

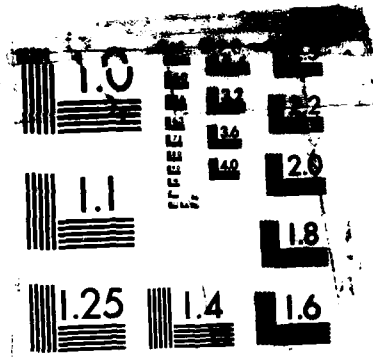
AD-A174 643

DOVER AFB DELAWARE REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATIONS (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT AFB IL NOV 86
USAFETAC/DS-86/862 P/G 4/2

1/4

UNCLASSIFIED

NL



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

①

USDE 724088

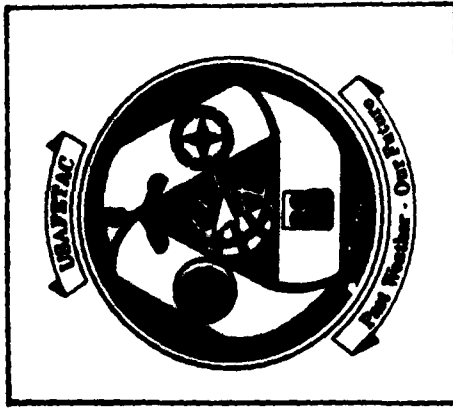
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REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

DOVER AFB DE MSC #724088
N 39 08 W 075 28 ELEV 28 FT KDOV

PARTS A - F HOURS SUMMARIZED: 0000 - 2300 LST

PERIOD OF RECORD:

HOURLY OBSERVATIONS: JUL 76 - JUN 86

SUMMARY OF DAY DATA: DEC 42 - SEP 46,

SEP 50 - JUN 86, 8 NOV 1986;

TIME CONVERSION GMT TO LST -5

DTIC
ELECTE
DEC 2 1986
B

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AD-A174 643

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86 12 02 012

REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-86/062 has been reviewed and is approved for publication.

FOR THE COMMANDER

A handwritten signature in cursive script, appearing to read "Walter S. Burgmann".

WALTER S. BURGMANN
Scientific and Technical Information Officer
(STINFO)

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

Accession For	
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DTIC TAB	<input type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	
By	
Distribution	
Availability Codes	
Dist	Special
A-1	



REPORT DOCUMENTATION PAGE

- 1a. Report Security Classification: UNCLASSIFIED
3. Distribution/Availability of Report: Approved for public release; Distribution unlimited.
4. Performing Organization Report Number: USAFETAC/DS-86/062.
5. Monitoring Organization Report Number: USAFETAC/DS-86/062.
- 6a. Name of Performing Organization: USAFETAC/OL-A
- 6b. Office Symbol:
- 6c. Address: Federal Building, Asheville, NC 28801-2723.
11. Title: (RUSSWO) DOVER AFB DE
12. Personal Author(s):
- 13a. Type of Report: Data Summary
- 13b. Time Covered: Dec 42-Sep 46, Sep 50-Jun 86.
14. Date of Report: Nov 86
15. Page Count: 312
16. Supplementary Notation:
17. COSATI Codes: Field--04, Group--02
18. Subject Terms: *climatology; *weather; meteorological conditions; winds; precipitation; temperature; visibility; barometric pressure; relative humidity; sky cover; psychrometric data; ceiling; Revised Uniform Summary of Surface Weather Observations (RUSSWO); Dover AFB DE; Delaware; Dover Air-Sub Base DE USDE 724088.
19. Abstract: A six-part statistical data summary of surface weather observations for: Dover AFB DE. Summary consists of: PART A, Weather Conditions and Atmospheric Phenomena; PART B, Precipitation; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; PART F, Pressure Summaries. See USAFETAC/TN-83/001 (ADA132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWO) for complete description of contents and instructions for use.
20. Distribution/Availability of Abstract: Same as report.
21. Abstract Security Classification: UNCLASSIFIED.
- 22a. Name of Responsible Individual: Marianne L. Cavanaugh
- 22b. Telephone: (618)256-2625
- 22c. Office Symbol: USAFETAC/LDD

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

HOURLY OBSERVATIONS

Hourly observations are defined as those records of record-speci- cally observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-speci- cally, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

In preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Air Force and some foreign stations using similar reporting practices.

Where otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

PART E DAILY MAX, MIN, & MEAN TEMP

ATMOSPHERIC PHENOMENA

EXTREME MAX & MIN TEMP

PART B PRECIPITATION

PSYCHROMETRIC-DRY VS WET BULB

SNOWFALL

MEAN & STD DEV

SNOW DEPTH

(DRY BULB, WET BULB, & DEW POINT)

PART C SURFACE WINDS

RELATIVE HUMIDITY

PART D CEILING VERSUS VISIBILITY

PART F STATION PRESSURE

SKYCOVER

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0300, 0300-0600, 0600-0900, 0900-1200, 1200-1500, 1500-1800, 1800-2100, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Hourly missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____
FEBRUARY _____
MARCH _____

APRIL _____
MAY _____
JUNE _____

JULY _____
AUGUST _____
SEPTEMBER _____

OCTOBER _____
NOVEMBER _____
DECEMBER _____

13707

STATION NO. OF SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV. (FT.)	CALL SIGN	WHO NUMBER
724088	DOVER AFB DELAWARE	N 39 08	W 075 28	28	KDOV	73455

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	MT. BARR.	
1	Dover Air-Sub Base, Delaware	AAF	1 Dec 42	31 Dec 42	N 39 11	W 75 30	20	25	24
2	Dover Army Airfield, Delaware	AAF	1 Jan 43	Feb 43	N 39 08	W 75 29	Same	23	24
3	Same	AAF	Mar 43	Sep 46	Same	W 75 28	Same	23	24
4	Dover Air Force Base, Delaware	AFB	Jul 49	16 Sep 49	Same	Same	Same	23	08
5	Same	Same	Aug 50	14 Jun 53	Same	Same	Same	27	24
6	Same	Same	15 Jun 53	19 Mar 55	Same	Same	28	27	24
7	Same	Same	7 Apr 55	17 Mar 58	Same	Same	28	32	24
8	Same	Same	18 Mar 58	Mar 67	Same	Same	28	38	24
9	Same	Same	Apr 67	6 Nov 74	Same	Same	28	24	24
10	Same	Same	7 Nov 74	Jul 81	Same	Same	28	23	24
11	Same	Same	Aug 81	Mar 84	Same	Same	28	23	24
12	Same	Same	Apr 84	Jun 86	Same	Same	28	23	24

