	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.8	99.8	100.0
GE 10	60.4	77.1	87.6	93.7	94.2	97.6	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.8	99.8	100.0
GE 0	60.4	77.1	87.6	93.7	94.2	97.6	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 621

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE 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 1/2	1	1/2	1/4	1/4	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	79.6	37.5	43.2	45.8	46.0	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 20000	34.9	45.2	52.5	55.3	55.8	57.4	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.6
GE 18000	35.2	46.0	53.4	56.1	56.6	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 16000	35.2	46.0	53.4	56.1	56.6	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 14000	35.7	46.5	53.8	56.6	57.1	58.8	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 12000	38.5	49.9	57.9	60.7	61.2	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 10000	42.2	54.3	62.4	65.5	66.0	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 9000	42.2	54.3	62.4	65.5	66.0	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 8000	45.3	57.8	66.0	69.6	70.0	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 7000	45.7	58.1	66.3	70.0	70.5	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 6000	47.1	59.6	67.8	71.5	72.0	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 5000	47.3	59.7	67.9	71.8	72.3	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 4500	48.0	60.4	68.6	72.5	73.0	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 4000	48.4	60.9	69.1	73.0	73.5	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 3500	49.6	62.5	70.9	75.0	75.5	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 3000	52.2	66.0	74.8	79.2	79.7	81.8	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 2500	55.0	70.4	79.9	84.9	85.4	87.7	88.4	88.5	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2000	57.8	74.0	84.1	89.9	90.3	93.0	93.8	93.9	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1800	57.8	74.1	84.3	90.0	90.5	93.1	93.9	94.1	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1500	55.4	75.9	86.4	92.8	93.5	96.1	96.9	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1200	59.9	76.4	86.9	93.3	93.9	96.7	97.5	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	59.9	76.4	86.9	93.3	93.9	96.9	97.7	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	59.9	76.4	86.9	93.3	93.9	96.9	97.7	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	62.2	76.6	87.6	93.9	94.6	97.5	98.4	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	62.4	76.9	87.7	94.1	94.8	97.7	98.7	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	62.4	76.9	87.7	94.1	94.8	97.7	98.7	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	62.4	76.9	87.7	94.4	95.1	98.0	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	62.4	76.9	87.7	94.4	95.1	98.0	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	62.4	76.9	87.7	94.4	95.1	98.0	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	62.4	76.9	87.7	94.4	95.1	98.0	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	62.4	76.9	87.7	94.4	95.1	98.0	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	62.4	76.9	87.7	94.4	95.1	98.0	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 611

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE 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		27.9	39.1	44.8	46.6	46.6	47.4	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 20000	35.7	49.2	58.9	62.8	62.8	64.1	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 18000	35.7	49.2	58.9	62.8	62.8	64.1	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 16000	35.7	49.2	58.9	62.8	62.8	64.1	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 14000	36.5	50.3	60.2	64.1	64.1	65.4	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 12000	38.0	52.9	63.0	67.2	67.2	69.0	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 10000	42.4	57.8	68.0	72.1	72.1	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 9000	42.7	58.1	68.2	72.4	72.4	74.2	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 8000	44.8	60.4	70.6	75.5	75.5	77.3	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 7000	45.6	61.2	71.4	76.3	76.3	78.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 6000	47.4	63.0	73.2	78.1	78.4	80.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 5000	47.7	63.5	73.7	78.6	78.9	80.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 4500	47.7	63.5	73.7	78.6	78.9	80.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 4000	47.9	64.1	74.2	79.9	80.2	82.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 3500	49.0	65.9	76.6	82.3	82.6	84.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 3000	51.6	69.5	80.5	86.2	86.5	88.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 2500	53.4	71.6	83.1	89.3	89.8	91.9	93.0	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 2000	55.5	74.7	86.5	93.0	93.5	95.8	97.1	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1800	55.5	74.7	86.5	93.0	93.5	95.8	97.1	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1500	55.7	75.0	87.0	93.5	94.0	96.4	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	55.7	75.0	87.2	93.8	94.3	96.6	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	55.7	75.0	87.2	93.8	94.3	96.9	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	55.7	75.0	87.2	93.8	94.3	96.9	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	55.7	75.0	87.2	93.8	94.3	96.9	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	55.7	75.0	87.2	93.8	94.3	96.9	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	55.7	75.0	87.2	93.8	94.3	96.9	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	55.7	75.0	87.2	93.8	94.3	96.9	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	55.7	75.0	87.2	93.8	94.3	96.9	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	55.7	75.0	87.2	93.8	94.3	96.9	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	55.7	75.0	87.2	93.8	94.3	96.9	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	55.7	75.0	87.2	93.8	94.3	96.9	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 0	55.7	75.0	87.2	93.8	94.3	96.9	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 384

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74655C STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-87
MONTH: AUG HOURS(IST): 1800-2000

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	C	
NO CEIL	27.9	45.9	49.2	52.5	52.5	54.1	54.1	54.1	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	
GE 2000	32.8	54.1	63.9	70.5	70.5	72.1	72.1	72.1	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	
GE 1800	32.8	54.1	63.9	70.5	70.5	72.1	72.1	72.1	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	
GE 1600	32.8	54.1	63.9	70.5	70.5	72.1	72.1	72.1	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	
GE 1400	34.4	55.7	65.6	72.1	72.1	73.8	73.8	73.8	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	
GE 1200	36.1	57.4	68.9	75.4	75.4	77.0	77.0	77.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	
GE 1000	39.3	62.3	73.8	82.0	82.0	83.6	83.6	83.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	
GE 900	39.3	62.3	73.8	82.0	82.0	83.6	83.6	83.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	
GE 800	39.3	62.3	73.8	82.0	82.0	83.6	83.6	83.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	
GE 700	42.6	65.6	78.7	86.9	86.9	88.5	88.5	88.5	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	
GE 600	44.3	67.2	82.0	90.2	90.2	91.8	91.8	91.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
GE 500	44.3	67.2	82.0	90.2	90.2	91.8	91.8	91.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
GE 450	44.3	67.2	82.0	90.2	90.2	91.8	91.8	91.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
GE 400	44.3	67.2	82.0	90.2	90.2	91.8	91.8	91.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
GE 350	44.3	67.2	82.0	90.2	90.2	91.8	91.8	91.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
GE 300	44.3	67.2	82.0	90.2	90.2	91.8	91.8	91.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
GE 250	45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 200	45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 180	45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 160	45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 150	45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 140	45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 130	45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 120	45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 110	45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 100	45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 90	45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 80	45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 70	45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 60	45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 50	45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 40	45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 30	45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 20	45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 10	45.9	68.9	83.6	91.8	91.8	95.1	95.1	95.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	

TOTAL NUMBER OF OBSERVATIONS: 61

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87

MONTH: AUG HOURS(DST): 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	25.4	38.0	44.0	47.5	47.9	50.1	50.8	50.8	51.6	51.7	51.7	52.2	52.3	53.2	53.6	
GE 20000	34.7	45.5	53.2	57.6	58.1	60.7	61.6	61.6	62.4	62.6	62.6	63.2	63.3	64.4	64.8	
GE 18000	35.1	46.3	54.0	58.5	59.0	61.5	62.4	62.4	63.3	63.4	63.4	64.0	64.2	65.2	65.6	
GE 16000	35.1	46.3	54.0	58.5	59.0	61.5	62.4	62.4	63.3	63.4	63.4	64.0	64.2	65.2	65.6	
GE 14000	35.6	46.8	54.6	59.0	59.5	62.1	63.0	63.0	63.8	64.0	64.0	64.6	64.8	65.8	66.2	
GE 12000	37.4	49.2	57.3	61.8	62.3	65.1	66.0	66.0	66.9	67.0	67.0	67.6	67.8	69.8	69.2	
GE 10000	40.5	53.0	61.2	66.2	66.7	69.5	70.5	70.5	71.3	71.6	71.6	72.2	72.4	73.4	73.9	
GE 9000	40.6	53.2	61.4	66.4	66.9	69.7	70.7	70.7	71.6	71.8	71.8	72.4	72.6	73.6	74.1	
GE 8000	42.7	55.8	64.3	69.8	70.3	73.3	74.3	74.3	75.2	75.5	75.5	76.1	76.3	77.3	77.7	
GE 7000	43.1	56.4	64.9	70.5	71.0	73.9	75.1	75.1	76.0	76.2	76.2	76.9	77.1	78.1	78.5	
GE 6000	44.2	57.4	66.0	71.6	72.2	75.1	76.3	76.3	77.1	77.4	77.4	78.1	78.3	79.3	79.8	
GE 5000	44.7	58.0	66.6	72.2	72.8	75.7	76.9	76.9	77.8	78.1	78.1	78.7	78.9	79.9	80.4	
GE 4500	44.9	58.2	66.8	72.4	73.0	76.0	77.1	77.1	78.0	78.3	78.3	79.0	79.2	80.2	80.6	
GE 4000	45.1	58.5	67.1	72.9	73.4	76.4	77.6	77.6	78.4	78.7	78.7	79.4	79.6	80.6	81.0	
GE 3500	45.8	59.6	68.4	74.3	74.8	77.8	79.0	79.0	79.8	80.1	80.1	80.8	81.0	82.0	82.4	
GE 3000	47.6	61.8	70.7	76.8	77.3	80.5	81.7	81.7	82.7	83.0	83.0	83.6	83.8	84.8	85.3	
GE 2500	49.9	64.9	74.2	80.5	81.1	84.4	85.7	85.9	87.0	87.3	87.3	88.0	88.2	89.2	89.7	
GE 2000	52.3	68.0	77.6	84.4	85.1	88.7	90.3	90.4	91.8	92.1	92.1	92.8	93.0	94.0	94.5	
GE 1800	52.4	68.1	77.7	84.6	85.3	88.8	90.4	90.6	92.0	92.3	92.3	93.0	93.1	94.2	94.7	
GE 1500	53.6	69.4	79.3	86.4	87.2	90.9	92.5	92.6	94.0	94.3	94.3	95.0	95.2	96.3	96.8	
GE 1200	53.8	69.8	79.9	87.0	87.9	91.7	93.4	93.6	94.9	95.2	95.2	95.9	96.1	97.2	97.7	
GE 1000	54.0	70.0	80.2	87.5	88.4	92.3	94.1	94.2	95.8	96.1	96.1	96.8	97.0	98.1	98.6	
GE 900	54.0	70.0	80.2	87.5	88.4	92.3	94.1	94.3	95.8	96.2	96.2	96.9	97.1	98.1	98.6	
GE 800	54.1	70.1	80.5	87.9	88.9	92.9	94.7	94.9	96.5	96.8	96.8	97.5	97.7	98.8	99.3	
GE 700	54.1	70.2	80.6	88.0	89.0	93.1	94.9	95.1	96.7	97.0	97.0	97.8	97.9	99.0	99.5	
GE 600	54.2	70.2	80.7	88.2	89.2	93.2	95.1	95.2	96.8	97.2	97.2	97.9	98.1	99.2	99.7	
GE 500	54.2	70.2	80.7	88.3	89.4	93.4	95.2	95.4	97.0	97.3	97.3	98.2	98.4	99.4	99.9	
GE 400	54.2	70.2	80.7	88.3	89.4	93.4	95.2	95.4	97.0	97.3	97.3	98.2	98.4	99.4	99.9	
GE 300	54.2	70.2	80.7	88.3	89.4	93.5	95.3	95.5	97.1	97.4	97.4	98.2	98.4	99.5	100.0	
GE 200	54.2	70.2	80.7	88.3	89.4	93.5	95.3	95.5	97.1	97.4	97.4	98.3	98.4	99.5	100.0	
GE 100	54.2	70.2	80.7	88.3	89.4	93.5	95.3	95.5	97.1	97.4	97.4	98.3	98.4	99.5	100.0	
GE 0	54.2	70.2	80.7	88.3	89.4	93.5	95.3	95.5	97.1	97.4	97.4	98.3	98.4	99.5	100.0	

TOTAL NUMBER OF OBSERVATIONS: 2188

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.1	34.7	39.3	45.7	46.3	51.1	53.3	53.3	55.5	56.5	56.5	59.1	59.1	62.1	65.3	
GE 20000	30.1	37.9	42.7	49.9	50.5	55.3	57.7	57.7	60.5	61.5	61.5	64.3	64.5	67.7	71.5	
GE 18000	30.1	37.9	42.7	49.9	50.5	55.3	57.7	57.7	60.5	61.5	61.5	64.3	64.5	67.7	71.5	
GE 16000	30.1	37.9	42.7	49.9	50.5	55.3	57.7	57.7	60.5	61.5	61.5	64.3	64.5	67.7	71.5	
GE 14000	30.7	38.5	43.3	50.5	51.1	55.9	58.3	58.3	61.1	62.1	62.1	64.9	65.1	68.3	72.1	
GE 12000	31.3	39.1	44.1	51.7	52.3	57.3	59.7	59.7	62.7	63.7	63.7	66.7	66.9	70.5	74.3	
GE 10000	32.3	40.9	45.9	54.1	54.7	59.7	62.1	62.1	65.1	66.1	66.1	69.1	69.3	73.1	77.0	
GE 9200	32.7	41.3	46.3	54.7	55.3	60.3	62.7	62.7	65.7	66.7	66.7	69.7	69.9	73.7	77.6	
GE 8000	35.1	44.3	49.9	58.7	59.3	64.5	66.9	66.9	69.9	71.1	71.1	74.3	74.5	78.2	82.2	
GE 7000	35.3	44.5	50.3	59.1	59.7	64.9	67.3	67.3	70.3	71.5	71.5	74.7	74.9	78.8	82.8	
GE 6000	35.9	45.5	51.3	60.1	60.7	66.1	68.5	68.5	71.7	72.9	72.9	76.0	76.2	80.2	84.2	
GE 5000	36.5	46.1	51.9	60.9	61.5	66.9	69.3	69.3	72.5	73.7	73.7	76.8	77.0	81.0	85.0	
GE 4500	37.3	47.1	52.9	61.9	62.5	67.9	70.3	70.3	73.5	74.7	74.7	77.8	78.0	82.0	86.0	
GE 4000	38.5	48.7	54.5	63.7	64.3	69.7	72.1	72.1	75.2	76.4	76.4	79.6	79.8	83.8	87.8	
GE 3500	39.5	48.7	54.5	63.7	64.3	69.7	72.1	72.1	75.2	76.4	76.4	79.6	79.8	83.8	87.8	
GE 3000	38.7	48.9	54.7	64.5	65.3	70.7	73.1	73.1	76.2	77.4	77.4	80.6	80.8	84.8	88.8	
GE 2500	39.9	50.1	55.9	65.7	66.5	71.9	74.3	74.3	77.4	78.6	78.6	81.8	82.0	86.0	90.0	
GE 2000	40.5	50.9	56.9	66.7	67.5	73.1	75.4	75.4	78.8	80.0	80.0	83.4	83.6	87.6	91.6	
GE 1900	40.5	50.9	56.9	66.7	67.5	73.3	75.6	75.6	79.0	80.2	80.2	83.6	83.8	87.8	91.8	
GE 1500	40.5	50.9	57.1	66.9	67.7	74.3	76.6	76.6	80.2	81.4	81.4	85.0	85.2	89.2	93.2	
GE 1200	41.3	51.7	57.9	67.7	68.5	75.2	77.6	77.6	81.2	82.4	82.4	86.2	86.4	90.4	94.4	
GE 1000	41.7	52.3	58.7	69.5	70.3	77.0	79.4	79.4	83.4	84.6	84.6	88.4	88.6	92.6	96.6	
GE 900	41.9	52.5	59.3	70.1	70.9	77.6	80.0	80.0	84.0	85.2	85.2	89.0	89.2	93.2	97.2	
GE 800	41.9	52.5	59.3	70.1	70.9	77.6	80.0	80.0	84.0	85.2	85.2	89.0	89.2	93.2	97.2	
GE 700	41.9	52.5	59.5	70.3	71.1	77.8	80.2	80.2	84.2	85.4	85.4	89.2	89.4	93.4	97.4	
GE 600	41.9	52.5	59.5	70.3	71.1	77.8	80.2	80.2	84.2	85.4	85.4	89.2	89.4	93.4	97.4	
GE 500	42.3	52.9	60.3	71.5	72.3	79.2	81.8	81.8	85.8	87.0	87.0	90.8	91.0	95.0	99.0	
GE 400	42.3	52.9	60.3	71.5	72.3	79.2	81.8	81.8	85.8	87.0	87.0	90.8	91.0	95.0	99.0	
GE 300	42.3	52.9	60.3	71.7	72.5	79.6	82.2	82.2	86.2	87.4	87.4	91.2	91.4	95.4	99.4	
GE 200	42.3	52.9	60.3	71.7	72.5	79.6	82.2	82.2	86.2	87.4	87.4	91.2	91.4	95.4	99.6	
GE 100	42.3	52.9	60.3	71.7	72.5	79.6	82.2	82.2	86.2	87.4	87.4	91.2	91.4	95.4	99.6	
GE 0	42.3	52.9	60.3	71.7	72.5	79.6	82.2	82.2	86.2	87.4	87.4	91.2	91.4	95.4	100.0	

TOTAL NUMBER OF OBSERVATIONS: 501

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		45.3	53.5	56.8	59.6	59.6	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 2000	.2	51.0	60.2	63.7	66.9	66.9	67.1	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 1800	.2	51.0	60.2	63.7	66.9	66.9	67.1	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 1600	.2	51.0	60.2	63.7	66.9	66.9	67.1	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 1400	.2	51.7	60.9	64.6	67.8	67.8	68.0	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 1200	.2	52.6	61.9	65.7	68.8	68.8	69.0	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 1000	.2	53.5	63.9	67.8	71.2	71.2	71.3	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 900	.2	53.8	64.2	68.1	71.5	71.5	71.7	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 800	.2	59.3	70.1	74.7	78.1	78.1	78.2	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 700	.2	60.2	71.0	75.6	78.9	78.9	79.1	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 600	.2	60.9	71.7	76.3	79.6	79.6	79.8	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 500	.2	61.1	71.9	76.5	79.8	79.8	80.0	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 450	.2	61.6	72.4	77.0	80.4	80.4	80.5	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 400	.2	61.8	73.1	77.9	81.2	81.2	81.4	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 350	.2	62.1	73.5	78.2	81.6	81.6	81.8	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 300	.2	63.4	74.7	80.2	83.5	83.5	83.7	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 250	.2	67.4	78.9	84.6	88.0	88.0	88.1	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 200	.2	70.3	81.9	87.6	91.2	91.2	91.5	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 190	.2	70.8	82.7	88.3	91.9	91.9	92.2	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 180	.2	71.9	84.2	90.3	94.2	94.2	95.2	95.4	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 170	.2	72.0	84.4	90.4	94.3	94.3	95.6	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 160	.2	72.4	85.3	91.3	95.6	95.6	96.8	97.2	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 150	.2	72.6	85.5	91.5	95.8	95.8	97.0	97.3	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 140	.2	72.6	85.5	91.5	96.1	96.1	97.5	97.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 130	.2	72.6	85.5	91.5	96.1	96.1	97.5	97.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 120	.2	72.6	85.5	91.5	96.1	96.1	97.5	97.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 110	.2	72.6	85.5	91.7	96.5	96.5	98.1	98.8	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 100	.2	72.6	85.5	91.7	96.5	96.6	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90	.2	72.6	85.5	91.7	96.5	96.6	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80	.2	72.6	85.5	91.7	96.5	96.6	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70	.2	72.6	85.5	91.7	96.5	96.6	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60	.2	72.6	85.5	91.7	96.5	96.6	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 565

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS (LST): 1700-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GF 2 1/2	GE 2	GF 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GF 0
NO CEIL																
GE 20000	51.1	57.7	61.4	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 18000	51.1	57.7	61.4	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 16000	51.1	57.7	61.4	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 14000	51.7	58.3	62.2	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 12000	54.2	61.1	65.0	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 10000	56.9	64.8	68.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 9000	56.9	64.8	68.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 8000	61.3	69.1	73.2	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 7000	61.8	70.1	74.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 6000	62.2	70.5	74.6	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 5000	62.2	70.5	74.6	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 4500	62.6	71.0	75.1	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 4000	63.4	72.4	76.9	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 3500	64.6	74.2	78.7	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 3000	66.9	76.9	82.0	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 2500	72.0	83.2	88.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 2000	75.5	87.1	92.8	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1800	76.1	87.5	93.2	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1500	76.9	88.5	94.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1200	76.9	88.8	94.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1000	77.7	89.6	95.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 900	77.7	89.6	95.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 800	77.7	89.6	95.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 700	77.7	89.6	95.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 600	77.7	89.6	95.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 500	77.7	89.6	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 400	77.7	89.6	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	77.7	89.6	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 200	77.7	89.6	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 100	77.7	89.6	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 0	77.7	89.6	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS: 511

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
MONTH: SEP 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 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 7/8	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL			42.2	48.0	53.6	56.7	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 20000	53.1	67.7	67.6	72.0	72.0	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 18000	53.1	60.7	67.6	72.0	72.0	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 16000	53.1	60.7	67.6	72.0	72.0	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 14000	51.8	62.2	69.1	73.5	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 12000	54.9	63.6	71.3	76.0	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 10000	56.0	64.7	72.4	77.1	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 9000	56.4	65.1	72.7	77.5	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 8000	61.1	69.8	77.5	82.5	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 7000	62.9	71.6	79.3	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 6000	62.9	71.6	79.3	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 5000	62.9	72.0	79.6	84.7	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 4500	63.3	72.4	80.0	85.1	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 4000	64.4	74.2	82.2	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 3500	65.5	75.3	83.3	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 3000	67.6	77.5	85.5	90.9	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 2500	68.7	79.3	87.3	93.1	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 2000	70.5	81.5	89.8	95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1800	70.5	81.5	89.8	95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1500	70.5	81.5	91.3	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	70.5	81.5	91.3	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	70.5	81.5	91.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	70.5	81.5	91.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	70.5	81.5	91.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	70.5	81.5	91.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	70.5	81.5	91.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	70.5	81.5	91.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	70.5	81.5	91.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	70.5	81.5	91.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	70.5	81.5	91.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	70.5	81.5	91.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	70.5	81.5	91.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 275

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 746957 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79,81-85,87
MONTH: SEP HOURS(LST): 1800-2000

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
		96.7	96.7	50.0	60.0	63.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 20000	60.0	63.3	70.0	83.3	86.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 18000	60.0	63.3	70.0	83.3	86.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 16000	60.0	63.3	70.0	83.3	86.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 14000	60.0	63.3	70.0	83.3	86.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 12000	60.0	70.0	76.7	90.0	93.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 10000	60.0	70.0	76.7	90.0	93.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 9000	60.0	70.0	76.7	90.0	93.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 8000	60.0	70.0	76.7	90.0	93.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 7000	63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6000	63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000	63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1600	63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1400	63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	63.3	73.3	80.0	93.3	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 30

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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 CEILING																	
GE 20000		45.9	53.7	58.2	62.3	62.5	64.0	64.7	64.7	65.5	65.7	65.7	66.5	66.5	67.4	68.4	
GE 18000		45.9	53.7	58.2	62.3	62.5	64.0	64.7	64.7	65.5	65.7	65.7	66.5	66.5	67.4	68.4	
GE 16000		45.9	53.7	58.2	62.3	62.5	64.0	64.7	64.7	65.5	65.7	65.7	66.5	66.5	67.4	68.4	
GE 14000		46.5	54.5	59.0	63.2	63.4	64.8	65.5	65.5	66.3	66.6	66.6	67.3	67.4	68.2	69.2	
GE 12000		47.8	56.0	60.7	65.0	65.2	66.7	67.4	67.4	68.3	68.5	68.5	69.3	69.4	70.4	71.4	
GE 10000		49.3	58.2	63.0	67.5	67.7	69.2	69.9	69.9	70.8	71.0	71.0	71.8	71.9	72.9	74.0	
GE 9000		49.5	58.5	63.3	67.9	68.1	69.6	70.2	70.2	71.1	71.4	71.4	72.2	72.2	73.2	74.3	
GE 8000		51.7	62.9	68.1	72.9	73.1	74.7	75.3	75.3	76.2	76.5	76.5	77.4	77.4	78.4	79.5	
GE 7000		54.5	63.6	69.1	73.9	74.1	75.6	76.3	76.3	77.2	77.5	77.5	78.3	78.4	79.4	80.5	
GE 6000		54.9	64.4	69.7	74.4	74.7	76.2	76.9	76.9	77.6	77.9	77.9	78.7	79.0	80.1	81.2	
GE 5000		55.2	64.7	69.9	74.8	75.0	76.6	77.3	77.3	78.2	78.5	78.5	79.3	79.4	80.4	81.5	
GE 4000		55.7	65.3	70.6	75.4	75.6	77.2	77.9	77.9	78.8	79.1	79.1	80.0	80.0	81.1	82.1	
GE 4000		56.4	66.6	72.1	76.9	77.2	78.7	79.4	79.4	80.3	80.7	80.7	81.5	81.6	82.6	83.7	
GE 3500		57.1	67.3	72.8	77.7	77.9	79.5	80.2	80.2	81.1	81.5	81.5	82.3	82.4	83.4	84.5	
GE 3000		58.4	68.8	74.7	79.8	80.0	81.6	82.3	82.3	83.2	83.5	83.5	84.4	84.4	85.5	86.6	
GE 2500		61.7	72.4	78.4	83.6	83.9	85.5	86.2	86.2	87.1	87.4	87.4	88.3	88.3	89.4	90.4	
GE 2000		63.8	74.9	81.0	86.3	86.6	88.3	89.0	89.0	90.0	90.3	90.3	91.2	91.3	92.3	93.4	
GE 1800		64.0	75.2	81.3	86.6	86.9	88.7	89.4	89.4	90.4	90.7	90.7	91.6	91.7	92.7	93.8	
GE 1500		64.6	75.9	82.5	87.9	88.2	90.5	91.2	91.2	92.3	92.6	92.6	93.6	93.6	94.7	95.7	
GE 1200		64.8	76.3	82.9	88.6	88.8	91.1	92.0	92.0	93.0	93.4	93.4	94.4	94.4	95.5	96.5	
GE 1000		65.2	76.9	83.6	89.8	90.1	92.6	93.3	93.3	94.6	94.9	94.9	95.9	96.0	97.0	98.1	
GE 900		65.4	77.0	83.8	90.0	90.3	92.8	93.5	93.5	94.8	95.1	95.1	96.1	96.2	97.2	98.3	
GE 800		65.4	77.0	83.8	90.1	90.4	92.9	93.7	93.7	95.0	95.3	95.3	96.3	96.3	97.4	98.5	
GE 700		65.4	77.0	83.8	90.2	90.5	93.0	93.8	93.8	95.1	95.4	95.4	96.4	96.4	97.5	98.6	
GE 600		65.4	77.0	83.8	90.2	90.5	93.0	93.8	93.8	95.1	95.4	95.4	96.4	96.4	97.5	98.6	
GE 500		65.5	77.2	84.2	90.8	91.1	93.7	94.6	94.6	95.9	96.2	96.2	97.2	97.3	98.4	99.4	
GE 400		65.5	77.2	84.2	90.8	91.1	93.8	95.0	95.0	96.2	96.5	96.5	97.6	97.6	98.7	99.7	
GE 300		65.5	77.2	84.2	90.9	91.2	93.9	95.1	95.1	96.3	96.7	96.7	97.7	97.7	98.8	99.8	
GE 200		65.5	77.2	84.2	90.9	91.2	93.9	95.1	95.1	96.3	96.7	96.7	97.7	97.7	98.8	99.8	
GE 100		65.5	77.2	84.2	90.9	91.2	93.9	95.1	95.1	96.3	96.7	96.7	97.7	97.7	98.8	99.8	
GE 0		65.5	77.2	84.2	90.9	91.2	93.9	95.1	95.1	96.3	96.7	96.7	97.7	97.7	98.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 1962

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86

MONTH: OCT 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 7/8	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	24.2	30.1	33.1	37.9	38.1	40.3	42.1	42.1	43.7	45.3	45.7	47.3	47.3	50.3	57.3	57.5
GE 20000	26.7	32.5	35.5	40.5	40.7	43.5	45.5	45.5	47.3	49.9	49.3	51.3	51.3	54.5	62.3	62.3
GE 18000	26.9	32.7	35.9	40.9	41.1	43.9	45.9	45.9	47.7	49.3	49.7	51.7	51.7	54.9	62.7	62.7
GE 16000	26.9	32.7	35.9	40.9	41.1	43.9	45.9	45.9	47.7	49.3	49.7	51.7	51.7	54.9	62.7	62.7
GE 14000	27.3	33.1	36.3	41.3	41.5	44.3	46.3	46.3	48.1	49.7	50.1	52.1	52.1	55.3	63.1	63.1
GE 12000	28.3	34.1	37.3	42.3	42.5	45.3	47.3	47.3	49.1	50.7	51.1	53.3	53.3	56.5	64.5	64.5
GE 10000	30.3	36.3	39.5	44.7	44.9	48.5	50.5	50.5	52.5	54.1	54.5	56.7	56.7	59.9	68.5	68.5
GE 9000	30.5	36.5	39.7	44.9	45.1	48.9	50.9	50.9	52.9	54.7	55.1	57.3	57.3	60.5	69.1	69.1
GE 8000	32.3	40.7	44.5	50.3	50.5	54.5	56.7	56.7	58.7	60.5	60.9	63.1	63.1	66.3	74.9	74.9
GE 7000	33.5	41.1	44.9	50.9	51.1	55.1	57.3	57.3	59.5	61.3	61.7	63.9	63.9	67.1	75.6	75.6
GE 6000	33.9	41.5	45.5	51.5	51.7	55.7	57.9	57.9	60.1	61.9	62.3	64.5	64.5	67.7	76.4	76.4
GE 5000	34.7	42.3	46.3	52.3	52.5	56.5	58.7	58.7	60.9	62.7	63.1	65.5	65.5	69.7	77.4	77.4
GE 4500	35.1	42.7	46.7	52.7	52.9	56.9	59.1	59.1	61.3	63.1	63.5	65.9	65.9	69.1	77.8	77.8
GE 4000	35.9	43.7	47.9	54.1	54.3	58.3	60.5	60.5	62.7	64.5	64.9	67.3	67.3	70.5	79.2	79.2
GE 3500	36.3	44.1	48.3	54.5	54.7	58.7	60.9	60.9	63.1	64.9	65.3	67.7	67.7	70.9	79.6	79.6
GE 3000	36.7	44.5	48.5	54.9	55.1	59.1	61.3	61.3	63.5	65.3	65.7	68.1	68.1	71.3	80.0	80.0
GE 2500	37.5	46.7	51.1	57.7	57.9	61.9	64.1	64.1	66.5	68.3	68.7	71.1	71.1	74.3	83.0	83.0
GE 2000	37.9	47.3	51.7	58.5	59.1	63.1	65.3	65.3	67.7	69.5	69.9	72.3	72.3	75.6	84.4	84.4
GE 1800	38.5	47.9	52.3	59.3	59.9	63.9	66.1	66.1	68.5	70.3	70.7	73.1	73.1	76.4	85.2	85.2
GE 1600	39.1	49.3	54.3	61.5	62.1	66.1	68.3	68.3	70.9	72.7	73.1	75.6	75.6	79.0	87.6	87.6
GE 1400	39.9	50.1	55.1	62.3	62.9	66.9	69.1	69.1	71.7	73.5	73.9	76.6	76.6	80.0	88.8	88.8
GE 1200	40.5	51.3	56.3	63.5	64.3	68.5	71.7	71.7	74.3	76.1	76.5	79.2	79.2	82.6	91.4	91.4
GE 1000	40.9	51.7	56.7	63.9	64.7	68.9	72.1	72.1	74.7	76.5	76.9	79.6	79.6	83.0	91.8	91.8
GE 900	40.9	51.7	56.7	63.9	64.7	68.9	72.1	72.1	74.7	76.5	76.9	79.6	79.6	83.0	91.8	91.8
GE 800	41.3	52.1	57.1	64.5	65.3	70.5	72.7	72.7	75.4	77.2	77.6	80.2	80.2	83.6	92.4	92.4
GE 700	41.3	52.1	57.1	64.5	65.3	70.5	72.7	72.7	75.4	77.2	77.6	80.2	80.2	83.6	92.4	92.4
GE 600	41.7	52.5	57.5	65.1	65.9	71.1	73.3	73.3	76.0	77.8	78.2	80.8	80.8	84.2	93.0	93.0
GE 500	41.7	52.5	57.5	65.1	65.9	71.1	73.3	73.3	76.0	77.8	78.2	80.8	80.8	84.2	93.0	93.0
GE 400	41.7	52.5	57.5	65.1	65.9	71.1	73.3	73.3	76.0	77.8	78.2	80.8	80.8	84.2	93.0	93.0
GE 300	41.7	52.5	57.5	65.1	65.9	71.1	73.3	73.3	76.0	77.8	78.2	80.8	80.8	84.2	93.0	93.0
GE 200	41.7	52.5	57.5	65.1	65.9	71.1	73.3	73.3	76.0	77.8	78.2	80.8	80.8	84.2	93.0	93.0
GE 100	41.7	52.5	57.5	65.1	65.9	71.1	73.3	73.3	76.0	77.8	78.2	80.8	80.8	84.2	93.0	93.0
GE 0	41.7	52.5	57.5	65.1	65.9	71.1	73.3	73.3	76.0	77.8	78.2	80.8	80.8	84.2	93.0	93.0

TOTAL NUMBER OF OBSERVATIONS: 499

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DAPE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86