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	Dec 42	West end of link trainer bldg.	Selsyn	ML-144A	N/A	From Sig Corps FM 1
2	Jan 43	North end, West wing operations bldg	Same	Same	Same	
3	Jun 43	Same	Same	Same	30 ft	
4	Jul. 46	Same	Same	ML-144B	74 ft	
5	Jun 53	Located on platform beside weather station.	AN/GMQ-11	ML-204	30 ft	From AWS FM 70
6	1 Apr 55	Located on control tower.	Selsyn	ML-144A	Same	
7	7 Apr 55	1. Same	Same	Same	50 ft	
		2. Same	AN/GMQ-11	RO-2/GMQ	30 ft	
8	3 Apr 56	Located at approach end of runway.	Same	Same	40 ft	
9	1 Apr 57	200 ft E of runway 01-19.	AN/GMQ-11	RO-2	15 ft	
10	18 Mar 58	700 ft from weather tower.	AN/GMQ-11	Same	Same	

NUMBER OF STATION	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	4 Apr 63	Located 700 ft NW from weather tower alongside runway 19.	AN/GMO-11	RO-2	13 ft	1 Jan 61 MI-102D Aneroid Barometer installed.
12	1 Apr 69	Located 700 ft NW of ROS along-side runway 19.	Same	RO-362	Same	
13	1 Apr 70	1. Located 600 ft E of centerline of runway 19 end of 01/19. 2. Located 1130 ft E of center-line of runway 01 end of 01/19.	AN/GMO-20	Same	Same	
14	Jul 81	1. Same	Same	Same	Same	
15	Mar 84	2. Same 1. Same 2. Same	Same Same Same	Same Same Same	Same Same Same	

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724088 STATION

DOVER AFB DE

77-86

STATION NAME

YEARS

JAN
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		6.7	2.4	6.7		15.5	17.4	4.4	.9		22.0	930
	03-05		6.3	1.5	7.7		15.2	19.1	4.4	.5		23.1	930
	06-08		7.4	.6	6.3		14.2	20.9	7.0	.6		26.9	930
	09-11		8.4	.4	7.1		15.4	18.4	9.7	1.0	.1	27.2	930
	12-14		8.1	.8	6.7		14.3	14.1	9.0	1.1	.8	23.5	930
	15-17	.1	10.0	.6	5.3		15.8	15.2	9.7	1.1	.5	25.3	930
	18-20		8.8	1.1	5.6		15.3	16.5	6.0	1.1		24.3	930
	21-23	.1	7.1	1.9	5.9		14.1	16.7	4.6	1.2		22.2	930
TOTALS		.0	7.9	1.2	6.4		15.0	17.3	7.1	.9	.2	24.3	7440



GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724088 STATION

DOVER AFB DE STATION NAME

77-86 YEARS

FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02		9.6	1.4	5.6		16.0	24.3	6.9	.9	.4	30.3	846
	03-05		9.6	.9	4.3		14.5	26.1	5.6	.5	.4	30.5	846
	06-08		9.2	.6	5.0		14.2	30.3	10.0	1.1		38.3	846
	09-11		8.2	.6	4.3		12.8	23.3	13.5	1.5	.7	36.9	846
	12-14		7.1	.6	5.6		12.6	17.8	9.6	1.8	1.1	29.6	846
	15-17		7.8	.7	4.8		13.0	18.0	10.4	1.3	.8	29.9	846
	18-20	.1	8.4	.8	5.7		14.3	18.3	8.6	1.1	.1	27.5	846
	21-23		7.7	1.1	5.7		13.9	19.7	7.1	1.1	.4	26.0	846
TOTALS		.0	8.5	.8	5.1		13.9	22.2	9.0	1.2	.5	31.1	6768

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724088 STATION

DOVER AFR DE

STATION NAME

77-86

YEARS

MAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	.2	11.0	.3	1.8		12.7	14.5	4.6	.3		18.3	930
	03-05		11.6	.5	3.7		15.2	18.0	4.7	.3		21.5	930
	06-08	.3	12.8	.4	2.8	.1	15.2	21.7	10.0	.3		29.7	930
	09-11	.3	12.8	.1	2.2		14.2	18.1	11.1			27.1	929
	12-14		12.8		1.9	.1	13.9	13.9	7.3			20.2	930
	15-17	.1	11.2	.1	1.2	.1	12.2	13.0	5.7			18.2	930
	18-20	.2	10.1	.3	1.7		11.8	13.9	4.8			18.4	930
	21-23	.5	12.4	.3	1.9		14.1	13.0	5.3	.1		17.8	930
TOTALS		.2	11.8	.3	2.2	.0	13.7	15.8	6.7	.1		21.4	7439

WEATHER CONDITIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

724088 STATION

DOVER AFB DE

STATION NAME

77-86

YEARS

APR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	1.2	13.2		.4		13.3	20.6	6.1			22.7	900
	03-05	.1	12.2		1.2		12.7	24.0	5.6			26.0	900
	06-08	.3	12.9		1.3		14.1	28.9	11.9			36.2	900
	09-11	.1	12.1		1.0		12.9	18.2	11.0			26.8	900
	12-14	.1	10.7		1.4	.1	11.1	13.7	9.8			21.3	900
	15-17	.3	9.8		.6		10.3	11.4	9.1			19.6	900
	18-20	.9	12.7		.2	.1	12.7	13.3	8.4			20.2	900
	21-23	1.3	14.6		.3	.1	14.8	15.6	8.6			21.4	900
TOTALS		.5	12.3		.8	.0	12.7	13.2	8.8			24.3	7200