MONTH: OCT HOURS(LST): 0900-1100

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		46.3	54.6	56.5	56.8	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 2000		52.8	59.9	62.2	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 1800		53.0	60.2	62.5	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 1600		53.0	60.2	62.5	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 1400		53.3	60.5	62.8	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 1200		55.2	62.8	65.5	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 1000		58.8	66.7	69.7	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 900		59.1	67.1	70.4	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 800		61.7	70.5	73.8	75.0	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 700		62.8	72.5	75.7	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 600		63.3	73.6	76.8	78.3	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 500		64.1	74.4	77.6	79.2	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 450		64.4	74.7	77.9	79.5	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 400		64.7	75.4	78.7	80.4	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 350		65.5	76.2	79.5	81.2	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 300		67.5	78.4	82.3	83.7	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 250		68.6	80.4	83.9	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 200		69.9	81.6	85.2	87.6	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 180		70.9	82.6	86.2	88.6	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 150		71.8	83.9	87.9	90.3	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 100		72.3	84.7	89.0	91.5	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 100		73.3	85.7	90.7	93.6	93.9	94.4	94.4	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 90		73.3	85.7	90.7	93.6	93.9	94.4	94.4	94.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 80		73.8	86.2	91.1	94.0	94.7	95.2	95.2	95.2	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0
GE 70		74.4	86.8	91.8	94.7	95.3	95.8	95.8	95.8	96.5	96.5	96.5	97.1	97.1	97.1	97.1	97.1
GE 60		74.7	87.1	92.3	95.3	96.0	96.5	96.5	96.5	97.1	97.1	97.1	97.7	97.7	97.7	97.7	97.7
GE 50		74.7	87.3	92.9	96.0	96.6	97.1	97.1	97.1	97.7	97.7	97.7	98.4	98.4	98.4	98.4	98.4
GE 40		74.7	87.3	92.9	96.0	96.8	97.4	97.4	97.4	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7
GE 30		74.7	87.3	92.9	96.1	97.3	97.9	97.9	97.9	98.6	98.6	98.6	99.2	99.2	99.2	99.2	99.2
GE 20		74.7	87.3	92.9	96.1	97.3	97.9	97.9	97.9	98.6	98.6	98.6	99.2	99.2	99.2	99.2	99.2
GE 10		74.7	87.3	92.9	96.1	97.4	98.1	98.1	98.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4
GE 0		74.7	87.3	92.9	96.1	97.4	98.1	98.1	98.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 621

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GF 2 1/2	GE 2	GF 1 1/2	GE 1 1/4	GE 1	GF 3/4	GF 5/8	GE 1/2	GF 5/16	GE 1/4	GF 0
NO CEIL	48.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 20000	56.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 18000	56.7	61.9	61.9	61.9	61.9	61.9	62.1	62.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 16000	56.7	61.9	61.9	61.9	61.9	61.9	62.1	62.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 14000	57.0	62.3	62.3	62.3	62.3	62.3	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 12000	59.7	65.2	65.4	65.4	65.4	65.4	65.7	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 10000	65.2	71.0	71.3	71.5	71.5	71.5	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 9000	65.9	71.7	72.0	72.2	72.2	72.2	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 8000	67.4	73.2	73.5	73.7	73.7	73.7	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 7000	68.6	74.6	74.9	75.1	75.1	75.1	75.4	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 6000	68.8	75.1	75.4	75.6	75.6	75.6	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 5000	69.5	76.1	76.8	77.0	77.0	77.0	77.3	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 4500	69.6	76.3	77.0	77.1	77.1	77.1	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 4000	69.8	76.5	77.3	77.5	77.5	77.5	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 3500	71.2	77.8	78.7	78.8	78.8	78.8	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 3000	74.6	81.6	82.4	82.6	82.6	82.6	83.1	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 2500	75.8	82.9	84.0	85.0	85.3	85.3	85.8	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 2000	78.0	85.2	86.2	87.4	87.7	88.2	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1800	78.2	85.3	86.3	87.5	87.9	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1600	80.0	87.5	89.4	91.3	91.6	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.5	92.5	92.5	92.5
GE 1400	81.1	88.6	90.4	92.3	92.7	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.5	93.5	93.5	93.5
GE 1200	82.3	89.8	92.3	94.2	94.5	95.1	95.1	95.1	95.1	95.7	95.7	95.7	95.9	95.9	95.9	95.9
GE 1000	82.3	89.8	92.3	94.2	94.5	95.1	95.2	95.2	95.2	95.5	95.5	95.5	96.1	96.1	96.1	96.1
GE 900	82.6	90.3	93.2	95.4	95.7	96.2	96.2	96.2	96.2	96.9	96.9	96.9	97.6	97.6	97.6	97.6
GE 800	82.6	90.3	93.2	95.4	95.7	96.2	96.6	96.6	96.6	97.3	97.3	97.3	98.0	98.0	98.0	98.0
GE 700	82.6	90.3	93.5	95.9	96.2	97.3	97.3	97.3	97.3	98.0	98.0	98.0	98.6	98.6	98.6	98.6
GE 600	82.6	90.3	93.5	95.9	96.2	97.3	97.3	97.3	97.3	98.0	98.0	98.0	98.6	98.6	98.6	98.6
GE 500	82.8	90.4	93.9	96.4	96.8	98.0	98.1	98.1	98.1	98.8	98.8	98.8	99.5	99.5	99.5	99.5
GE 400	82.8	90.4	93.9	96.4	96.8	98.0	98.1	98.1	98.1	98.8	98.8	98.8	99.5	99.5	99.5	99.5
GE 300	82.8	90.6	94.0	96.9	97.3	98.5	98.6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0
GE 200	82.8	90.6	94.0	96.9	97.3	98.5	98.6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0
GE 100	82.8	90.6	94.0	96.9	97.3	98.5	98.6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0
GE 0	82.8	90.6	94.0	96.9	97.3	98.5	98.6	98.6	98.6	99.3	99.3	99.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 566

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	49.8	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 20000	55.2	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 18000	60.8	68.4	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 16000	60.8	68.4	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 14000	60.8	68.4	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 12000	62.4	70.0	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 10000	66.7	76.3	76.7	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 9000	65.4	77.0	77.4	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 8000	70.7	78.3	79.0	79.0	79.0	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 7000	71.4	79.0	79.7	79.7	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 6000	72.1	79.7	80.4	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 5000	72.1	80.4	81.1	81.1	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 4500	72.4	80.6	81.3	81.3	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 4000	73.0	81.6	82.5	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 3500	73.7	82.3	83.2	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 3000	76.3	85.3	86.2	86.2	86.2	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 2500	77.6	86.9	88.7	88.7	88.7	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2000	75.0	88.2	90.3	90.3	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1800	75.0	88.2	90.3	90.3	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1500	81.3	90.6	92.6	92.6	92.6	92.6	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1200	82.0	91.2	93.3	93.3	93.3	93.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1000	82.7	91.9	94.2	94.2	94.2	94.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 900	82.9	92.2	94.5	94.5	94.5	94.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 800	83.2	92.4	94.9	94.9	94.9	94.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 700	83.2	92.4	94.9	94.9	94.9	94.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 600	83.2	92.4	94.9	94.9	94.9	94.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 500	83.2	92.4	94.9	94.9	94.9	94.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 400	83.2	92.4	94.9	94.9	94.9	94.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 300	83.2	92.6	95.2	95.2	95.2	95.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 200	93.2	92.6	95.2	95.2	95.2	95.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 100	83.2	92.6	95.2	95.2	95.2	95.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 0	83.2	92.6	95.2	95.2	95.2	95.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3

TOTAL NUMBER OF OBSERVATIONS: 434

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-86
MONTH: OCT HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0
NO CEIL	1.5	66.3	67.6	67.6	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 20000	2.9	66.2	75.0	75.0	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 18000	4.4	69.1	79.4	79.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 16000	4.4	69.1	79.4	79.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 14000	4.4	69.1	79.4	79.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 12000	4.4	69.1	79.4	79.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 10000	4.4	69.1	80.9	80.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 9000	4.4	69.1	80.9	80.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 8000	4.4	70.6	82.4	82.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 7000	4.4	72.1	83.8	83.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 6000	4.4	72.1	83.8	83.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 5000	4.4	72.1	83.8	83.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 4500	4.4	72.1	83.8	83.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 4000	4.4	72.1	83.8	83.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 3500	4.4	73.5	85.3	85.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 3000	4.4	73.5	85.3	85.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 2500	4.4	73.5	86.8	86.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 2000	4.4	76.5	89.7	91.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1800	4.4	76.5	89.7	91.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1500	4.4	76.5	89.7	91.2	94.1	94.1	94.1	94.1	94.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1200	4.4	76.5	89.7	91.2	94.1	94.1	94.1	94.1	94.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1000	4.4	77.9	91.2	92.6	95.6	95.6	97.1	97.1	97.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	4.4	77.9	91.2	92.6	95.6	95.6	97.1	97.1	97.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 800	4.4	77.9	91.2	92.6	95.6	95.6	98.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	4.4	77.9	91.2	92.6	95.6	95.6	98.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	4.4	77.9	91.2	92.6	95.6	95.6	98.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	4.4	77.9	91.2	92.6	95.6	95.6	98.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	4.4	77.9	91.2	92.6	95.6	95.6	98.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	4.4	77.9	91.2	92.6	95.6	95.6	98.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	4.4	77.9	91.2	92.6	95.6	95.6	98.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	4.4	77.9	91.2	92.6	95.6	95.6	98.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	4.4	77.9	91.2	92.6	95.6	95.6	98.5	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 68

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE AC

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 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		.0	43.6	49.3	50.6	51.8	51.9	52.4	52.8	52.8	53.1	53.5	53.6	53.9	53.9	54.6	56.3
GE 20000		.1	49.6	56.0	57.4	58.7	58.8	59.4	59.9	59.9	60.3	60.6	60.7	61.2	61.2	61.9	63.7
GE 18000		.1	50.1	56.7	58.1	59.5	59.5	60.2	60.6	60.6	61.1	61.5	61.5	62.0	62.0	62.7	64.5
GE 16000		.1	50.1	56.7	58.1	59.5	59.5	60.2	60.6	60.6	61.1	61.5	61.5	62.0	62.0	62.7	64.5
GE 14000		.1	50.4	56.9	58.4	59.7	59.8	60.6	61.0	61.0	61.5	61.9	61.9	62.4	62.4	63.1	64.9
GE 12000		.1	52.2	58.9	60.5	61.9	62.0	62.7	63.2	63.2	63.6	64.0	64.1	64.6	64.6	65.3	67.1
GE 10000		.1	56.3	63.3	65.0	66.7	66.8	67.7	68.2	68.2	68.7	69.0	69.1	69.6	69.6	70.3	72.3
GE 9000		.1	56.7	63.8	65.6	67.2	67.3	68.3	68.8	68.8	69.2	69.7	69.7	70.2	70.2	71.0	72.9
GE 8000		.1	58.8	66.4	68.4	70.2	70.2	71.3	71.8	71.8	72.3	72.7	72.8	73.3	73.3	74.0	76.0
GE 7000		.1	59.7	67.6	69.6	71.4	71.5	72.6	73.1	73.1	73.6	74.0	74.1	74.6	74.6	75.4	77.3
GE 6000		.1	60.1	68.3	70.3	72.1	72.2	73.3	73.8	73.8	74.4	74.8	74.9	75.4	75.4	76.1	78.0
GE 5000		.1	60.7	69.1	71.2	73.1	73.2	74.3	74.8	74.8	75.3	75.7	75.8	76.4	76.4	77.1	79.0
GE 4500		.1	61.0	69.3	71.5	73.4	73.5	74.5	75.0	75.0	75.6	76.0	76.1	76.6	76.6	77.4	79.3
GE 4000		.1	61.4	70.0	72.3	74.2	74.3	75.4	75.9	75.9	76.4	76.9	76.9	77.5	77.5	78.2	80.2
GE 3500		.1	62.3	70.8	73.1	75.1	75.2	76.3	76.8	76.8	77.3	77.7	77.8	78.4	78.4	79.1	81.0
GE 3000		.1	64.3	73.3	75.7	77.7	77.9	79.0	79.5	79.5	80.1	80.5	80.6	81.2	81.2	81.9	83.8
GE 2500		.1	65.4	74.9	77.5	80.0	80.2	81.4	81.9	81.9	82.6	83.0	83.1	83.6	83.6	84.3	86.3
GE 2000		.1	66.8	76.4	79.1	81.8	82.1	83.4	83.9	83.9	84.5	85.0	85.1	85.6	85.6	86.3	88.3
GE 1800		.1	67.3	76.8	79.5	82.3	82.6	83.9	84.4	84.4	85.0	85.5	85.6	86.1	86.1	86.8	88.8
GE 1500		.1	68.6	78.5	81.7	84.8	85.1	86.4	86.9	86.9	87.7	88.1	88.2	88.8	88.8	89.6	91.6
GE 1200		.1	69.3	79.3	82.7	85.7	86.1	87.3	87.8	87.8	88.6	89.0	89.1	89.8	89.8	90.5	92.5
GE 1000		.1	70.2	80.4	84.1	87.3	87.7	89.4	89.9	89.9	90.9	91.4	91.5	92.1	92.1	92.9	94.9
GE 900		.1	70.4	80.5	84.2	87.5	87.9	89.6	90.1	90.1	91.2	91.6	91.7	92.3	92.3	93.1	95.1
GE 800		.1	70.7	80.8	84.7	88.0	88.5	90.3	90.8	90.8	92.0	92.4	92.5	93.4	93.4	94.2	96.2
GE 700		.1	70.9	81.1	85.0	88.3	88.8	90.7	91.2	91.2	92.4	92.8	92.9	94.0	94.0	94.7	96.7
GE 600		.1	71.0	81.2	85.2	88.8	89.3	91.2	91.7	91.7	92.9	93.3	93.4	94.5	94.5	95.2	97.2
GE 500		.1	71.2	81.5	85.7	89.5	90.0	92.1	92.8	92.8	94.1	94.5	94.6	95.7	95.7	96.4	98.5
GE 400		.1	71.2	81.5	85.7	89.6	90.1	92.3	93.1	93.1	94.3	94.7	94.8	95.9	95.9	96.6	98.7
GE 300		.1	71.2	81.6	85.8	89.8	90.5	92.8	93.5	93.5	94.7	95.2	95.3	96.3	96.3	97.1	99.2
GE 200		.1	71.2	81.6	85.8	89.8	90.5	92.8	93.5	93.5	94.7	95.2	95.3	96.3	96.4	97.2	99.4
GE 100		.1	71.2	81.6	85.8	89.8	90.6	92.8	93.6	93.6	94.8	95.3	95.4	96.4	96.5	97.3	99.9
GE 0		.1	71.2	81.6	85.8	89.8	90.6	92.8	93.6	93.6	94.8	95.3	95.4	96.4	96.5	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 2208

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		27.3	32.5	35.2	38.2	38.7	41.6	43.3	43.8	44.6	45.3	45.3	47.5	47.5	50.0	51.7
GE 2000		27.8	31.7	36.5	39.4	39.9	42.9	44.6	45.1	45.8	46.6	46.6	49.3	49.3	51.7	53.4
GE 1800		27.8	34.2	37.2	40.6	41.1	44.1	45.8	46.3	47.0	47.8	47.8	50.5	50.5	53.0	54.7
GE 1600		27.8	34.2	37.4	40.9	41.4	44.3	46.1	46.6	47.3	48.0	48.0	50.7	50.7	53.2	54.9
GE 1400		27.8	34.5	37.7	41.1	41.6	44.6	46.3	46.8	47.5	48.3	48.3	51.0	51.0	53.4	55.2
GE 1200		29.6	36.2	39.4	42.9	43.3	46.3	48.0	48.5	49.3	50.2	50.2	53.0	53.0	55.4	57.1
GE 1000		31.0	39.4	41.6	45.6	46.1	49.5	51.2	51.7	52.5	53.7	53.7	56.9	56.9	59.9	61.5
GE 900		31.0	33.4	41.6	45.6	46.1	49.5	51.2	51.7	52.5	53.7	53.7	56.9	56.9	59.9	61.8
GE 800		33.5	40.9	44.8	49.5	50.2	54.2	56.2	56.7	57.4	58.6	58.6	61.8	62.3	64.8	66.7
GE 700		34.7	42.1	46.1	50.7	51.5	55.4	57.6	58.1	58.9	60.1	60.1	63.3	63.6	66.3	68.2
GE 600		35.2	42.9	46.8	51.7	52.5	56.4	58.6	59.1	59.9	61.1	61.1	64.3	64.8	67.2	69.2
GE 500		36.9	44.6	48.5	53.4	54.2	58.1	60.3	60.8	61.6	62.8	62.8	66.0	66.5	69.0	70.9
GE 400		36.9	44.6	48.5	53.4	54.2	58.1	60.3	60.8	61.6	62.8	62.8	66.0	66.5	69.0	70.9
GE 300		40.6	48.5	52.7	57.9	58.6	62.6	64.8	65.3	66.0	67.2	67.2	70.4	70.9	73.4	75.4
GE 250		41.6	49.5	53.7	58.9	59.6	64.0	66.3	66.7	67.5	69.7	69.7	71.9	72.4	74.9	76.8
GE 200		43.1	51.5	55.9	61.3	62.1	67.0	69.2	69.7	70.4	71.9	71.9	75.1	75.6	78.1	80.5
GE 150		45.3	53.7	58.1	63.5	64.3	69.2	71.4	71.9	72.7	74.1	74.1	77.3	77.8	80.3	82.8
GE 100		46.1	54.4	58.9	64.3	65.0	70.4	72.7	73.2	74.4	75.9	75.9	79.1	80.0	82.5	85.0
GE 50		46.1	54.4	58.9	64.3	65.3	70.7	72.9	73.4	74.6	76.1	76.1	79.3	80.3	82.8	85.2
GE 0		46.3	55.4	59.9	65.8	66.5	72.2	74.4	74.9	76.1	77.6	77.6	81.0	82.0	84.5	86.9
GE 1000		47.0	56.2	60.6	66.7	67.5	73.2	75.4	75.9	77.1	78.6	78.6	82.3	83.3	85.7	88.2
GE 1000		47.3	56.7	61.3	68.0	68.7	74.9	77.3	77.8	79.8	81.5	81.5	85.2	86.2	88.7	91.1
GE 900		47.3	56.7	61.3	68.0	68.7	74.9	77.6	78.1	80.0	81.8	81.8	85.5	86.5	88.9	91.4
GE 800		47.5	57.1	62.3	69.0	69.7	75.9	78.6	79.1	81.6	83.5	83.5	87.2	88.2	90.6	93.1
GE 700		47.5	57.1	62.3	69.0	69.7	75.9	78.6	79.1	81.8	83.5	83.5	87.2	88.2	90.6	93.1
GE 600		47.5	57.1	62.3	69.0	69.7	75.9	78.8	79.3	82.0	83.7	83.7	87.4	88.4	90.9	93.3
GE 500		47.5	57.4	63.3	70.4	71.4	78.1	81.3	81.8	84.5	86.2	86.2	89.9	90.9	93.8	96.8
GE 400		47.5	57.4	63.3	70.4	71.4	78.6	81.8	82.3	85.0	86.7	86.7	90.4	91.4	94.3	97.3
GE 300		48.0	57.9	63.8	70.9	71.9	79.1	82.5	83.0	85.7	87.7	87.7	91.4	92.4	95.3	98.5
GE 200		48.0	57.9	63.8	70.9	71.9	79.1	82.5	83.0	85.7	87.7	87.7	91.4	92.4	95.3	98.8
GE 100		48.0	57.9	63.8	70.9	71.9	79.1	82.5	83.0	85.7	87.7	87.7	91.4	92.4	95.3	99.8
GE 0		48.0	57.9	63.8	70.9	71.9	79.1	82.5	83.0	85.7	87.7	87.7	91.4	92.4	95.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 406

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746952 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS: 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	43.7	48.9	50.6	51.6	51.6	51.8	51.8	51.9	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8		
GE 2000	47.5	53.3	55.2	56.2	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5		
GE 1800	47.5	53.3	55.2	56.2	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5		
GE 1600	47.5	53.3	55.2	56.2	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5		
GE 1400	47.5	53.3	55.2	56.2	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5		
GE 1200	50.4	56.3	58.2	59.2	59.2	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6		
GE 1000	51.9	58.2	60.2	62.1	62.1	62.4	62.6	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8		
GE 900	52.1	58.4	60.4	62.3	62.3	62.6	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9		
GE 800	55.3	62.1	65.0	67.5	67.5	67.9	68.0	68.0	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2		
GE 700	56.5	63.3	66.2	68.7	68.7	69.0	69.2	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4		
GE 600	58.4	65.1	68.0	70.6	70.6	70.9	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2		
GE 500	59.1	66.0	69.2	71.7	71.7	72.1	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4		
GE 450	59.2	66.2	69.5	72.1	72.1	72.4	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9		
GE 400	62.1	69.2	72.6	75.3	75.3	75.6	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1		
GE 350	63.1	70.2	73.9	76.8	76.8	77.2	77.5	77.5	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7		
GE 300	64.6	72.1	75.8	78.7	78.7	79.0	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5		
GE 250	67.7	75.5	79.2	82.1	82.1	82.4	82.7	82.7	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9		
GE 200	69.4	77.8	81.6	84.9	84.9	85.6	86.1	86.1	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3		
GE 180	65.7	78.2	81.9	85.3	85.3	86.0	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6		
GE 160	70.2	79.0	82.9	86.5	86.5	88.0	88.5	88.5	88.5	88.5	88.8	88.8	88.8	88.8	88.8	88.8		
GE 140	70.9	79.7	83.6	87.5	87.5	89.0	89.5	89.5	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8		
GE 120	71.6	80.9	84.9	88.8	88.8	90.9	91.5	91.5	91.5	91.5	92.2	92.2	92.2	92.2	92.2	92.2		
GE 100	71.9	81.2	85.3	89.2	89.2	91.2	91.9	91.9	91.9	91.9	92.6	92.6	92.6	92.6	92.6	92.6		
GE 80	71.9	81.4	85.4	89.5	89.5	91.5	92.2	92.2	92.2	92.2	92.9	92.9	92.9	92.9	92.9	92.9		
GE 60	72.4	81.9	86.0	90.2	90.2	92.2	92.9	92.9	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2		
GE 40	72.9	82.6	86.6	90.9	90.9	93.1	93.9	93.9	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2		
GE 20	73.1	82.9	87.1	91.4	91.4	93.6	94.6	94.6	94.6	94.6	95.3	95.3	95.3	95.3	95.3	95.3		
GE 0	73.1	82.9	87.1	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7		
GE 0	73.1	82.9	87.1	91.5	91.7	94.6	96.1	96.1	96.1	96.1	97.0	97.0	97.0	97.0	97.0	97.0		

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: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE 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 5/16	GE 1/4	GE 0
NO CEIL	50.3	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 20000	55.7	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 18000	56.2	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 16000	56.4	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 14000	57.2	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 12000	62.7	63.6	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 10000	64.8	66.2	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 9000	64.9	66.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 8000	68.2	70.6	71.8	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 7000	69.2	71.6	72.9	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 6000	69.2	71.6	72.9	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 5000	70.4	72.9	74.2	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 4500	70.6	73.0	74.4	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 4000	71.5	74.1	75.4	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 3500	72.2	75.1	76.5	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 3000	75.1	78.4	79.9	81.3	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 2500	77.5	80.9	82.5	83.8	84.0	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 2000	79.0	82.5	84.0	85.9	86.1	86.4	86.4	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1800	80.2	83.7	85.2	87.1	87.3	87.6	87.6	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1500	80.9	85.1	86.6	89.0	89.2	89.7	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.5	90.5	90.5
GE 1200	81.6	85.9	87.8	90.5	90.7	91.8	91.9	91.9	92.1	92.1	92.1	92.1	92.6	92.6	92.6	92.6
GE 1000	82.6	86.9	88.8	91.8	91.9	93.0	93.5	93.5	93.6	93.6	93.6	94.2	94.2	94.2	94.2	94.2
GE 900	83.0	87.3	89.2	92.1	92.3	93.3	93.8	93.8	94.0	94.0	94.0	94.5	94.5	94.5	94.5	94.5
GE 800	83.3	87.6	89.5	92.4	92.6	93.6	94.2	94.2	94.5	94.5	94.5	95.0	95.0	95.0	95.2	95.2
GE 700	83.7	88.0	89.9	92.8	93.0	94.0	94.5	94.5	94.8	94.8	94.8	95.4	95.4	95.5	95.5	95.5
GE 600	84.0	88.3	90.4	93.3	93.5	94.8	95.4	95.4	95.9	95.9	95.9	96.4	96.4	96.6	96.6	96.6
GE 500	84.2	88.5	90.5	93.6	93.8	95.4	96.0	96.0	96.6	96.6	96.6	97.1	97.1	97.3	97.3	97.3
GE 400	84.2	88.5	90.5	93.6	93.8	95.4	96.0	96.0	96.6	96.6	96.6	97.1	97.1	97.3	97.3	97.3
GE 300	84.2	88.5	90.7	94.2	94.5	96.9	97.6	97.6	98.1	98.3	98.3	98.8	98.8	99.0	99.0	99.0
GE 200	84.2	88.5	90.7	94.2	94.5	97.1	98.1	98.1	98.8	99.3	99.3	99.8	99.8	100.0	100.0	100.0
GE 100	84.2	88.5	90.7	94.2	94.5	97.1	98.1	98.1	97.8	97.8	97.8	99.3	99.3	99.8	99.8	100.0
GE 0	84.2	88.5	90.7	94.2	94.5	97.1	98.1	98.1	98.8	99.3	99.3	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 562

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74695 STATION NAME: DARE COUNTY GUNNERY RANGE 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	49.9	51.8	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 2000	59.6	61.2	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 1800	57.5	62.2	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 1600	59.5	62.2	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 1400	61.7	64.3	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 1200	65.8	68.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 1000	67.7	71.6	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 900	66.2	72.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 800	71.3	76.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 700	72.3	77.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 600	72.8	78.1	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 500	74.0	79.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 450	74.7	80.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 400	75.4	81.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 350	75.4	81.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 300	77.3	84.1	86.3	86.7	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 250	78.8	85.5	88.2	88.7	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 200	79.3	86.0	88.7	89.2	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 150	79.3	86.0	88.7	89.2	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 100	81.2	88.4	91.1	92.3	92.3	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 100	81.2	88.4	91.1	92.5	92.8	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 100	81.4	89.7	91.6	93.0	93.3	94.2	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 900	81.4	89.7	91.6	93.3	93.5	94.5	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 800	81.4	89.7	91.6	93.5	93.7	94.7	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 700	81.7	89.9	91.8	93.7	94.0	94.9	95.2	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 600	81.7	89.9	91.8	94.2	94.5	95.4	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 500	81.9	89.4	92.3	95.4	95.7	96.6	96.9	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 400	81.9	89.4	92.3	95.4	95.7	96.6	96.9	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 300	81.9	89.4	92.5	95.7	95.9	96.9	97.6	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 200	81.9	89.4	92.5	95.9	96.1	97.3	98.1	98.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 100	81.9	89.4	92.5	95.9	96.1	97.3	98.1	98.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 0	81.9	89.4	92.5	95.9	96.1	97.3	98.1	98.1	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 415

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-86
 MONTH: NOV HOURS (LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	57.5	62.5	62.5	62.5	62.5	62.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	
GE 20000	67.5	73.8	73.8	73.8	73.8	73.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	
GE 18000	76.3	76.3	76.3	76.3	76.3	76.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	
GE 16000	76.3	76.3	76.3	76.3	76.3	76.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	
GE 14000	71.3	77.5	77.5	77.5	77.5	77.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	
GE 12000	77.5	83.8	83.8	83.8	83.8	83.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	
GE 10000	77.5	83.8	83.8	83.8	83.8	83.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	
GE 9000	77.5	83.8	83.8	83.8	83.8	83.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	
GE 8000	78.8	85.0	85.0	85.0	85.0	85.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	
GE 7000	85.0	86.3	86.3	86.3	86.3	86.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	
GE 6000	85.0	86.3	86.3	86.3	86.3	86.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	
GE 5000	85.0	86.3	86.3	86.3	86.3	86.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	
GE 4000	85.0	86.3	86.3	86.3	86.3	86.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	
GE 3000	85.0	86.3	86.3	86.3	86.3	86.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	
GE 2000	85.0	86.3	86.3	86.3	86.3	86.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	
GE 1000	85.0	86.3	86.3	86.3	86.3	86.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	
GE 0	85.0	86.3	86.3	86.3	86.3	86.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	

TOTAL NUMBER OF OBSERVATIONS: 80

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DADE COUNTY GUNNERY RANGE NC

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GF 6	GE 5	GF 4	GF 3	GF 2 1/2	GE 2	GF 1 1/2	GE 1 1/4	GE 1	GF 3/4	GE 5/8	GF 1/2	GE 5/16	GF 1/4	GF 0
NO CEIL		44.1	47.4	48.6	49.5	45.6	50.3	50.6	53.7	50.9	51.0	51.0	51.4	51.4	51.9	52.3
GE 20000	46.9	52.7	54.0	54.9	55.0	55.6	56.3	56.7	56.8	56.9	57.1	57.1	57.6	57.6	57.4	57.8
GE 18000	49.4	53.3	54.6	55.5	55.6	56.3	56.7	56.8	56.9	57.1	57.1	57.6	57.6	57.4	57.8	58.4
GE 16000	46.4	53.3	54.7	55.6	55.7	56.4	56.8	56.9	57.0	57.2	57.2	57.7	57.7	57.7	58.2	58.5
GE 14000	50.1	54.1	55.4	56.4	56.5	57.2	57.6	57.7	57.8	58.0	58.0	58.5	58.5	59.0	59.0	59.3
GE 12000	52.9	58.2	59.5	60.5	60.6	61.3	61.7	61.8	61.9	62.1	62.1	62.6	62.6	63.1	63.5	
GE 10000	55.6	60.2	61.9	63.3	63.4	64.2	64.6	64.7	64.8	65.1	65.1	65.7	65.8	66.3	66.7	
GE 9000	55.8	60.4	62.1	63.5	63.5	64.4	64.8	64.9	65.0	65.3	65.3	65.9	66.0	66.5	66.9	
GE 8000	58.8	64.0	66.2	68.0	68.2	69.1	69.5	69.6	69.8	70.1	70.1	70.7	70.8	71.3	71.6	
GE 7000	59.9	65.1	67.3	69.1	69.3	70.2	70.7	70.8	70.9	71.2	71.2	71.8	71.9	72.4	72.8	
GE 6000	60.6	66.0	68.1	70.1	70.2	71.1	71.6	71.7	71.8	72.1	72.1	72.8	72.9	73.3	73.7	
GE 5000	61.7	67.2	69.5	71.5	71.6	72.5	73.0	73.1	73.2	73.5	73.5	74.2	74.3	74.7	75.1	
GE 4500	62.0	67.5	69.8	71.7	71.9	72.8	73.3	73.4	73.6	73.9	73.9	74.5	74.6	75.1	75.5	
GE 4000	63.9	69.7	72.1	74.2	74.3	75.2	75.7	75.8	76.0	76.3	76.3	76.9	77.0	77.5	77.9	
GE 3500	64.6	70.4	73.0	75.1	75.2	76.2	76.8	76.9	77.0	77.3	77.3	77.9	78.0	78.5	78.9	
GE 3000	66.5	72.9	75.7	78.0	78.2	79.4	80.0	80.1	80.2	80.6	80.6	81.2	81.3	81.8	82.3	
GE 2500	68.9	75.2	78.3	80.6	80.8	82.0	82.6	82.7	82.8	83.2	83.2	83.8	83.9	84.4	84.9	
GE 2000	70.0	76.7	79.6	82.3	82.4	83.9	84.6	84.7	85.0	85.3	85.3	86.0	86.2	86.7	87.2	
GE 1800	70.4	77.1	80.0	82.7	82.9	84.4	85.1	85.2	85.5	85.8	85.8	86.5	86.7	87.2	87.7	
GE 1600	71.3	78.4	81.4	84.5	84.7	86.5	87.2	87.3	87.6	88.0	88.0	88.9	89.1	89.5	90.0	
GE 1500	71.8	79.1	82.2	85.5	85.8	87.8	88.5	88.6	88.9	89.3	89.3	90.2	90.5	90.9	91.4	
GE 1000	72.4	79.8	83.1	86.6	86.8	89.2	90.0	90.1	90.7	91.2	91.2	92.1	92.3	92.8	93.3	
GF 900	72.6	80.0	83.3	86.8	87.1	89.4	90.3	90.4	91.0	91.5	91.5	92.4	92.6	93.1	93.6	
GE 800	72.8	80.3	83.6	87.3	87.5	89.8	90.7	90.8	91.7	92.1	92.1	93.2	93.4	93.9	94.4	
GE 700	73.0	80.6	83.9	87.6	87.8	90.2	91.1	91.2	92.0	92.5	92.5	93.5	93.8	94.3	94.8	
GF 600	73.3	80.9	84.2	88.0	88.3	90.7	91.8	91.9	92.8	93.2	93.2	94.3	94.5	95.0	95.5	
GE 500	73.5	81.2	84.8	88.9	89.2	91.8	93.0	93.1	94.1	94.6	94.6	95.7	95.9	96.6	97.2	
GE 400	73.5	81.2	84.8	88.9	89.2	91.9	93.2	93.2	94.3	94.8	94.8	95.9	96.2	96.9	97.5	
GE 300	73.6	81.3	85.0	89.2	89.6	92.7	94.2	94.3	95.4	96.0	96.0	97.2	97.5	98.2	98.8	
GE 200	73.6	81.3	85.0	89.3	89.7	92.9	94.5	94.6	95.9	96.7	96.7	98.0	98.3	98.9	99.6	
GE 100	73.6	81.3	85.0	89.3	89.7	92.9	94.5	94.6	95.9	96.7	96.7	98.0	98.3	99.0	100.0	
GE 0	73.6	81.3	85.0	89.3	89.7	92.9	94.5	94.6	95.9	96.7	96.7	98.0	98.3	99.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 2074