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724088 STATION DOVER AFB DE STATION NAME 77-86 YEARS MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	1.2	9.7				9.7	27.1	9.4			33.0	930
	03-05	.2	10.1				10.1	37.4	11.5			43.2	930
	06-08	.1	9.7				9.7	35.8	18.4			47.5	930
	09-11	.2	8.8				8.8	16.7	19.1			32.9	930
	12-14	.3	9.1				9.1	10.4	16.2			25.4	930
	15-17	1.4	9.9				9.9	10.0	13.2		.3	21.5	930
	18-20	2.5	9.7				9.7	13.1	12.4		.2	23.0	930
	21-23	1.9	11.1				11.1	19.1	12.4			28.0	930
TOTALS		1.0	9.8				9.8	21.2	14.1		.1	31.8	7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724088 STATION DOVER AFB DE STATION NAME 77-86 YEARS JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	.8	7.6				7.6	21.3	20.6			36.4	900
	03-05	.6	6.1				6.1	32.3	21.3			44.3	900
	06-08	.6	7.7				7.7	32.8	33.9			54.8	900
	09-11	.2	7.2				7.2	11.6	32.3			41.3	900
	12-14	.6	4.9				4.9	6.9	29.0			34.7	900
	15-17	2.0	7.1				7.1	5.2	26.7			31.0	900
	18-20	3.2	8.2			.1	8.2	10.2	23.4			31.3	898
	21-23	2.2	7.9				7.9	13.7	20.6			31.1	897
TOTALS		1.3	7.1			.0	7.1	16.8	26.0			38.1	7195

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724088 STATION

DOVER AFB DE

STATION NAME

76-85

YEARS

JUL

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	1.6	4.8				4.8	24.6	32.0			48.1	930
	03-05	.9	4.5				4.5	40.3	34.8			59.6	930
	06-08	.8	5.9				5.9	38.7	41.6			61.9	930
	09-11	.3	5.8				5.8	11.4	37.2			43.5	930
	12-14	1.0	4.8				4.8	4.0	33.5			35.4	930
	15-17	2.6	7.6			.1	7.6	3.5	37.5			39.6	930
	18-20	4.1	7.3				7.3	7.5	38.9			43.4	930
	21-23	3.5	5.6				5.6	15.2	36.3			44.5	930
TOTALS		1.9	5.8			.0	5.8	18.2	36.5			47.0	7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724088 DOVER AFB DE STATION NAME

76-85

YEARS

AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	1.3	4.9				4.9	29.0	32.8			48.7	930
	03-05	.8	4.2				4.2	41.9	33.1			57.2	930
	06-08	.9	4.2				4.2	45.1	40.8			64.0	930
	09-11	.8	4.7				4.7	11.5	39.2			44.6	930
	12-14	.9	5.9				5.9	3.9	34.2			36.9	930
	15-17	3.0	5.2				5.2	4.9	34.5			37.7	930
	18-20	2.8	6.3			.1	6.3	8.5	37.0			41.3	930
	21-23	2.8	7.4				7.4	18.4	34.8			44.1	930
TOTALS		1.7	5.4			.0	5.4	20.4	35.8			46.8	7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724088 STATION

DOVER AFB DE

76-85

STATION NAME

YEARS

SEP
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.1	7.2				7.2	21.7	24.0			36.6	900
	03-05	.1	6.0				6.0	32.8	22.6			43.0	900
	06-08	.1	6.4				6.4	43.0	28.6			55.4	900
	09-11	.2	6.6				6.6	13.3	25.2			34.0	900
	12-14	.3	5.6				5.6	5.2	19.0			23.6	900
	15-17	1.1	6.2				6.2	5.7	19.4			24.0	900
	18-20	1.2	7.6				7.6	10.7	24.1			30.4	900
	21-23	.9	7.8				7.8	15.2	22.9			33.0	900
TOTALS		.5	6.7				6.7	18.5	23.2			35.0	7200

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724088
 STATION

DOVER AFB DE

76-85

STATION NAME

YEARS

OCT
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	.1	12.7				12.7	24.6	9.0			29.0	930
	03-05	.3	12.3				12.3	30.1	8.4			34.5	930
	06-08		9.4		.1		9.4	37.3	12.9			44.7	930
	09-11	.1	9.0		.1		9.0	18.5	14.2			30.5	930
	12-14	.1	9.0		.2		9.2	8.2	10.4			18.1	930
	15-17		7.1				7.1	8.0	10.4			17.6	930
	18-20	.3	9.1				9.1	13.7	11.5			22.5	930
	21-23	.3	11.1				11.1	16.9	10.4			24.0	930
TOTALS		.2	10.0		.1		10.0	19.7	10.9			27.6	7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724088 STATION

DOVER AFB DE

STATION NAME

76-85

YEARS

NOV

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02		12.4		.3		12.7	26.0	5.3			29.9	900
	03-05		10.7		.8		11.2	28.8	5.6			33.6	900
	06-08		10.3		1.0		11.0	34.9	10.3			41.8	900
	09-11		11.9		1.1	.1	12.6	22.2	11.7			30.9	900
	12-14		10.9		.4	.2	11.3	14.3	9.9			21.8	900
	15-17	.2	10.0		.3		10.3	15.2	9.4			23.0	900
	18-20	.1	11.4		.1		11.6	19.6	9.0			26.0	900
	21-23		13.6		.2		13.8	24.7	8.3			30.0	900
TOTALS		.0	11.4		.5	.0	11.8	23.2	8.7			29.6	7200

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724088 STATION

DOVER AFB DE

STATION NAME

76-85

YEARS

DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02		9.4	.2	2.5		11.8	20.0	5.5			24.4	930
	03-05		10.4	.4	2.7		13.1	22.9	5.6			26.8	930
	06-08		10.1		1.8		11.9	25.1	7.0			29.8	930
	09-11	.1	11.2	.2	1.2		12.5	21.0	8.0	.3		27.3	930
	12-14		8.9		1.8		10.8	14.5	5.6	.3		19.5	930
	15-17		10.5		1.3		11.6	15.6	6.1	.1		20.1	930
	18-20		10.9		1.7		12.2	16.2	5.6			20.9	930
	21-23		11.3		1.6	.1	12.5	16.5	6.6			21.7	930
TOTALS		.0	10.3	.1	1.8	.0	12.1	19.0	6.3	.1		23.8	7440

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724088 STATION

DOVER AFB DE

STATION NAME

76-86

YEARS

ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.0	7.9	1.2	6.4		15.0	17.3	7.1	.9	.2	24.3	7440
FEB		.0	8.5	.8	5.1		13.9	22.2	9.0	1.2	.5	31.1	6768
MAR		.2	11.8	.3	2.2	.0	13.7	15.8	6.7	.1		21.4	7439
APR		.5	12.3		.8	.0	12.7	18.2	8.8			24.3	7200
MAY		1.0	9.8				9.8	21.2	14.1		.1	31.8	7440
JUN		1.3	7.1			.0	7.1	16.8	26.0			38.1	7195
JUL		1.9	5.8			.0	5.8	18.2	36.5			47.0	7440
AUG		1.7	5.4			.0	5.4	20.4	35.8			46.8	7440
SEP		.5	6.7				6.7	18.5	23.2			35.0	7200
OCT		.2	10.0		.1		10.0	19.7	10.9			27.6	7440
NOV		.0	11.4		.5	.0	11.8	23.2	8.7			29.6	7200
DEC		.0	10.3	.1	1.8	.0	12.1	19.0	6.3	.1		23.8	7440
TOTALS		.6	8.9	.2	1.4	.0	10.3	19.2	16.1	.2	.1	31.7	87642