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GF 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GF 5/8	GE 1/2	GE 5/16	GE 1/4	GF 0
NO CEIL			37.2	41.5	42.7	44.5	44.5	46.1	46.8	47.1	48.1	49.3	48.3	49.6	49.9	50.9	52.9
GE 20000			39.7	44.5	46.1	48.1	48.1	49.6	50.4	50.6	51.7	51.9	51.9	53.4	53.7	54.7	57.3
GE 18000			39.7	44.5	46.1	48.1	48.1	49.6	50.4	50.6	51.7	51.9	51.9	53.4	53.7	54.7	57.3
GE 16000			39.7	44.5	46.1	48.1	48.1	49.6	50.4	50.6	51.7	51.9	51.9	53.4	53.7	54.7	57.3
GE 14000			40.5	45.3	46.8	48.9	48.9	50.6	51.4	51.7	52.7	52.9	52.9	54.5	54.7	55.7	58.3
GE 12000			41.2	46.1	47.6	49.6	49.6	51.4	52.2	52.4	53.4	53.7	53.7	55.5	55.7	56.7	59.5
GE 10000			42.0	48.3	50.4	52.4	52.4	54.2	55.0	55.2	56.2	56.5	56.5	58.3	58.5	59.5	62.6
GE 9000			42.3	48.6	50.6	52.9	52.9	54.7	55.5	55.7	56.7	57.0	57.0	58.8	59.0	60.1	63.1
GE 8000			43.6	52.9	55.0	57.3	57.3	59.0	59.8	60.1	61.1	61.3	61.3	63.1	63.4	64.4	67.4
GE 7000			45.6	53.7	55.7	58.3	58.3	60.1	60.8	61.1	62.1	62.3	62.3	64.1	64.4	65.4	68.4
GE 6000			47.6	54.7	56.7	59.3	59.3	61.1	61.8	62.1	63.1	63.4	63.4	65.1	65.4	66.4	69.5
GF 5000			49.4	56.5	58.8	61.3	61.3	63.1	63.9	64.1	65.1	65.4	65.4	67.2	67.4	68.4	71.5
GE 4500			50.1	57.3	59.5	62.1	62.1	63.9	64.6	64.9	65.9	66.2	66.2	67.9	68.2	69.2	72.3
GE 4000			50.4	57.6	60.1	62.8	62.8	64.6	65.4	65.6	66.7	66.9	66.9	68.7	69.0	70.0	73.0
GE 3500			52.2	59.5	62.1	64.9	64.9	66.7	67.4	67.7	68.7	69.0	69.0	70.7	71.0	72.0	75.1
GE 3000			52.9	61.1	63.6	66.7	66.9	68.7	69.5	69.7	70.7	71.0	71.0	72.8	73.0	74.0	77.1
GE 2500			54.2	67.4	65.9	69.0	69.5	71.2	72.0	72.3	73.3	73.5	73.5	75.3	75.6	76.6	79.6
GF 2000			56.0	65.4	68.2	71.2	71.8	73.8	74.6	74.9	75.8	76.1	76.1	77.9	78.1	79.1	82.2
GE 1800			56.0	65.4	68.2	71.2	71.8	73.8	74.6	74.9	75.8	76.1	76.1	77.9	78.1	79.1	82.2
GE 1500			57.3	67.7	71.2	74.6	75.6	77.9	78.9	79.1	80.4	80.7	80.7	82.4	82.7	83.7	86.8
GE 1200			58.6	69.5	73.0	76.6	77.6	80.2	81.2	81.4	82.7	83.0	83.0	84.7	85.0	86.0	89.1
GE 1000			59.5	70.7	73.8	77.6	78.6	81.7	83.2	83.5	84.7	85.0	85.0	86.8	87.0	88.0	91.3
GE 900			59.5	70.7	73.8	77.6	78.6	81.7	83.2	83.5	84.7	85.0	85.0	86.8	87.0	88.0	91.3
GF 800			59.8	70.5	74.3	78.4	79.4	82.7	84.2	84.5	85.8	86.0	86.0	87.8	88.0	89.1	92.4
GF 700			60.1	71.0	74.8	78.9	79.9	83.2	85.0	85.2	86.5	86.8	86.8	88.5	88.8	89.8	93.1
GF 600			60.1	71.0	74.8	78.9	79.9	83.5	85.5	85.8	87.0	87.3	87.3	89.1	89.3	90.3	93.6
GE 500			60.6	71.6	76.8	80.9	81.9	86.0	88.0	88.3	90.1	90.3	90.3	92.9	93.4	94.4	97.7
GE 400			60.6	71.6	76.8	80.9	81.9	86.0	88.0	88.3	90.1	90.3	90.3	92.9	93.4	94.4	97.7
GF 300			60.6	71.6	76.8	80.9	81.9	86.0	88.0	88.3	90.1	90.6	90.6	93.1	93.6	94.7	98.0
GE 200			60.8	72.3	77.4	81.4	82.4	86.5	88.5	88.8	90.6	91.1	91.1	93.6	94.1	95.2	98.5
GE 100			60.8	72.3	77.4	81.4	82.4	86.5	88.5	88.8	90.6	91.1	91.1	93.6	94.1	95.2	98.7
GE 0			60.8	72.3	77.4	81.4	82.4	86.5	88.5	88.8	90.6	91.1	91.1	93.6	94.1	95.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 143

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

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

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	43.4	46.3	48.1	49.3	49.3	49.6	49.9	49.9	49.9	49.9	49.9	49.9	50.1	50.1	50.1	50.1		
GE 20000	49.6	52.7	55.0	56.5	56.5	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.8	57.8	57.8	57.8		
GE 18000	49.6	53.2	55.5	57.0	57.0	57.4	57.8	57.8	57.8	57.8	57.8	57.8	58.3	58.3	58.3	58.3		
GE 16000	49.6	53.2	55.5	57.0	57.0	57.4	57.8	57.8	57.8	57.8	57.8	57.8	58.3	58.3	58.3	58.3		
GE 14000	51.4	55.0	57.3	58.8	58.8	59.2	59.6	59.6	59.6	59.6	59.6	59.6	60.1	60.1	60.1	60.1		
GE 12000	53.5	57.1	59.4	60.9	60.9	61.4	61.7	61.7	61.7	61.7	61.7	61.7	62.2	62.2	62.2	62.2		
GE 10000	56.0	59.6	62.4	63.8	63.8	64.3	64.6	64.6	64.6	64.6	64.6	64.6	65.3	65.3	65.3	65.3		
GE 9000	56.5	60.1	62.8	64.5	64.5	65.0	65.3	65.3	65.3	65.3	65.3	65.3	66.0	66.0	66.0	66.0		
GE 8000	61.4	65.5	68.2	69.9	69.9	70.4	70.7	70.7	70.7	70.7	70.7	70.7	71.4	71.4	71.4	71.4		
GE 7000	62.2	66.3	69.1	70.7	70.7	71.2	71.5	71.5	71.5	71.5	71.5	71.5	72.2	72.2	72.2	72.2		
GE 6000	64.0	68.4	71.2	72.8	72.8	73.3	73.6	73.6	73.6	73.6	73.6	73.6	74.3	74.3	74.3	74.3		
GE 5000	66.1	70.9	73.8	75.5	75.5	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.9	76.9	76.9	76.9		
GE 4500	66.9	71.7	74.6	76.3	76.3	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.7	77.7	77.7	77.7		
GE 4000	67.4	72.2	75.1	76.8	76.8	77.3	77.6	77.6	77.6	77.6	77.6	77.6	78.2	78.2	78.2	78.2		
GE 3500	68.4	73.5	76.4	78.1	78.1	78.6	78.9	78.9	78.9	78.9	78.9	78.9	79.5	79.5	79.5	79.5		
GE 3000	70.5	75.8	78.7	81.0	81.0	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.7	82.7	82.7	82.7		
GE 2500	72.0	77.3	80.4	82.8	83.0	83.6	84.1	84.1	84.1	84.1	84.1	84.1	84.9	84.9	84.9	84.9		
GE 2000	71.2	78.4	81.7	84.8	84.9	86.1	86.7	86.7	86.7	86.7	86.7	86.7	87.6	87.6	87.6	87.6		
GE 1800	73.3	78.6	81.8	84.9	85.1	86.3	86.9	86.9	86.9	86.9	86.9	86.9	87.7	87.7	87.7	87.7		
GE 1500	74.5	79.9	83.3	86.9	87.1	88.5	89.2	89.2	89.2	89.2	89.2	89.2	90.7	90.7	90.7	90.7		
GE 1000	75.3	80.9	84.3	88.1	88.2	90.2	90.8	90.8	90.8	90.8	90.8	90.8	92.3	92.3	92.3	92.3		
GF 1000	75.6	81.5	85.3	89.2	89.4	91.7	92.3	92.3	92.3	93.1	93.1	93.1	93.8	93.8	93.8	93.8		
GE 900	75.6	81.5	85.3	89.2	89.4	92.0	92.6	92.6	92.6	93.5	93.5	93.5	94.1	94.1	94.1	94.1		
GE 800	75.8	81.7	85.6	89.7	90.0	93.0	93.6	93.6	93.6	94.4	94.6	94.6	95.3	95.3	95.3	95.3		
GE 700	75.6	81.7	85.6	89.7	90.0	93.0	93.8	93.8	93.8	94.8	94.9	94.9	95.6	95.6	95.6	95.6		
GE 600	75.9	81.8	85.9	89.9	90.2	93.1	93.9	93.9	93.9	94.9	95.1	95.1	95.7	95.7	95.7	95.7		
GE 500	76.8	82.7	86.7	90.7	91.0	94.4	95.6	95.6	95.6	96.9	97.2	97.2	98.2	98.4	98.4	98.4		
GE 400	77.1	83.0	87.1	91.0	91.3	94.8	95.9	95.9	95.9	97.2	97.5	97.5	98.5	98.7	98.7	98.7		
GE 300	77.1	83.0	87.1	91.0	91.3	94.9	96.1	96.1	96.1	97.5	97.7	97.7	98.0	98.0	98.0	98.0		
GE 200	77.1	83.0	87.1	91.0	91.3	94.9	96.1	96.1	96.1	97.5	97.7	97.7	98.0	98.0	98.0	98.0		
GF 100	77.1	83.0	87.1	91.0	91.3	94.9	96.1	96.1	96.1	97.5	97.7	97.7	98.0	98.0	98.0	98.0		
GE 0	77.1	83.0	87.1	91.0	91.3	94.9	96.1	96.1	96.1	97.5	98.0	98.0	99.0	99.3	99.3	100.0		

TOTAL NUMBER OF OBSERVATIONS: 611

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARL COUNTY GUNNERY RANGE NC

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

CEILING FEET	IN 1	VISIBILITY IN STATUTE MILES																	
		GE 10	GF 6	GE 5	GF 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GF 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0			
NO CEIL	1		46.9	48.1	49.4	49.9	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	1		55.2	57.1	58.6	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	
GE 18000	1	.2	55.7	57.6	59.1	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	
GE 16000	1	.2	56.1	57.9	59.4	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	
GE 14000	1	.2	57.9	59.7	61.2	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	
GE 12000	1	.2	61.4	63.2	65.2	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	
GE 10000	1	.2	61.6	63.4	65.4	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	
GE 8000	1	.2	67.2	69.1	71.0	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	
GE 7000	1	.2	68.7	70.5	72.5	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	
GE 6000	1	.2	71.2	73.2	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	
GE 5000	1	.2	72.4	74.5	76.5	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	
GE 4500	1	.2	73.0	75.2	77.2	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	
GE 4000	1	.2	72.9	75.0	78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	
GE 3500	1	.2	74.5	76.7	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	
GE 3000	1	.2	76.0	78.2	80.7	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	
GE 2500	1	.2	77.2	79.7	82.2	82.9	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	
GE 2000	1	.2	75.0	81.7	84.4	85.0	85.0	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	
GE 1800	1	.2	75.0	81.7	84.4	85.0	85.0	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	
GE 1500	1	.2	80.2	83.2	86.4	87.4	87.7	87.9	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	
GE 1000	1	.2	80.5	83.5	87.0	88.4	88.9	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	
GE 800	1	.2	80.7	83.9	88.0	89.4	90.2	90.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	
GE 700	1	.2	80.9	84.4	88.5	89.9	90.7	91.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	
GE 600	1	.2	81.0	84.5	88.9	90.7	91.2	92.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	
GE 500	1	.2	81.5	85.2	89.7	91.2	92.0	92.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	
GE 400	1	.2	81.5	85.2	89.9	91.3	92.2	93.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	
GE 300	1	.2	82.4	86.7	91.5	93.3	94.3	96.0	97.7	97.7	98.0	98.0	98.2	98.8	98.8	98.8	98.8	98.8	
GE 200	1	.2	82.4	86.7	91.5	93.3	94.3	96.0	97.7	97.7	98.0	98.0	98.2	98.8	98.8	98.8	98.8	98.8	
GE 150	1	.2	82.4	86.9	91.7	93.7	94.7	96.7	98.3	98.3	98.6	98.6	99.0	99.7	99.7	99.7	99.7	99.7	
GE 100	1	.2	82.4	86.9	91.7	93.7	94.7	96.7	98.3	98.3	98.8	98.8	99.0	99.7	99.7	99.7	99.7	99.7	
GE 75	1	.2	82.4	86.9	91.7	93.7	94.7	96.7	98.3	98.3	98.8	98.8	99.0	99.7	99.7	99.7	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 601

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2
NO CEIL	1	48.2	48.7	50.6	50.8	50.8	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 2000	1	57.7	58.2	60.5	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 1800	1	57.9	58.4	60.8	61.2	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 1600	1	57.9	58.4	60.8	61.2	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 1400	1	57.9	58.4	60.8	61.2	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 1200	1	60.8	61.7	64.1	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 1000	1	64.5	65.7	68.1	69.3	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 900	1	64.5	65.7	68.1	69.3	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 800	1	68.8	69.7	72.1	73.8	73.8	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 700	1	70.0	70.9	73.3	74.9	74.9	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 600	1	72.8	74.0	76.4	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 500	1	73.8	75.2	77.5	79.4	79.4	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 450	1	74.7	76.1	78.5	80.4	80.4	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 400	1	76.1	77.5	79.9	82.0	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 350	1	76.8	78.3	80.6	82.7	82.7	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 300	1	78.5	80.1	82.7	85.3	85.3	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 250	1	79.7	81.3	83.9	86.5	86.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 200	1	81.1	82.7	85.3	88.2	88.2	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 180	1	81.1	82.7	85.3	88.2	88.2	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 150	1	81.6	83.5	86.1	89.4	89.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 120	1	82.3	84.0	87.0	90.3	90.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 100	1	83.0	85.6	88.9	92.2	92.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 90	1	83.0	85.6	89.4	92.7	92.7	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 80	1	83.0	85.6	89.4	92.7	92.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 70	1	83.2	86.1	89.6	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 60	1	83.2	86.1	89.6	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 50	1	83.9	87.0	90.5	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 40	1	83.9	87.0	90.5	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 30	1	83.9	87.0	90.5	94.1	94.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 20	1	84.2	87.2	90.8	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 10	1	84.2	87.2	90.8	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0

TOTAL NUMBER OF OBSERVATIONS: 423

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-86
MONTH: DEC FOUR-DIGIT: 1800-2000

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 C
NO CEIL	2.9	58.0	59.4	60.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 20000	2.9	60.9	62.3	63.8	65.2	65.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 18000	2.9	60.9	62.3	63.8	65.2	65.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 16000	2.9	60.9	62.3	63.8	65.2	65.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 14000	2.9	60.9	62.3	63.8	65.2	65.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 12000	2.9	66.7	68.1	69.6	71.0	71.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 10000	2.9	71.0	73.4	75.4	76.8	76.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 9000	2.9	72.5	75.4	76.8	78.3	78.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 8000	2.9	78.3	81.2	82.6	85.5	85.5	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 7000	2.9	78.3	81.2	82.6	85.5	85.5	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 6000	2.9	81.2	84.1	85.5	88.4	88.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 5000	2.9	81.2	84.1	85.5	88.4	88.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 4000	2.9	81.2	84.1	85.5	88.4	88.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 3500	2.9	82.6	85.5	87.0	89.9	89.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 3000	2.9	84.1	87.0	88.4	91.3	91.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 2500	2.9	84.1	87.0	88.4	91.3	91.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 2000	2.9	84.1	87.0	88.4	91.3	91.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1500	2.9	84.1	87.0	88.4	91.3	91.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1000	4.3	89.9	91.3	94.2	94.2	94.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1000	4.3	97.0	91.3	92.8	95.7	95.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 900	4.3	97.0	91.3	92.8	95.7	95.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 800	4.3	97.0	91.3	92.8	97.1	97.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	4.3	97.0	91.3	92.8	97.1	97.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	4.3	97.0	91.3	92.8	97.1	97.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	4.3	97.0	91.3	92.8	97.1	97.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 400	4.3	97.0	91.3	92.8	97.1	97.1	98.6	98.6	98.6	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0
GE 300	4.3	97.0	91.3	92.8	97.1	97.1	98.6	98.6	98.6	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0
GE 200	4.3	97.0	91.3	92.8	97.1	97.1	98.6	98.6	98.6	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0
GE 100	4.3	97.0	91.3	92.8	97.1	97.1	98.6	98.6	98.6	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0
GE C	4.3	97.0	91.3	92.8	97.1	97.1	98.6	98.6	98.6	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 69

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-86

MONTH: DEC HOURS (LST): ALL

NO	CEILING IN FEET	VISIBILITY IN STATUTE MILES																
		GE 1/8	GE 1/4	GE 3/8	GE 1/2	GE 3/4	GE 1	GE 1 1/4	GE 1 1/2	GE 1 3/4	GE 2	GE 2 1/4	GE 2 1/2	GE 3	GE 3 1/4	GE 3 1/2	GE 4	
NO CEIL	.1	44.7	46.8	48.4	49.3	49.3	49.7	50.0	50.0	50.2	50.3	50.3	50.5	50.6	50.8	51.2		
GE 20000	.1	51.2	53.9	55.7	56.8	56.8	57.4	57.6	57.7	57.8	57.9	57.9	58.3	58.4	58.6	59.0		
GE 18000	.1	51.5	54.2	56.1	57.2	57.2	57.7	57.9	58.0	58.2	58.2	58.2	58.7	58.7	58.9	59.4		
GE 16000	.1	51.5	54.2	56.1	57.2	57.2	57.7	57.9	58.0	58.2	58.2	58.2	58.7	58.7	58.9	59.4		
GE 14000	.1	52.3	54.9	56.6	57.9	57.9	58.5	58.8	58.8	59.0	59.0	59.0	59.5	59.5	59.7	60.2		
GE 12000	.1	54.4	57.1	59.0	60.1	60.1	60.7	60.9	60.9	61.1	61.2	61.2	61.7	61.7	61.9	62.4		
GE 10000	.1	57.4	60.2	62.5	63.8	63.8	64.4	64.6	64.7	64.9	64.9	64.9	65.4	65.5	65.7	66.2		
GE 9000	.1	57.7	60.5	62.8	64.1	64.1	64.8	65.0	65.0	65.2	65.2	65.3	65.8	65.9	66.0	66.6		
GE 8000	.1	62.2	65.5	67.8	69.3	69.3	70.0	70.2	70.2	70.4	70.5	70.5	71.0	71.1	71.2	71.8		
GE 7000	.1	61.2	66.6	68.9	70.4	70.4	71.1	71.3	71.3	71.5	71.6	71.6	72.1	72.2	72.3	72.9		
GE 6000	.1	65.3	68.9	71.1	72.7	72.7	73.3	73.6	73.6	73.8	73.9	73.9	74.4	74.4	74.6	75.2		
GE 5000	.1	66.6	70.5	72.9	74.5	74.5	75.2	75.4	75.4	75.6	75.7	75.7	76.2	76.3	76.4	77.0		
GE 4500	.1	67.6	71.3	73.7	75.3	75.3	75.9	76.2	76.2	76.4	76.4	76.4	77.0	77.0	77.2	77.8		
GE 4000	.1	68.3	72.0	74.4	76.1	76.1	76.8	77.0	77.1	77.3	77.3	77.3	77.8	77.9	78.1	78.6		
GE 3500	.1	69.3	73.2	75.6	77.3	77.3	78.0	78.2	78.3	78.4	78.5	78.5	79.0	79.1	79.3	79.8		
GE 3000	.1	70.9	75.0	77.6	79.6	79.6	80.4	80.6	80.6	80.8	80.9	80.9	81.4	81.4	81.6	82.2		
GE 2500	.2	70.1	76.5	79.2	81.3	81.4	82.2	82.5	82.6	82.8	82.9	82.9	83.4	83.5	83.6	84.2		
GE 2000	.2	73.6	78.1	80.9	83.2	83.4	84.3	84.7	84.8	85.0	85.1	85.1	85.6	85.6	85.8	86.4		
GE 1800	.2	73.6	78.1	80.9	83.3	83.5	84.4	84.8	84.8	85.1	85.1	85.1	85.6	85.7	85.9	86.5		
GE 1500	.2	74.6	79.5	82.6	85.4	85.7	86.9	87.5	87.5	88.0	88.1	88.1	88.6	88.7	88.8	89.4		
GE 1200	.2	75.4	80.4	83.7	86.6	87.1	88.5	89.0	89.1	89.6	89.7	89.7	90.2	90.2	90.4	91.0		
GE 1000	.2	75.9	81.2	84.9	87.9	88.4	90.2	90.9	91.0	91.5	91.6	91.6	92.2	92.2	92.4	93.0		
GE 900	.2	76.0	81.4	85.1	88.1	88.7	90.6	91.3	91.4	91.9	92.0	92.0	92.6	92.6	92.8	93.4		
GE 800	.2	76.1	81.5	85.5	88.6	89.2	91.4	92.2	92.3	92.8	93.0	93.0	93.6	93.6	93.8	94.4		
GE 700	.2	76.3	81.9	85.8	89.0	89.6	91.8	92.7	92.8	93.3	93.5	93.5	94.1	94.1	94.3	94.9		
GE 600	.2	76.4	81.9	85.9	89.1	89.7	91.9	93.0	93.0	93.8	94.0	94.0	94.6	94.6	94.8	95.4		
GE 500	.2	77.1	82.9	87.2	90.5	91.1	93.8	95.1	95.2	96.2	96.4	96.4	97.4	97.5	97.7	98.3		
GE 400	.2	77.2	83.0	87.3	90.6	91.2	93.9	95.3	95.4	96.4	96.7	96.7	97.7	97.8	98.0	98.7		
GE 300	.2	77.2	83.1	87.4	90.7	91.3	94.2	95.6	95.7	96.3	97.2	97.2	98.1	98.3	98.5	99.1		
GE 200	.2	77.3	83.2	87.5	90.9	91.6	94.5	95.9	95.9	97.0	97.4	97.4	98.4	98.6	98.8	99.5		
GE 100	.2	77.3	83.2	87.5	90.9	91.6	94.5	95.9	95.9	97.1	97.5	97.5	98.4	98.6	98.9	99.6		
GE 0	.2	77.3	83.2	87.5	90.9	91.6	94.5	95.9	95.9	97.1	97.5	97.5	98.4	98.6	98.9	100.0		

TOTAL NUMBER OF OBSERVATIONS: 2097

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 746900 STATION NAME: DARE COUNTY GUNNERY RANGE NC

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

CEILING IN FEET	GE 10	VISIBILITY IN STATUTE MILES														
		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	.0	41.2	48.0	50.1	51.6	51.7	52.4	52.7	52.7	53.0	53.1	53.1	53.4	53.4	53.8	54.2
GE 20000	.0	45.5	55.0	57.4	59.2	59.3	60.1	60.5	60.5	60.8	61.0	61.0	61.3	61.4	61.7	62.2
GE 18000	.0	45.9	55.6	58.0	59.8	59.9	60.7	61.1	61.1	61.5	61.6	61.6	61.9	62.0	62.3	62.8
GE 16000	.0	50.0	55.6	58.1	59.8	60.0	60.8	61.1	61.1	61.5	61.6	61.6	61.9	62.0	62.4	62.8
GE 14000	.0	50.6	56.3	58.8	60.5	60.7	61.5	61.9	61.7	62.2	62.4	62.4	62.7	62.7	63.1	63.6
GE 12000	.0	52.8	58.7	61.2	63.1	63.2	64.1	64.4	64.4	64.8	64.9	64.9	65.2	65.3	65.7	66.2
GE 10000	.0	55.6	61.9	64.7	66.7	66.9	67.8	68.2	68.2	68.5	68.7	68.7	69.1	69.1	69.5	70.0
GE 9000	.0	55.9	62.2	65.0	67.0	67.2	68.1	68.5	68.5	68.9	69.0	69.0	69.4	69.5	69.9	70.3
GE 8000	.0	58.7	65.5	68.5	70.7	71.8	71.8	72.2	72.2	72.6	72.9	72.8	73.1	73.2	73.6	74.1
GE 7000	.0	59.4	66.3	69.3	71.6	71.8	72.8	73.2	73.2	73.5	73.7	73.7	74.1	74.2	74.6	75.1
GE 6000	.0	60.4	67.4	70.5	72.7	72.9	74.0	74.4	74.4	74.8	74.9	74.9	75.3	75.4	75.8	76.3
GE 5000	.0	61.4	68.5	71.7	74.0	74.2	75.2	75.6	75.7	76.0	76.2	76.2	76.6	76.6	77.1	77.6
GE 4500	.0	61.7	68.9	72.1	74.4	74.6	75.6	76.0	76.0	76.4	76.6	76.6	77.0	77.0	77.4	77.9
GE 4000	.0	62.6	70.1	73.3	75.7	75.9	77.0	77.4	77.4	77.8	77.9	78.0	78.3	78.4	78.8	79.3
GE 3500	.0	63.6	71.2	74.6	77.0	77.2	78.3	78.7	78.8	79.1	79.3	79.3	79.7	79.8	80.2	80.7
GE 3000	.0	65.3	73.2	76.8	79.4	79.7	80.8	81.3	81.3	81.7	81.9	81.9	82.3	82.3	82.7	83.2
GE 2500	.0	66.9	75.3	79.0	81.8	82.1	83.4	83.8	83.9	84.3	84.5	84.5	84.9	84.9	85.3	85.8
GE 2000	.0	68.4	77.2	81.1	84.1	84.4	85.8	86.3	86.3	86.8	87.0	87.0	87.4	87.5	87.9	88.4
GE 1800	.0	68.7	77.5	81.4	84.4	84.7	86.1	86.6	86.7	87.2	87.4	87.4	87.8	87.8	88.2	88.8
GE 1500	.0	69.7	78.9	83.0	86.4	86.7	88.3	88.9	88.9	89.5	89.7	89.7	90.1	90.2	90.6	91.1
GE 1200	.0	70.2	79.5	83.7	87.2	87.6	89.3	89.9	89.9	90.5	90.7	90.7	91.2	91.2	91.7	92.2
GE 1000	.0	70.7	80.2	84.7	88.5	88.9	90.8	91.5	91.6	92.3	92.5	92.5	92.9	93.0	93.4	94.0
GE 900	.0	70.8	80.5	85.0	88.8	89.2	91.2	91.9	91.9	92.6	92.8	92.8	93.3	93.4	93.8	94.3
GE 800	.0	71.1	80.8	85.4	89.3	89.6	91.9	92.7	92.7	93.5	93.7	93.8	94.2	94.3	94.8	95.3
GE 700	.0	71.2	81.0	85.6	89.7	90.2	92.5	93.1	93.2	94.0	94.2	94.3	94.8	94.9	95.3	95.8
GE 600	.0	71.3	81.1	85.9	90.0	90.6	92.8	93.7	93.7	94.6	94.8	94.8	95.4	95.4	95.9	96.4
GE 500	.0	71.6	81.5	86.5	91.0	91.6	94.0	95.0	95.1	96.1	96.4	96.4	97.1	97.1	97.6	98.1
GE 400	.0	71.6	81.6	86.6	91.1	91.8	94.3	95.5	95.5	96.6	96.9	96.9	97.6	97.7	98.2	98.7
GE 300	.0	71.6	81.7	86.7	91.3	92.0	94.7	96.0	96.0	97.2	97.6	97.6	98.3	98.4	98.9	99.4
GE 200	.0	71.7	81.7	86.7	91.3	92.0	94.8	96.1	96.1	97.3	97.7	97.7	98.5	98.6	99.1	99.7
GE 100	.0	71.7	81.7	86.7	91.3	92.1	94.8	96.1	96.1	97.3	97.7	97.7	98.5	98.6	99.2	99.9
GE 0	.0	71.7	81.7	86.7	91.3	92.1	94.8	96.1	96.1	97.3	97.7	97.7	98.5	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 25977

GLOBAL CLIMATOLOGY BRANCH
 LSAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 78-87
 MONTH: JAN

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	19.7			26.8						20.1	33.4	6.0	407
09-11	15.6			25.0						19.6	39.7	6.5	627
12-14	12.7			27.6						19.5	40.2	6.6	605
15-17	16.6			25.0						20.7	37.7	6.4	440
18-20	11.0			41.1						23.3	24.7	5.8	73
21-23													
TOTALS	15.1			29.1						20.6	35.1	6.3	2152

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 78-87
 MONTH: FEB

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	13.0			29.2						12.4	45.4	6.5	339
09-11	15.3			21.4						20.5	42.8	6.8	556
12-14	7.9			23.9						23.6	44.6	7.3	560
15-17	7.2			26.9						24.5	41.3	7.1	416
18-20	10.6			28.7						22.3	38.3	6.7	94
21-23													
TOTALS	10.8			26.0						20.7	42.5	6.9	1965

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 78-87
 MONTH: MAR

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	14.1			26.1						16.9	42.8	6.5	425
09-11	12.5			26.0						20.7	40.8	6.7	638
12-14	8.9			33.8						14.4	42.9	6.6	637
15-17	11.4			31.2						16.7	40.7	6.5	474
18-20	14.1			40.0						16.5	39.4	5.6	85
21-23													
TOTALS	12.2			31.4						17.0	39.3	6.4	2259

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 78-87
 MONTH: APR

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	24.5			27.4						18.0	30.1	5.5	482
09-11	19.0			29.6						19.4	32.0	5.8	653
12-14	11.6			31.0						22.5	34.9	6.4	639
15-17	11.3			29.3						20.3	39.1	6.6	468
18-20	6.0			32.5						22.9	38.6	6.9	83
21-23													
TOTALS	14.5			30.0						20.6	34.9	6.2	2325

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM FOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 78-87
 MONTH: MAY

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	12.2			22.6						23.0	42.3	7.0	575
09-11	7.9			25.3						24.9	41.9	7.2	647
12-14	3.8			28.4						27.2	40.6	7.4	606
15-17	4.5			23.9						32.2	39.4	7.6	398
18-20	15.2			21.2						28.8	34.8	6.7	66
21-23													
TOTALS	4.7			24.3						27.2	39.8	7.2	2292

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 78-87
 MONTH: JUN

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	7.5			32.2						31.3	29.1	6.7	550
09-11	4.2			34.6						28.2	33.1	6.9	625
12-14	1.3			33.6						30.4	34.7	7.2	593
15-17	2.5			32.1						30.3	35.1	7.2	433
18-20	3.6			20.5						42.2	33.7	7.8	83
21-23													
TOTALS	3.8			30.6						32.5	33.1	7.2	2284

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM FOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARL COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 78-87
 MONTH: JUL

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	2.9			31.2						31.0	34.9	7.2	513
09-11	2.6			30.9						30.9	35.6	7.3	609
12-14	.3			28.5						34.4	36.7	7.6	575
15-17	2.3			29.1						33.7	34.9	7.4	350
18-20	10.2			26.5						32.7	30.6	6.8	49
21-23													
TOTALS	3.7			29.2						32.5	34.5	7.3	2096

STATION NUMBER: 746950 STATION NAME: DARL COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 78-87
 MONTH: AUG

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	6.0			40.6						30.2	23.2	6.3	483
09-11	2.8			33.3						37.1	26.7	7.0	606
12-14	1.3			28.4						40.3	30.0	7.5	603
15-17	1.1			33.8						35.7	29.5	7.2	370
18-20				37.5						35.7	26.8	7.0	56
21-23													
TOTALS	2.2			34.7						35.8	27.2	7.0	2118

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	
01-02														
03-05														
06-08	9.2			41.1						23.9	25.8	6.0	477	
09-11	9.3			34.5						10.5	25.7	6.3	557	
12-14	4.9			30.6						39.8	24.7	7.0	507	
15-17	6.4			30.3						41.3	22.0	6.6	264	
18-20	8.0			32.0						40.0	20.0	6.6	25	
21-23														
TOTALS	7.6			33.7						35.1	23.6	6.5	1830	

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	9.8			31.3						26.0	32.9	6.6	480
09-11	11.6			34.1						24.2	30.1	6.2	621
12-14	7.3			31.7						29.5	31.4	6.7	586
15-17	11.6			32.6						24.8	31.6	6.4	431
18-20	19.1			35.3						19.1	26.5	5.4	68
21-23													
TOTALS	11.9			32.9						24.7	30.5	6.3	2186

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 77-86
 MONTH: NOV

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	11.1			28.0						25.3	75.6	6.7	346	
09-11	12.8			25.6						28.1	73.6	6.7	587	
12-14	9.4			27.0						27.0	76.6	6.9	577	
15-17	9.2			29.9						21.2	79.7	6.6	411	
18-20	17.7			32.9						20.3	29.1	5.7	79	
21-23														
TOTALS	12.0			26.7						24.4	74.9	6.6	2050	

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 77-86
 MONTH: DEC

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	11.7			30.1						20.0	38.2	6.5	385
09-11	11.6			25.1						22.9	40.4	6.9	606
12-14	10.0			25.9						23.9	40.2	6.9	599
15-17	10.1			29.0						19.3	41.5	6.8	424
18-20	14.8			24.6						23.2	33.3	6.2	69
21-23													
TOTALS	12.4			26.9						21.9	38.7	6.7	2063

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM FOURLY OBSERVATIONS

STATION NUMBER: 746950 STATION NAME: DAPE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 77-87
 MONTH: ALL

	HOURS (LSY)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN	TOTAL OBS	
		0	1	2	3	4	5	6	7	8	9	10			
JAN	ALL	15.1			25.1							20.6	15.1	6.3	2152
FEB		10.8			20.0							20.7	42.5	6.9	1965
MAR		12.2			31.4							17.0	39.3	6.4	2259
APR		14.5			30.0							20.6	34.9	6.2	2325
MAY		8.7			24.3							27.2	39.8	7.2	2242
JUN		3.8			30.6							32.5	33.1	7.2	2284
JUL		3.7			29.2							32.5	34.5	7.3	2096
AUG		2.2			34.7							35.8	27.2	7.0	2118
SEP		7.6			33.7							35.1	23.6	6.5	1830
OCT		11.9			32.9							24.7	30.5	6.3	2186
NOV		12.0			28.7							24.4	34.9	6.6	2050
DEC		12.4			26.9							21.9	38.7	6.7	2083
TOTALS		9.6			29.8							26.1	34.5	6.7	25640

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TEMPERATURE AND RELATIVE HUMIDITY SUMMARY

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

PERCENTAGE FREQUENCY PRESENTED BY 1-DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 33 DEGREE FAHRENHEIT VALUE.