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724088 STATION

DOVER AFB DE

STATION NAME

76-86

YEARS

ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.0	7.9	1.2	6.4		15.0	17.3	7.1	.9	.2	24.3	7440
FEB		.0	8.5	.8	5.1		13.9	22.2	9.0	1.2	.5	31.1	6768
MAR		.2	11.8	.3	2.2	.0	13.7	15.8	6.7	.1		21.4	7439
APR		.5	12.3		.8	.0	12.7	18.2	8.8			24.3	7200
MAY		1.0	9.8				9.8	21.2	14.1		.1	31.8	7440
JUN		1.3	7.1			.0	7.1	16.8	26.0			38.1	7195
JUL		1.9	5.8			.0	5.8	18.2	36.5			47.0	7440
AUG		1.7	5.4			.0	5.4	20.4	35.8			46.8	7440
SEP		.5	6.7				6.7	18.5	23.2			35.0	7200
OCT		.2	10.0		.1		10.0	19.7	10.9			27.6	7440
NOV		.0	11.4		.5	.0	11.8	23.2	8.7			29.6	7200
DEC		.0	10.3	.1	1.8	.0	12.1	19.0	6.3	.1		23.8	7440
TOTALS		.6	8.9	.2	1.4	.0	10.3	19.2	16.1	.2	.1	31.7	87642

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

XXX WEATHER CONDITIONS XXX
 XXX WEATHER CONDITIONS XXX
 ATMOSPHERIC PHENOMENA

724088 STATION

DOVER AFB DE

STATION NAME

49-86

YEARS

ALL

MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
 FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.8	34.1	4.9	24.9	.3	48.3	41.9	37.6	3.8		55.3	1113
FEB		1.2	37.6	3.4	23.6	.1	49.2	44.2	39.3	3.1		58.6	1016
MAR		4.7	44.3	.7	13.4	.1	49.3	43.7	38.5	1.4		55.9	1116
APR		9.7	50.4	.2	3.0	.4	50.9	44.3	41.3	.1		55.6	1080
MAY		14.6	49.6			.6	49.6	50.6	48.3		.1	62.2	1116
JUN		18.4	44.6			.6	44.6	54.0	62.4			71.7	1080
JUL		22.1	42.1			.4	42.1	58.3	70.4		.2	77.2	1103
AUG		19.6	40.2			.2	40.2	65.5	71.6		.1	80.9	1126
SEP		8.3	36.4				35.4	53.6	60.5			71.1	1080
OCT		3.9	36.8		.6	.1	36.9	52.8	49.6			63.1	1116
NOV		1.5	41.1		5.3	.2	43.5	47.6	42.4	.3		59.6	1080
DEC		.7	39.4	1.9	15.3	.1	46.3	43.9	38.5	1.2		56.6	1115
TOTALS		8.8	41.4	.9	7.2	.3	44.8	50.4	50.0	.8	.0	64.0	13141



PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)
3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.

(2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.

(3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations: U. S. Navy and National Weather Service (USWB)

Beginning thru 1945	at 0800IST	Beginning thru Jun 52	at 0030GMT
Jan 46-May 57	at 1230GMT	Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

724088 STATION DOVER AFB DE STATION NAME 42-46, 49-86 YEARS

PRECIP. SNOWFALL SNOW- DEPTH	AMOUNTS (INCHES)												PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)					
	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST			
	NONE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4								
JAN	51.4	14.2	3.3	7.0	5.0	7.3	5.6	4.8	1.5							34.4	1230	2.99	8.19	TRACE
FEB	50.2	16.6	2.3	6.3	3.7	7.3	6.0	5.4	2.1	.1						33.2	1121	3.04	7.51	TRACE
MAR	49.6	14.6	3.0	6.8	4.2	7.4	5.5	5.6	3.3							35.8	1229	3.80	7.16	TRACE
APR	48.9	16.4	3.4	6.4	4.5	6.7	6.5	5.2	1.9	.1						34.7	1187	3.17	7.13	TRACE
MAY	50.5	14.8	2.8	6.5	5.3	6.6	6.4	4.9	2.1	.2						34.7	1228	3.39	7.66	TRACE
JUN	54.9	15.3	3.3	6.3	2.8	5.9	4.8	4.0	2.3	.3						29.7	1194	3.16	6.57	.71
JUL	57.0	14.2	3.1	5.0	2.9	5.0	4.2	4.7	2.9	.9	.1					28.8	1228	4.26	12.60	.77
AUG	60.6	12.0	1.6	4.5	3.6	4.6	5.0	3.8	3.8	.6	.1					27.4	1250	4.43	16.57	TRACE
SEP	63.3	11.7	1.8	4.8	2.9	4.6	3.0	3.9	3.4	.6						25.0	1191	3.51	7.70	.44
OCT	62.8	12.8	1.7	4.5	2.8	5.2	4.0	3.3	2.6	.2						24.4	1209	2.98	6.91	.01
NOV	56.3	14.2	2.1	5.6	3.6	4.7	5.6	5.2	2.4	.2	.1					29.5	1170	3.48	8.61	.52
DEC	54.0	14.9	2.0	6.1	3.4	6.3	5.1	5.2	2.9	.1						31.1	1223	3.51	9.07	.00
ANNUAL	55.0	14.3	2.5	5.8	3.7	6.0	5.1	4.7	2.6	.3	.0					30.7	14460	41.72		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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EXTREME VALUES OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 42-46, 49-86

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
42	*TRACE												*.00
43	*TRACE	*TRACE	*TRACE	*TRACE	*TRACE	1.98	3.09	1.24	1.32	1.69	1.58	1.07	3.09
44	2.22	.32	1.54	2.60	.93	.73	1.34	2.06	1.18	1.52	2.76	.97	2.76
45	.91	.96	1.11	1.29	1.09	1.23	1.82	.36	1.55	1.15	.75	1.26	1.82
46	.62	.67	.79	1.15	2.41	.87	2.16	1.20	*.61				
49						*2.70	*1.27						
50						*TRACE	2.11	.98					
51	.61	1.12	.71	.66	1.25	1.65	1.36	1.07	1.10	1.59	2.30	1.49	2.30
52	.89	.58	1.14	2.23	2.01	1.32	1.33	4.80	.69	.60	2.43	1.22	4.80
53	.90	1.70	.99	.91	1.72	.80	2.75	3.30	.66	1.23	.96	1.16	3.30
54	.93	1.11	.95	.92	.80	.55	1.38	.73	1.96	.62	1.84	.87	1.96
55	.15	1.77	.83	.74	.61	2.20	.65	3.75	.29	.86	1.05	.37	3.75
56	.56	.75	1.54	.54	.90	1.24	1.99	1.58	.66	1.39	5.66	.68	5.66
57	.34	.60	1.60	.59	.64	1.74	.68	1.12	1.13	1.05	1.58	1.18	1.74
58	1.17	1.91	1.47	1.04	1.19	1.36	1.60	4.36	.99	1.22	1.48	1.49	4.36
59	.73	.51	1.36	.66	.27	.66	4.06	1.59	1.13	2.02	1.69	.84	4.06
60	.68	1.14	.33	.83	.56	.37	3.32	1.28	3.48	.49	.60	1.04	3.48
61	1.30	1.87	1.08	1.10	1.37	2.39	1.04	.77	.86	1.79	.75	.66	2.39
62	1.46	.64	.93	1.98	.50	.76	.62	1.56	1.21	.46	1.32	.80	1.98
63	.42	.98	1.33	.23	1.81	1.32	.74	2.62	1.77	.01	2.53	.86	2.62
64	.98	1.20	.98	.96	.51	.37	.96	.39	1.88	.90	.55	.68	1.88
65	.92	.40	.90	.56	.86	.91	.80	1.32	.72	.47	.29	.38	1.32
66	1.16	1.47	.62	1.01	.65	1.32	.64	.38	1.66	4.11	.43	1.02	4.11
67	.62	1.20	1.40	1.27	2.52	2.01	1.50	9.01	3.00	.95	.80	1.40	9.01
68	.95	.66	1.42	.83	1.73	1.08	*1.80	.60	.86	1.28	1.43	.65	*1.80
69	.63	.86	1.20	1.10	1.04	2.75	4.81	1.07	1.01	.86	.63	1.88	4.81
70	.38	.58	1.06	2.28	.38	1.21	1.49	1.63	.65	1.76	1.14	1.49	2.28
71	.77	2.18	.73	.55	1.91	1.25	.82	2.71	2.58	1.73	1.22	2.66	2.71
72	1.08	1.14	.63	1.04	1.01	2.64	1.09	.62	1.55	2.19	2.11	1.67	2.64
73	.97	1.47	.82	1.07	1.20	1.40	2.15	.75	1.58	1.28	.47	1.22	2.15

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE.....

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 USAFETAC
 ATM WEATHER SERVICE/WAC

STATION NUMBER: 725088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 42-46, 49-86

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
74	.60	.67	1.21	.36	.84	1.84	.43	1.82	1.08	1.16	.24	2.21	2.21
75	1.27	.88	2.01	1.82	1.12	.97	5.41	.80	2.74	1.07	1.09	1.87	5.41
76	1.96	.62	.64	.61	.57	.47	2.70	2.20	.94	1.64	.37	1.31	2.70
77	1.06	1.08	1.11	.85	.47	2.68	.50	1.70	2.70	1.01	1.20	2.25	2.70
78	1.61	1.02	1.32	1.18	.67	1.31	2.91	1.36	.22	.88	.63	1.18	2.91
79	1.65	2.69	1.62	.91	1.15	2.18	1.47	1.24	1.34	1.38	1.14	.68	2.69
80	1.20	.51	1.62	1.15	.71	1.44	2.04	1.73	1.76	3.67	.76	.24	3.67
81	.23	.90	.83	1.29	1.35	1.04	.97	1.32	1.88	.82	.28	1.39	1.88
82	.93	.77	1.07	1.30	.99	1.04	.97	1.35	.61	.97	1.74	1.16	1.74
83	.31	.56	1.47	1.24	1.64	3.18	2.38	1.30	1.76	1.47	1.18	1.15	3.18
84	.86	1.18	1.89	1.12	2.64	.70	1.37	1.86	.90	1.24	.72	.56	2.64
85	.86	1.06	.49	.11	1.31	.53	2.73	2.00	2.81	1.48	.95	.41	2.81
86	1.44	.95	1.49	.39	.40	.89							
MEAN	.932	1.030	1.134	1.038	1.121	1.384	1.791	1.809	1.444	1.307	1.297	1.128	3.123
S.D.	.456	.528	.389	.545	.608	.711	1.187	1.562	.781	.763	.976	.545	1.475
TOTAL OBS	1230	1121	1229	1187	1228	1194	1228	1250	1191	1209	1170	1223	14460