SINCE MANY STATION/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.

FIVE 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 DEVIATION (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.

PRESENTED 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: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
16-08	MEAN	34.8	33.2	47.0	56.2	65.2	72.2	76.3	74.7	68.8	59.3	61.3	42.2	59.0
	SD	17.661	10.829	9.414	8.527	7.552	6.478	5.204	5.907	7.191	7.186	10.416	11.468	10.067
	TOT OBS	411	396	435	497	586	565	538	511	501	500	435	394	568
19-11	MEAN	42.1	45.4	55.0	64.4	72.8	79.6	83.6	82.8	77.9	73.0	60.7	50.2	65.4
	SD	9.517	10.504	9.757	8.810	7.379	5.668	4.697	4.869	6.161	7.283	8.916	10.253	16.111
	TOT OBS	630	556	634	678	650	630	621	621	565	401	591	611	739
12-19	MEAN	46.8	49.2	58.2	67.0	74.7	81.6	85.9	84.8	80.3	71.4	64.0	54.6	68.1
	SD	9.792	10.278	10.598	9.403	7.946	6.434	5.592	5.877	6.468	7.186	8.724	10.093	15.627
	TOT OBS	407	500	636	644	608	596	580	611	511	405	540	601	713
15-17	MEAN	44.4	47.4	56.2	64.7	73.3	79.7	83.7	83.5	78.2	72.4	61.1	52.1	65.2
	SD	9.667	10.541	10.145	8.517	7.366	6.479	5.693	5.238	6.243	7.144	8.597	9.876	15.525
	TOT OBS	444	417	477	472	398	433	353	384	275	474	415	424	492
18-20	MEAN	38.3	43.0	50.6	60.2	69.8	76.8	80.5	80.5	71.1	61.3	53.0	46.7	59.2
	SD	8.251	9.566	8.594	8.643	7.638	5.687	4.540	4.682	6.653	6.615	9.477	9.159	16.034
	TOT OBS	72	94	85	85	66	84	51	61	30	68	80	69	89
ALL	MEAN	42.5	45.4	54.5	63.2	71.4	78.2	82.3	81.5	76.1	67.0	59.6	50.2	64.5
	SD	10.793	11.334	10.804	9.606	8.436	7.167	6.401	6.695	7.975	8.994	10.303	11.206	16.211
	TOT OBS	2165	1976	2274	2356	2308	2308	2143	2188	1842	1708	2073	1096	2598

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

WET-BULB TEMPERATURES DEG F FROM
 HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APP	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
06-08	MEAN	34.9	37.3	44.6	52.5	61.8	68.4	72.9	72.1	66.6	57.3	49.7	41.9	57.0
	SD	10.640	10.934	9.714	8.091	6.990	5.871	4.458	5.287	6.686	9.011	10.759	11.194	14.953
	TOT OBS	354	333	435	476	586	565	538	511	571	500	403	360	552
09-11	MEAN	35.2	41.9	49.5	56.4	65.0	71.5	75.9	75.6	70.7	62.6	55.7	46.2	59.3
	SD	9.488	10.446	8.980	8.074	6.482	5.410	4.157	4.305	5.592	7.260	9.116	10.405	14.570
	TOT OBS	674	554	639	658	650	630	618	621	565	621	597	609	735
12-14	MEAN	41.6	43.8	51.0	57.8	65.8	72.4	76.8	76.3	71.5	63.3	57.2	48.8	60.4
	SD	9.330	10.273	8.922	8.192	6.666	5.694	4.484	4.474	5.554	7.188	8.827	10.141	14.150
	TOT OBS	601	559	630	644	608	596	580	611	511	585	582	671	716
15-17	MEAN	36.7	42.4	49.7	56.9	65.3	71.6	76.0	76.5	70.8	61.9	55.9	47.3	58.6
	SD	9.042	10.001	8.594	8.177	6.570	5.729	4.542	4.279	5.981	7.012	8.772	9.980	14.453
	TOT OBS	442	417	477	472	398	433	353	384	275	434	415	423	492
18-20	MEAN	35.4	39.5	46.6	54.5	63.7	70.9	75.1	75.7	67.1	58.4	50.6	44.6	55.1
	SD	7.829	9.498	8.042	8.708	7.047	5.804	3.756	4.268	6.997	6.986	9.670	9.352	15.144
	TOT OBS	71	94	85	85	66	84	51	61	33	60	80	69	84
ALL	MEAN	39.1	41.6	48.9	56.0	64.4	71.0	75.4	75.2	69.8	61.3	54.8	46.4	58.8
	SD	9.775	10.574	9.271	8.366	6.874	5.853	4.622	4.903	6.299	7.965	9.742	10.604	14.601
	HOURS TOT OBS	2772	1957	2274	2355	2308	2308	2140	2188	1882	2200	2067	2062	25821

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DEW-POINT TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 77-87

HOURS	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
06-08	MEAN	32.0	34.8	42.0	49.3	59.6	66.4	71.4	71.0	65.4	56.1	48.0	39.7	55.0
	SD	12.672	12.445	10.778	9.350	7.586	6.490	4.726	5.459	6.949	9.369	11.484	12.589	15.814
	TOT OBS	354	333	435	496	586	565	538	511	501	503	403	360	5582
09-11	MEAN	31.6	35.9	43.9	49.6	60.1	67.4	72.7	72.6	67.1	58.4	51.5	41.4	54.7
	SD	12.434	12.630	10.762	10.686	8.227	6.935	5.198	5.190	6.667	9.004	11.323	13.086	16.279
	TOT OBS	604	554	639	658	650	630	618	621	565	621	587	609	7356
12-14	MEAN	34.2	37.1	44.2	50.1	60.3	67.8	72.9	72.8	67.2	57.9	51.8	42.4	54.7
	SD	12.618	12.728	10.499	11.361	8.495	7.170	5.656	5.260	6.692	9.347	11.492	13.416	16.398
	TOT OBS	601	559	630	644	608	596	580	611	511	585	582	601	7116
15-17	MEAN	32.3	35.6	43.3	50.3	60.4	67.6	72.8	73.7	67.1	57.4	51.5	41.8	53.5
	SD	11.770	12.365	10.245	11.174	8.371	7.103	5.500	4.961	7.282	8.755	10.996	12.818	16.656
	TOT OBS	442	417	477	472	398	433	353	384	275	434	415	423	4923
18-20	MEAN	30.4	34.5	42.0	49.6	59.8	67.8	72.9	73.7	64.9	56.2	48.3	42.0	51.6
	SD	10.051	11.572	9.509	11.357	8.555	7.152	4.091	4.716	7.734	7.881	10.836	10.660	16.633
	TOT OBS	71	94	85	95	66	84	51	61	30	68	80	69	844
ALL HOURS	MEAN	33.2	36.3	43.4	49.8	60.0	67.3	72.5	72.5	66.6	57.5	50.8	41.5	54.5
	SD	12.351	12.544	10.565	10.734	8.175	6.945	5.275	5.303	6.895	9.134	11.407	12.990	16.313
	TOT OBS	2072	1957	2274	2355	2308	2308	2140	2188	1882	2208	2067	2062	25821

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 74-87
 MONTH: JAN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02											
	03-05											
	06-08	100.0	100.0	99.7	98.9	98.0	94.1	86.2	72.0	44.6	84.8	354
	09-11	100.0	100.0	99.0	96.0	87.9	72.7	51.8	35.4	21.6	72.4	604
	12-14	100.0	100.0	98.3	87.2	71.7	51.6	33.9	22.3	15.3	63.8	601
	15-17	100.0	100.0	99.5	91.2	72.2	51.6	31.2	19.7	9.3	63.1	442
	18-20	100.0	100.0	100.0	98.6	94.4	76.1	56.3	33.8	19.7	73.5	71
21-23												
	TOTALS	100.0	100.0	99.3	94.4	84.8	69.2	51.9	36.6	22.1	71.5	2072

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	100.0	100.0	99.4	97.0	88.3	71.5	45.6	86.3	333
	09-11	100.0	100.0	100.0	98.2	92.1	76.0	49.6	35.0	17.3	72.6	554
	12-14	100.0	100.0	99.3	92.8	76.6	54.6	33.3	23.1	14.3	65.1	559
	15-17	100.0	100.0	99.5	94.5	81.1	59.5	34.5	22.1	12.5	65.9	417
	18-20	100.0	100.0	100.0	100.0	90.4	81.9	57.4	34.0	12.8	73.1	94
	21-23											
	TOTALS	100.0	100.0	99.8	97.1	87.9	73.8	52.6	37.1	20.5	72.6	1957

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78-87
 MONTH: MAR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NOF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	99.3	94.7	82.3	62.1	38.4	83.6	435
	09-11	100.0	100.0	100.0	96.7	84.2	61.8	39.3	26.3	13.3	67.9	635
	12-14	100.0	100.0	99.4	92.2	70.8	46.7	27.9	17.6	8.0	62.0	638
	15-17	100.0	100.0	99.2	91.8	75.5	55.8	32.7	19.5	10.2	64.1	477
	18-20	100.0	100.0	100.0	98.8	92.9	82.4	56.5	31.8	11.8	73.0	85
	21-23											
	TOTALS	100.0	100.0	99.7	95.9	84.5	68.3	47.7	31.5	16.4	70.1	2274

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 79-87
 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	100.0	99.0	96.2	86.7	71.0	51.2	28.2	79.1	496
	09-11	100.0	100.0	97.6	88.6	69.5	46.5	28.3	17.3	8.4	61.1	656
	12-14	100.0	100.0	94.1	79.3	58.9	39.4	22.5	14.9	6.1	57.3	644
	15-17	100.0	100.0	96.6	84.7	71.2	51.5	31.1	17.6	7.2	61.9	472
	18-20	100.0	100.0	98.8	94.1	83.5	75.3	48.2	29.4	11.8	69.7	85
	21-23											
	TOTALS	100.0	100.0	97.4	89.1	75.9	59.9	40.2	26.1	12.3	65.8	2351

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 74-87
 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	99.7	98.8	94.5	84.0	64.8	37.0	82.9	586
	09-11	100.0	100.0	98.9	95.1	84.6	62.0	38.6	18.5	4.6	65.8	650
	12-14	100.0	100.0	98.0	92.8	78.9	52.1	30.6	11.8	4.4	62.5	606
	15-17	100.0	100.0	99.5	95.7	84.4	59.8	39.7	15.8	4.8	65.3	398
	18-20	100.0	100.0	100.0	98.5	93.9	75.8	57.6	31.8	7.6	71.5	66
	21-23											
	TOTALS	100.0	100.0	99.3	96.4	88.1	68.8	50.1	28.5	10.2	69.6	2306

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM FOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 74-87
 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	100.0	99.6	95.2	84.2	62.3	24.4	82.6	565
	09-11	100.0	100.0	100.0	99.4	92.1	68.6	35.6	13.7	4.6	67.2	630
	12-14	100.0	100.0	100.0	97.8	85.4	56.7	26.3	11.7	3.0	63.9	596
	15-17	100.0	100.0	100.0	99.5	90.3	66.3	39.0	16.2	4.8	67.6	433
	18-20	100.0	100.0	100.0	100.0	98.8	84.5	66.7	27.4	9.5	74.3	84
	21-23											
	TOTALS	100.0	100.0	100.0	99.3	93.2	74.3	50.4	26.3	9.3	71.1	2306

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	100.0	100.0	99.8	93.7	70.8	22.3	85.0	538
	09-11	100.0	100.0	100.0	100.0	96.9	84.1	44.9	14.1	2.6	70.3	616
	12-14	100.0	100.0	100.0	99.0	90.2	67.9	33.3	10.0	2.8	66.1	580
	15-17	100.0	100.0	100.0	99.4	94.9	81.0	48.2	19.0	5.4	70.7	353
	18-20	100.0	100.0	100.0	100.0	100.0	100.0	86.3	31.4	9.8	78.0	51
	21-23											
	TOTALS	100.0	100.0	100.0	99.7	96.4	86.6	61.3	29.1	8.6	74.0	2140

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746950 STATION NAME: DAPE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 7P-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	00-07											
	03-05											
	06-08	100.0	100.0	100.0	100.0	100.0	99.8	97.7	82.2	36.6	88.2	511
	09-11	100.0	100.0	100.0	100.0	98.9	86.8	52.5	15.8	4.0	71.7	621
	12-14	100.0	100.0	100.0	100.0	93.8	75.5	35.5	13.6	4.9	69.2	611
	15-17	100.0	100.0	100.0	100.0	97.9	90.1	56.0	17.7	5.5	73.1	384
	18-20	100.0	100.0	100.0	100.0	100.0	96.7	91.8	42.6	9.8	80.0	61
	21-23											
	TOTALS	100.0	100.0	100.0	100.0	98.1	89.8	66.7	34.4	12.2	76.2	2186

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMREP: 746950 STATION NAME: DAPE COUNTY GUNNERY RANGE 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	100.0	99.6	96.8	85.4	44.3	89.2	531
	09-11	100.0	100.0	100.0	100.0	97.0	79.3	45.0	16.1	3.4	69.8	565
	12-14	100.0	100.0	100.0	99.8	90.4	63.4	29.0	9.4	2.0	65.0	511
	15-17	100.0	100.0	100.0	99.3	92.4	77.5	47.6	13.1	3.3	69.2	275
	18-20	100.0	100.0	100.0	100.0	100.0	100.0	90.0	63.3		80.7	30
	21-23											
	TOTALS	100.0	100.0	100.0	99.8	96.0	84.0	61.7	37.5	10.6	74.7	1882

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	99.8	99.7	96.0	89.6	55.2	90.1	501
	09-11	100.0	100.0	100.0	99.4	89.5	73.3	47.9	26.2	6.9	70.1	621
	12-14	100.0	100.0	100.0	95.7	78.5	55.0	30.6	15.0	4.6	63.9	585
	15-17	100.0	100.0	100.0	98.4	89.2	69.6	47.5	23.0	5.5	69.0	434
	18-20	100.0	100.0	100.0	100.0	100.0	98.5	92.6	67.6	19.1	83.5	68
21-23												
TOTALS		100.0	100.0	100.0	98.7	91.4	79.1	62.9	44.3	18.2	75.3	2206

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC PERIOD OF RECORD: 77-86
 MONTH: NOV