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 42-46, 49-86

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
42													4.00
43	*TRACE	*TRACE	*TRACE	*TRACE	*TRACE	*TRACE	4.94	1.73	3.21	4.68	4.09	1.66	422.63
44	4.02	1.08	5.23	5.04	2.38	1.46	2.72	4.02	4.54	2.58	5.01	2.14	40.22
45	3.88	2.41	1.73	3.50	2.63	4.71	9.40	1.23	3.94	2.35	3.09	6.75	45.82
46	2.47	2.12	3.00	1.91	6.92	1.70	5.09	3.34	4.73				
49							*5.66	*4.45					
50							*TRACE		6.34	1.58	2.74	2.15	
51	1.95	3.18	2.68	2.50	3.71	5.17	2.51	2.91	2.17	3.89	6.51	6.63	43.71
52	4.82	1.87	4.82	6.98	5.41	2.43	3.34	9.78	1.26	.71	4.83	3.58	49.83
53	4.43	3.07	4.89	3.33	7.66	2.78	3.80	4.79	.87	2.83	1.98	2.86	43.29
54	2.69	1.51	3.70	2.68	3.48	.71	1.74	2.42	4.52	2.18	4.39	3.09	33.11
55	.34	4.10	3.80	2.58	1.81	5.81	.77	12.26	1.93	2.07	1.99	.47	37.43
56	1.86	2.99	4.05	1.63	1.51	3.22	5.12	3.41	2.67	5.63	8.61	3.67	44.37
57	2.07	3.04	3.20	1.91	1.22	2.84	.93	3.21	3.55	2.27	6.24	4.60	35.08
58	2.74	5.28	7.16	3.92	5.47	2.82	7.80	11.00	2.13	2.83	3.16	2.61	56.92
59	1.88	1.74	3.76	3.46	.97	1.47	12.60	4.81	2.23	4.23	6.03	2.85	46.03
60	2.01	4.04	1.06	2.44	2.99	.86	7.08	4.81	7.37	1.64	1.28	2.88	37.93
61	2.73	5.05	5.09	3.30	4.33	4.23	3.36	2.29	2.26	3.47	2.07	3.13	41.31
62	3.01	2.73	2.98	3.70	1.62	2.05	1.69	2.30	2.67	1.10	5.23	2.02	31.10
63	1.86	1.95	4.54	.48	2.40	2.65	1.26	4.78	3.40	.01	5.22	1.79	30.34
64	4.47	5.19	2.79	5.33	.55	.83	2.18	1.30	4.19	2.26	1.56	3.38	34.03
65	3.20	1.50	3.87	2.11	1.20	1.54	2.04	3.19	2.03	.92	.52	.69	22.81
66	3.53	3.78	1.37	3.07	3.16	2.67	1.37	.97	6.61	6.86	1.24	4.40	39.03
67	1.31	4.91	3.73	2.40	4.69	2.85	3.17	16.57	3.76	2.28	2.23	6.97	54.87
68	1.97	1.45	5.61	2.27	5.08	3.10	*2.08	1.27	1.44	3.68	4.45	3.02	*35.42
69	1.90	2.80	4.08	3.40	2.12	3.94	9.10	3.92	2.75	1.16	2.03	8.07	45.27
70	1.30	1.83	3.54	4.62	1.37	4.33	3.14	2.52	.88	3.05	3.15	3.57	33.30
71	2.45	6.11	3.00	1.48	4.63	1.52	2.73	10.48	7.70	4.69	4.20	3.20	52.19
72	3.17	4.72	2.06	4.13	3.30	6.57	2.41	.86	2.84	5.52	7.03	5.04	47.65
73	3.52	2.69	2.62	3.91	4.23	3.69	4.92	2.96	2.70	2.49	1.17	5.50	40.40

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 42-46, 49-86

.....
 TOTAL MONTHLY PRECIPITATION IN INCHES

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

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
74	2.88	2.01	4.69	1.43	4.90	4.60	.83	5.49	3.51	1.67	.70	5.29	38.00
75	5.40	3.42	5.86	3.85	5.19	3.26	10.39	2.91	5.72	3.27	3.63	3.59	56.49
76	4.87	1.71	2.03	1.00	1.81	1.45	6.29	4.19	3.20	6.91	.82	3.21	37.49
77	2.52	1.27	2.29	1.85	1.12	4.36	1.85	3.90	6.15	4.16	5.70	5.90	41.07
78	7.43	1.83	6.59	2.09	3.76	3.34	7.64	4.61	.44	1.60	2.37	4.85	46.55
79	8.19	7.51	3.64	2.95	3.90	6.36	5.63	5.25	4.65	4.10	3.48	1.67	57.33
80	3.65	1.08	5.84	4.76	2.20	3.98	3.79	4.24	3.73	5.71	2.40	1.00	42.38
81	.61	3.17	1.63	4.60	4.21	3.68	2.82	4.14	5.47	2.41	.77	4.06	37.57
82	3.00	3.55	3.14	4.61	2.04	3.93	2.66	3.21	2.17	1.59	4.58	2.69	37.17
83	1.14	2.57	6.28	7.13	5.47	6.16	4.03	4.33	3.01	2.84	5.58	5.74	54.28
84	1.78	3.80	7.04	5.26	6.68	1.98	4.15	2.90	1.81	2.43	2.18	1.44	41.45
85	2.64	2.53	2.60	.35	5.26	1.79	6.67	4.90	7.49	2.56	3.37	.83	40.99
86	2.89	3.06	2.19	1.80	.72	2.53							
MEAN	2.989	3.042	3.799	3.173	3.387	3.163	4.259	4.427	3.508	2.980	3.478	3.513	42.128
S.D.	1.622	1.479	1.591	1.580	1.858	1.556	2.867	3.305	2.920	1.539	1.991	1.850	8.052
TOTAL OBS	1230	1121	1229	1187	1228	1194	1228	1250	1191	1209	1170	1223	14460

NOTE * (BASED ON LESS THAN FULL MONTHS)

3 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 SNOWFALL
 (FROM DAILY OBSERVATIONS)

724088 STATION DOVER AFB DE STATION NAME 46, 49-86 YEARS

PRECIP. SNOWFALL SNOW- DEPTH	AMOUNTS (INCHES)												PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
	NONE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
JAN	75.2	12.6	4.3	4.2	1.6	.7	.6	.6	.3	.3	.2	.1	12.2	1147	5.3	21.9	.0
FEB	75.9	14.2	2.7	2.6	1.6	1.2	.5	.8	.3	.3	.2	.1	10.0	1045	6.4	33.9	TRACE
MAR	86.4	9.2	1.7	1.0	.5	.3	.2	.3	.3	.3			4.4	1147	2.4	20.2	.0
APR	96.9	2.3	.2	.4	.2								.7	1110	.2	2.2	.0
MAY	100.0													1147	.0	.0	.0
JUN	100.0													1110	.0	.0	.0
JUL	100.0													1136	.3	.0	.0
AUG	100.0													1157	.7	.0	.0
SEP	100.0													1101	.3	.0	.0
OCT	99.4	.6												1116	TRACE	TRACE	.7
NOV	94.7	4.5	.1	.2	.3		.1	.1	.1	.1			.7	1080	.6	9.0	.7
DEC	84.8	10.8	1.6	1.2	.7	.4	.2	.2	.2	.2			4.5	1116	2.2	11.2	TRACE
ANNUAL	92.8	4.5	.9	.8	.4	.2	.1	.2	.1	.1	.0	.0	2.7	13412	17.1		

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE

PERIOD OF RECORD: 46, 49-86

24 HOUR AMOUNTS IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
46	6.2	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8
49													3.3
50													4.7
51	3.8	.7	.4	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.3
52	3.3	1.6	1.0	.0	.0	.0	.0	.0	.0	TRACE	1.1	TRACE	4.7
53	.9	1.0	2.0	TRACE	.0	.0	.0	.0	.0	.0	4.7	TRACE	6.6
54	6.6	TRACE	.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.2	4.3
55	1.0	4.3	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.4	6.5
56	1.1	TRACE	6.5	2.2	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.3
57	2.1	2.3	TRACE	1.1	.0	.0	.0	.0	.0	TRACE	TRACE	2.0	6.0
58	.5	6.0	4.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	3.0	2.1
59													5.1
60	TRACE	2.0	5.1	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	5.1	4.0
61	4.0	3.2	TRACE	.0	.0	.0	.0	.0	.0	.0	1.6	.9	6.3
62	6.3	3.2	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.8	1.7
63	1.1	1.0	.3	.0	.0	.0	.0	.0	.0	.0	TRACE	.8	5.8
64	5.8	5.6	2.5	1.0	.0	.0	.0	.0	.0	.0	TRACE	.0	9.1
65	4.5	2.1	4.1	1.1	.0	.0	.0	.0	.0	.0	.0	TRACE	11.0
66	6.8	4.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	9.1	5.4
67	2.0	11.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	5.4	8.2
68	.7	3.0	1.5	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.7	3.4
69	1.3	5.0	8.2	.0	.0	.0	.0	.0	.0	.0	.0	1.8	5.1
70	3.4	2.5	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.4
71	5.1	.7	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.5
72	.8	4.4	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE	6.2
73	.0	2.5	.2	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	2.8
74	TRACE	6.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.3
75	2.8	1.6	2.2	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.1	2.7
76	1.5	1.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.7	2.3
77	2.7	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.7

NOTE * (BASED ON LESS THAN FULL MONTHS)

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GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 72088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 46, 49-86

24 HOUR AMOUNTS IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
78	1.4	13.0	5.0	TRACE	.0	.0	.0	.0	.0	.0	2.0	TRACE	13.0
79	4.0	17.9	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	.2	17.9
80	6.8	1.4	4.5	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	6.8
81	.3	TRACE	.4	.0	.0	.0	.0	.0	.0	.0	TRACE	2.1	2.1
82	2.8	3.3	TRACE	2.0	.0	.0	.0	.0	.0	.0	.0	1.1	7.1
83	TRACE	8.4	TRACE	.3	.0	.0	.0	.0	.0	.0	TRACE	TRACE	8.4
84	1.7	.1	.7	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.7
85	3.5	TRACE	TRACE	1.1	.0	.0	.0	.0	.0	.0	.0	.0	4.0
86	1.6	2.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	4.0
MEAN	2.66	3.33	1.33	.25	.00	.00	.00	.00	.00	.00	.53	1.59	5.46
S.D.	2.146	3.891	2.159	.563	.000	.000	.000	.000	.000	.000	1.701	2.220	3.907
TOTAL OBS	1147	1045	1147	1110	1147	1110	1136	1157	1101	1116	1080	1116	13412

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 (FROM DAILY OBSERVATIONS)

MONTHLY SNOWFALL
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 72088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 46, 49-86

TOTAL MONTHLY SNOWFALL IN INCHES
 -M-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MONTHS
46	7.2	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	ALL
49													
50	5.8	.9	.4	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0	9.1
51	5.1	1.6	1.5	.0	.0	.0	.0	.0	.0	TRACE	1.2	TRACE	9.4
52	1.4	1.0	3.0	TRACE	.0	.0	.0	.0	.0	.0	7.0	TRACE	12.4
53	10.7	TRACE	.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.4	11.2
54	1.9	7.7	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.4	10.0
55	3.1	TRACE	9.7	2.2	.0	.0	.0	.0	.0	.0	TRACE	2.1	15.0
56	6.6	4.4	TRACE	1.1	.0	.0	.0	.0	.0	.0	TRACE	6.1	14.2
57	.5	15.0	7.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.6	28.7
58	3.1	TRACE	TRACE	.4	.0	.0	.0	.0	.0	.0	TRACE	6.8	4.1
59	TRACE	5.7	12.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.2	24.8
60	10.0	5.4	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	5.7	18.2
61	8.9	8.6	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.1	23.2
62	2.4	1.2	.3	.0	.0	.0	.0	.0	.0	.0	TRACE	.8	6.0
63	9.0	10.4	3.8	1.0	.0	.0	.0	.0	.0	.0	TRACE	.0	25.0
64	10.7	3.3	6.4	1.1	.0	.0	.0	.0	.0	.0	TRACE	11.2	21.5
65	21.5	7.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	9.1	40.3
66	2.6	32.9	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	5.5	53.6
67	2.0	4.5	1.7	.0	.0	.0	.0	.0	.0	.0	TRACE	1.3	13.7
68	2.3	5.3	20.2	.0	.0	.0	.0	.0	.0	.0	TRACE	4.1	29.1
69	8.5	2.8	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	15.4
70	6.0	.9	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	7.2
71	1.1	13.5	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	14.6
72	.0	3.8	.2	.0	.0	.0	.0	.0	.0	.0	TRACE	1.4	5.4
73	TRACE	8.8	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	8.8
74	2.8	2.0	2.4	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.2	7.4
75	2.2	1.1	.1	.0	.0	.0	.0	.0	.0	.0	TRACE	.7	7.6
76	8.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	8.7
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NOTE * (BASED ON LESS THAN FULL MONTHS)

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GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 46, 49-86

MONTHLY SNOWFALL
 (FROM DAILY OBSERVATIONS)

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
78	4.8	21.1	9.9	TRACE	.0	.0	.0	.0	.0	.0	2.0	TRACE	37.8
79	8.9	35.9	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	.2	45.0
80	8.4	2.0	5.9	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	16.3
81	1.0	TRACE	.8	.0	.0	.0	.0	.0	.0	.0	TRACE	2.7	4.3
82	10.3	7.9	TRACE	2.0	.0	.0	.0	.0	.0	.0	.0	7.1	27.3
83	TRACE	11.8	TRACE	.3	.0	.0	.0	.0	.0	.0	TRACE	TRACE	12.1
84	4.2	.1	1.2	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.5
85	10.2	TRACE	TRACE	1.1	.0	.0	.0	.0	.0	.0	.0	4.0	15.3
86	3.2	10.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	
MEAN	5.26	6.43	2.36	.25	.00	.00	.00	.00	.00	TRACE	.60	2.18	17.31
S.D.	4.508	8.214	4.936	.563	.000	.000	.000	.000	.000	.000	1.895	2.954	12.096
TOTAL OBS	1147	1045	1147	1110	1147	1110	1136	1157	1101	1116	1080	1116	13412

NOTE * (BASED ON LESS THAN FULL MONTHS)