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-01											
	03-05											
	06-08	100.0	100.0	100.0	100.0	99.8	97.8	92.6	81.9	55.8	88.5	403
	09-11	100.0	100.0	99.8	98.1	90.6	77.9	57.4	36.1	15.6	73.1	587
	12-14	100.0	100.0	98.3	93.3	81.8	63.1	38.5	23.0	7.4	66.3	582
	15-17	100.0	100.0	99.3	96.9	90.8	76.4	57.8	33.0	10.4	72.1	415
	18-20	100.0	100.0	100.0	100.0	97.5	96.3	88.8	72.5	32.5	84.6	81
	21-23											
	TOTALS	100.0	100.0	99.5	97.7	92.1	82.3	67.0	49.3	23.9	76.9	2067

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	100.0	99.7	98.1	95.0	90.6	79.7	49.7	86.9	366
	09-11	100.0	100.0	99.8	97.2	88.8	75.9	55.0	36.3	16.3	72.8	609
	12-14	100.0	100.0	98.8	90.0	78.9	58.4	37.1	22.3	11.0	65.3	601
	15-17	100.0	100.0	99.1	94.8	84.9	70.7	49.2	29.6	13.0	69.7	427
	18-20	100.0	100.0	100.0	100.0	98.6	95.7	87.0	65.2	39.1	81.9	49
21-23												
TOTALS		100.0	100.0	99.5	96.3	89.9	79.1	63.8	46.6	27.8	75.7	2182

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DARE COUNTY GUNNERY RANGE NORTH CAROLINA LIMITED
SURFACE OBSERVATIONS CL. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. JAN 88
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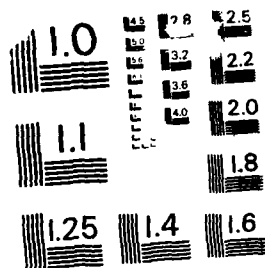
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MICROCOPY RESOLUTION TEST CHART
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GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 74695C STATION NAME: DARE COUNTY GUNNERY RANGE 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	100.0	99.3	94.4	84.8	69.2	51.9	36.6	22.1	71.5	2072
FEB		100.0	100.0	99.8	97.1	87.9	73.8	52.6	37.1	20.5	72.6	1957
MAR		100.0	100.0	99.7	95.9	84.5	68.3	47.7	31.5	16.4	70.1	2274
APR		100.0	100.0	97.4	89.1	75.9	59.9	40.2	26.1	12.3	65.8	2355
MAY		100.0	100.0	99.3	96.4	88.1	68.8	50.1	28.5	10.2	69.6	2306
JUN		100.0	100.0	100.0	99.3	93.2	74.3	50.4	26.3	9.3	71.1	2306
JUL		100.0	100.0	100.0	99.7	96.4	86.6	61.3	29.1	8.6	74.0	2140
AUG		100.0	100.0	100.0	100.0	98.1	89.8	66.7	34.4	12.2	76.2	2188
SEP		100.0	100.0	100.0	99.8	96.0	84.0	61.7	37.5	10.6	74.7	1882
OCT		100.0	100.0	100.0	98.7	91.4	79.1	62.9	44.2	18.2	75.3	2208
NOV		100.0	100.0	99.5	97.7	92.1	82.3	67.0	49.3	23.9	76.9	2067
DEC		100.0	100.0	99.5	96.3	89.9	79.1	63.8	46.6	25.8	75.7	2062
TOTALS		100.0	100.0	99.5	97.0	89.9	76.3	56.4	35.6	15.8	72.8	25821

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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/MAC

STATION PRESSURE IN INCHES HG FROM
 HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE 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	30.058 .248 166	30.024 .258 143	30.000 .274 172	29.964 .213 193	29.992 .154 201	30.012 .128 195	30.012 .107 192	30.039 .114 185	30.050 .125 194	30.066 .170 181	30.097 .193 164	30.114 .231 160	30.034 .193 2136
10	MEAN SD TOT OBS	30.092 .265 211	30.065 .267 189	30.026 .276 212	29.988 .235 219	30.001 .161 217	30.011 .134 211	30.029 .109 207	30.050 .114 207	30.069 .125 189	30.100 .175 209	30.124 .196 198	30.147 .228 204	30.058 .205 2473
13	MEAN SD TOT OBS	30.022 .269 207	30.017 .260 189	29.987 .282 214	29.957 .236 215	29.979 .159 208	29.991 .136 200	30.006 .113 200	30.024 .112 212	30.035 .125 171	30.066 .174 199	30.071 .203 196	30.075 .233 201	30.018 .205 2412
16	MEAN SD TOT OBS	30.039 .258 150	30.020 .256 138	29.968 .272 162	29.932 .232 155	29.955 .159 119	29.972 .138 150	29.981 .112 119	29.994 .113 128	30.017 .131 96	30.065 .160 147	30.060 .201 142	30.076 .237 147	30.006 .207 1673
19	MEAN SD TOT OBS													
22	MEAN SD TOT OBS													
ALL HOURS	MEAN SD TOT OBS	30.054 .262 734	30.033 .261 659	29.997 .277 760	29.962 .230 782	29.984 .159 765	29.998 .134 756	30.010 .111 718	30.030 .114 732	30.046 .177 640	30.075 .171 736	30.090 .199 700	30.105 .233 712	30.031 .203 8694

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SEA LEVEL PRESSURE IN HRS FROM
 HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 78,84-87

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	1017.0 8.009 51	1017.2 9.619 53	1019.0 7.591 54	1013.4 5.674 58	1016.5 5.144 53	1016.5 4.075 62	1016.4 3.615 59	1017.5 4.156 78	1018.8 4.791 72	1020.5 4.650 43	1019.4 7.522 28	1021.1 6.723 51	1017.7 6.277 665
10	MEAN SD TOT OBS	1018.5 9.006 64	1018.3 9.130 55	1019.8 8.098 61	1014.9 6.845 63	1016.6 5.326 58	1016.6 4.145 63	1017.1 3.686 69	1017.9 4.131 85	1019.8 4.561 72	1021.2 4.902 61	1020.4 7.309 30	1021.8 6.714 63	1018.5 6.528 744
13	MEAN SD TOT OBS	1016.5 9.409 62	1017.0 8.424 52	1014.4 8.212 54	1014.1 6.882 61	1016.0 4.591 52	1015.8 4.239 58	1016.3 3.724 65	1017.0 4.097 84	1018.5 4.641 65	1020.1 4.901 60	1019.5 7.461 30	1019.9 6.865 63	1017.4 6.514 715
16	MEAN SD TOT OBS	1018.1 8.013 39	1016.8 8.849 43	1018.8 7.762 44	1012.8 7.447 42	1014.8 4.609 40	1015.1 4.660 40	1015.5 4.255 31	1016.6 3.987 53	1018.5 4.798 38	1019.9 4.649 45	1018.6 7.418 20	1020.1 6.484 44	1017.1 6.557 479
19	MEAN SD TOT OBS													
22	MEAN SD TOT OBS													
ALL HOURS	MEAN SD TOT OBS	1017.5 8.710 216	1017.4 9.065 204	1019.0 7.904 218	1013.9 6.687 224	1016.0 4.966 203	1016.1 4.255 223	1016.5 3.770 224	1017.3 4.110 300	1019.0 4.688 247	1020.5 4.788 215	1019.6 7.346 108	1020.8 6.719 221	1017.7 6.483 2603

SUPPLEMENTAL DATA SECTION SPECIAL CAVEAT PAGE

1. GIVE PARTICULAR ATTENTION TO THE HOURS OF OPERATION PROVIDED AT BEGINNING OF THE LISDCS.
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 "BOGES" 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: "0.00" EQUALS NONE FOR THE MONTH (HUNDRETHS)

EXTREME DAILY SNOWFALL: "0.0" 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

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

STATION NUMBER: 74695C

STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 67-70, 73-87

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 100							.5						.0
GE 95						3.8	8.8	3.8	.5				1.5
GE 90				1.9	1.5	14.3	28.4	26.3	8.3	1.0			7.3
GE 85			.5	3.4	14.9	37.1	69.1	65.7	28.5	2.9			19.8
GE 80			2.7	11.6	38.6	68.1	93.1	91.1	62.2	17.1	1.1		34.2
GE 75	1.1	1.3	10.8	28.5	64.9	88.6	99.5	99.1	88.1	46.8	13.6	2.8	48.0
GE 70	2.2	3.2	21.0	50.2	85.1	97.6	100.0	100.0	96.4	69.8	37.3	10.1	58.8
GE 65	7.7	9.7	34.9	69.6	94.6	99.5			100.0	89.3	53.1	20.7	67.6
GE 60	17.7	23.2	49.5	87.0	97.5					97.1	72.3	36.3	75.6
GE 55	31.5	33.5	65.6	92.8	100.0	100.0				99.5	90.4	55.9	82.6
GE 50	45.3	53.5	80.6	98.1						100.0	98.3	72.6	88.6
GE 45	66.9	69.0	93.5	100.0							99.4	86.0	93.7
GE 40	78.5	84.5	98.9								100.0	92.7	96.6
GE 35	89.5	94.2	100.0									99.4	98.7
GE 30	96.7	100.0										100.0	99.7
GE 25	98.3												99.9
GE 20	100.0												100.0
MEAN	48.7	50.5	60.1	69.1	76.9	82.5	87.1	86.2	81.3	73.2	65.3	55.9	69.7
SD	10.535	10.436	10.725	9.057	7.064	6.638	5.019	4.896	5.816	6.943	8.230	10.182	15.211
TOTAL OPS	181	155	186	207	202	210	204	213	193	205	177	179	2312

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 74695C

STATION NAME: DARE COUNTY GUNNEPY RANGE NC

PERIOD OF RECORD: 67-70, 75-87

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 85]						1.0	.5	.5					.2
GE 87]						3.3	10.3	3.8					1.6
GE 75]					2.5	17.6	37.7	31.0	4.7	.5			8.4
GE 77]				1.0	10.4	41.4	81.4	67.1	25.9	3.9			20.6
GE 65]	.6			8.7	37.6	69.0	92.2	96.9	55.4	18.0	6.2	1.7	33.3
GE 60]			7.5	27.1	57.4	89.0	98.0	96.7	74.6	34.6	16.9	4.5	44.7
GE 55]	3.3	3.5	16.1	43.5	75.7	96.2	100.0	100.0	89.6	56.6	34.5	8.9	54.9
GE 57]	7.2	11.0	27.4	63.3	87.6	100.0			97.4	77.1	46.3	19.0	63.9
GE 45]	12.7	18.1	44.1	80.2	96.0				99.5	85.4	64.4	31.3	71.7
GE 47]	22.8	31.0	60.8	91.3	100.0				100.0	94.6	74.0	48.0	79.0
GE 35]	35.9	47.7	80.1	98.1						98.0	85.3	62.6	85.5
GE 33]	41.0	55.5	86.6	99.5						99.5	91.0	69.3	88.2
GE 32]	51.6	69.4	91.9	100.0						100.0	96.0	79.9	91.7
GE 25]	74.6	85.8	99.5								98.9	53.9	96.5
GE 27]	85.0	98.1	100.0								100.0	100.0	99.0
GE 15]	96.1	99.4											99.7
GE 17]	99.4	100.0											100.0
GE 5]	100.0												100.0
MEAN	1	32.0	35.1	43.4	52.5	60.3	67.8	71.1	64.2	55.5	48.0	39.3	53.5
SD	1	10.514	9.972	9.733	8.792	8.141	6.909	5.253	5.591	7.190	9.077	11.047	15.924
TOTAL OBS	1	181	155	186	207	202	210	204	213	193	205	177	2312

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 74695C

STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 67-70, 73-87

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 97						1.0	.5	.5					.2
GE 85						7.1	18.6	9.9	1.6				3.3
GE 87				1.0	3.5	24.8	56.4	48.8	13.0	1.0			13.3
GE 75			.5	3.9	20.8	53.8	88.2	92.2	76.3	7.8			26.3
GE 70	.6		3.2	15.5	52.0	83.8	99.5	97.2	77.2	22.0	7.3	1.1	40.6
GE 65	1.1	.6	11.8	38.2	73.3	97.1	100.0	100.0	91.7	53.2	23.7	3.9	52.2
GE 60	5.0	6.5	26.9	57.5	89.6	99.0			99.5	78.5	40.1	12.8	62.3
GE 55	9.9	12.9	35.5	78.3	98.0	100.0			100.0	90.7	59.9	26.3	75.2
GE 50	16.0	25.2	55.4	91.8	100.0					98.5	77.4	42.5	77.8
GE 45	22.6	40.0	75.8	98.6						100.0	90.4	61.5	84.9
GE 40	51.6	56.8	93.0	100.0							98.3	78.8	91.1
GE 35	72.4	83.9	98.9								100.0	51.6	96.0
GE 30	87.8	92.3	100.0									98.9	98.4
GE 25	96.1	100.0										100.0	99.7
GE 20	98.9												99.9
GE 15	100.0												100.0
MEAN	40.6	43.1	52.1	61.0	68.9	75.3	80.1	79.0	73.0	64.6	56.9	47.8	61.9
SD	10.025	9.509	9.369	8.034	6.750	6.128	4.476	4.533	5.691	6.946	8.750	9.526	15.128
TOTAL OHS	181	155	186	207	202	210	204	213	193	205	177	179	2312

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 66-70, 73-87

YEAR	WHOLE DEGREES FARENHEIT												ALL MONTHS
	JAN	FEB	MAR	APP	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
66			*74	*80	*86	*88	*89	*88	*82	*84	*68	*74	
67				*80				*85	*85	*81	*73	*64	
68	*67	*50		*76	*85	*90	*90	*89	*78	*79	*76	*59	*90
69	*68	*54	*71	*77		*94	*89	*93	*89	*76	*56	*72	
70	*67	*53	*60	*77					*83	*82	*62	*72	
73	*37	*54	*79	*73			*88		*86	*84	*78	*52	*90
74	*75	*64	*78	*90	*81	*85	*90	*87	*74	*77	*79		
75	*58	*49		*80		*79			*79	*69			
76			*56		*78	*65	*85						
77			*60	*88	*89	*95	*98	*97	*88	*78	*80	*71	
78			*76	*81	*88	*94	*95	*93	*92	*82	*79	*68	*95
79	*59	*46	*79	*87	*84	*81	*92	*86	*86	*63	*75	*71	*92
80	*65	*63	*73	*77	*89	*96	*94	*88	*92	*76	*74	*75	*96
81	*64	*66	*81	*90	*85	*98	*97	*95	*89	*86	*73	*66	*98
82	*69	*77	*80	*76	*85	*90	*94	*94	*89	*81	*77	*76	*94
83	*66	*67	*77	*85	*83	*88	*96	*95	*96	*86	*73	*69	*96
84	*62	*71	*68	*78	*85	*96	*93	*95	*85	*84	*80	*77	*96
85	*75	*68	*69	*93	*90	*94	*95	*95	*94	*87	*79	*70	*95
86	*68	*76	*78	*87	*93	*96	*100	*94	*90	*92	*78	*76	*100
87	*65	*65	*74	*82	*91	*94	*98	*94	*90				
MEAN													
TOTAL OBS	191	155	186	207	202	210	204	213	193	205	177	179	2312

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: 746950 STATION NAME: DARE COUNTY GUNNERY RANGE NC

PERIOD OF RECORD: 66-70, 73-87

YEAR	WHOLE DEGREES FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
66			*23	*46	*40	*52	*60	*61	*43	*39	*20	*31	
67				*43			*70	*61	*55	*31	*29	*20	
68	*19	*24											
69	*22	*23	*26	*30	*47	*65	*62	*55	*46	*39	*33	*26	*22
70	*11	*22	*39	*34		*75	*70	*73	*52	*35	*34	*31	
73	*32	*33	*18	*38			*70		*58	*59	*43	*24	
74	*40	*20	*36	*38	*51	*58	*59	*60	*50	*73	*32	*27	*20
75	*32	*27		*56			*73		*68	*58	*36		
76			*42		*59	*52	*69		*53	*46			
77			*38	*39	*44	*59	*70	*60	*54	*43	*34	*20	
78	*14	*19	*26	*46	*41	*54	*55	*65	*58	*34	*45	*24	*14
79	*19	*20	*33	*47	*45	*59	*66	*58	*58	*41	*36	*24	*19
80	*23	*14	*29	*43	*51	*56	*63	*66	*59	*34	*31	*20	*14
81	*9	*21	*28	*34	*53	*61	*65	*63	*46	*41	*24	*24	*9
82	*12	*30	*29	*35	*41	*58	*71	*67	*54	*42	*30	*26	*12
83	*20	*25	*34	*37	*47	*53	*57	*57	*51	*43	*32	*22	*20
84	*22	*20	*27	*40	*46	*55	*63	*57	*45	*55	*25	*31	*20
85	*13	*20	*29	*35	*47	*58	*64	*65	*64	*50	*46	*26	*13
86	*16	*26	*33	*41	*43	*59	*71	*65	*49	*35	*44	*28	*16
87	*18	*25	*29	*39	*40	*58	*63	*56	*52				
MEAN													
S.D.													
TOTAL OBS	181	155	186	207	202	210	204	213	193	205	177	179	2312

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

END

DATE
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