3 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS
 PERCENTAGE FREQUENCY OF
 SNO. DEPTH
 (FROM DAILY OBSERVATIONS)

72403A STATION DOVER AFB DE STATION NAME 42-46, 49-86 YEARS

PRECIP SNOWFALL SNOW- DEPTH	NONE	TRACE	01	02-05	06-10	11-25	AMOUNTS (INCHES)								PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
							.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	MEAN			GREATEST	LEAST	
																			3 5-4 4
JAN	75.1	8.9	5.0	3.5	2.9	3.1	1.4	.2						16.0	1240				
FEB	75.1	7.4	5.0	3.4	1.2	3.5	2.1	1.2	.1					16.5	1130				
MAR	92.3	2.1	1.9	1.1	1.0	1.3	.4							5.6	1240				
APR	99.2	.7	.2											.2	1200				
MAY	100.0														1240				
JUN	100.0														1200				
JUL	100.0														1228				
AUG	100.0														1250				
SEP	100.0														1205				
OCT	100.0														1209				
NOV	99.1	.5	.2	.2	.1									.4	1159				
DEC	68.3	5.7	2.3	1.5	.4	.9	1.0							6.0	1239				
ANNUAL	94.2	2.1	1.2	.8	.5	.7	.4	.1	.0					3.7	14550				

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/NAIC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 42-46, 49-86

DAILY SNOW DEPTH IN INCHES
 -M-O-N-Y-R-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
42													2
43	TRACE	0	2	0	0	0	0	0	0	0	TRACE	0	5
44	3	TRACE	3	1	0	0	0	0	0	0	0	12	12
45	TRACE	2	0	0	0	0	0	0	0	0	*0		
46	6	5	0	0	0	0	0	*0	*0				
49													
50													
51	TRACE	1	TRACE	0	0	0	0	0	0	0	0	0	1
52	2	2	1	0	0	0	0	0	0	0	2	TRACE	2
53	1	TRACE	2	0	0	0	0	0	0	0	4	TRACE	4
54	7	0	0	0	0	0	0	0	0	0	0	TRACE	7
55	1	4	0	0	0	0	0	0	0	0	TRACE	0	4
56	2	0	4	TRACE	0	0	0	0	0	0	0	0	3
57	3	1	0	TRACE	0	0	0	0	0	0	0	2	7
58	5	7	3	0	0	0	0	0	0	0	0	3	7
59	2	TRACE	TRACE	0	0	0	0	0	0	0	0	1	2
60	0	2	8	0	0	0	0	0	0	0	0	5	8
61	9	8	0	0	0	0	0	0	0	0	1	1	9
62	4	3	1	0	0	0	0	0	0	0	0	1	4
63	1	1	0	0	0	0	0	0	0	0	0	1	9
64	9	6	3	1	0	0	0	0	0	0	0	1	9
65	5	2	3	0	0	0	0	0	0	0	0	0	5
66	18	19	0	0	0	0	0	0	0	0	0	10	19
67	2	11	0	0	0	0	0	0	0	0	0	8	11
68	3	1	3	0	0	0	*0	0	0	0	0	5	5
69	2	2	12	0	0	0	0	0	0	0	0	0	12
70	7	2	0	0	0	0	0	0	0	0	0	1	7
71	3	TRACE	TRACE	0	0	0	0	0	0	0	0	0	3
72	1	3	0	TRACE	0	0	0	0	0	0	0	0	3
73	0	2	TRACE	0	0	0	0	0	0	0	0	2	2

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/7AC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 42-46, 49-86

..... DAILY SNOW DEPTH IN INCHES ALL MONTHS

..... W-O-N-T-H-S MONTHS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
74	TRACE	6	0	0	0	0	0	0	0	0	0	0	6
75	3	TRACE	1	0	0	0	0	0	0	0	0	TRACE	3
76	2	1	1	0	0	0	0	0	0	0	1	1	2
77	3	0	0	0	0	0	0	0	0	0	0	0	3
78	1	16	6	0	0	0	0	0	0	0	2	0	16
79	3	26	TRACE	0	0	0	0	0	0	0	0	TRACE	26
80	6	3	8	0	0	0	0	0	0	0	0	TRACE	8
81	2	0	1	0	0	0	0	0	0	0	0	2	7
82	7	0	0	TRACE	0	0	0	0	0	0	0	0	7
83	0	13	0	TRACE	0	0	0	0	0	0	TRACE	0	13
84	3	TRACE	1	0	0	0	0	0	0	0	0	0	3
85	2	2	0	TRACE	0	0	0	0	0	0	0	0	4
86	2	5	0	0	0	0	0	0	0	0	0	0	4
MEAN	3.3	4.1	1.6	.1	.0	.0	.0	.0	.0	.0	.3	1.8	6.3
S.D.	3.440	5.724	2.697	.221	.000	.000	.000	.000	.000	.000	.795	2.928	5.293
TOTAL OBS	1240	1150	1240	1200	1240	1200	1228	1250	1205	1209	1169	1239	14550

NOTE * (BASED ON LESS THAN FULL MONTHS)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- *1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- *2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 55-86

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

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DECI	ALL MONTHS												
55	NW 45	NW 45	NW 54	NW 36	SW 36	ENE 43	NW 45	ENE 52	NNW 37	ENE 51	NW 48	NW 39	M 54												
56	NW 43	WSW 69	NW 44	NW 40	SW 36	S *38	S *46	NNW 27	NW 42	NW 28	SSW 38	NW 36	WSW 69												
57	NW 50	NW 32	NW 33	NW 40	NW 25	NW 42	NW 33	WSW 33	W 33	WSW 26	ENE 38	SSW 42	N 40												
58	NE 35	NW 38	NW 44	ESE 35	SW 50	M 40	M 35	ENE 26	N 29	NW 33	NW 34	W 39	SW 50												
59	NW 41	NW 42	SW 44	W 33	WSW 30	NW 34	WSW 28	NNE 34	E 29	SSW*26	S 37	WSW 36	SW 44												
60	S 41	E 45	NW 40	W 32	NW 26	NW 29	NNE 33	NW 32	NNW 56	NW 34	W 34	N 42	NW 56												
61	NW 37	SW 45	E 38	E 38	NW*30	M *37	SW *17	S *18	N *36	NNE*28	NW*38	M *37	SW 45												
62	SW 36	NW 29	ENE 50	W 34	SW 38	WSW 26	WSW 45	SW 28	W 28	W *31	ESE 48	NW 52	NW 52												
63	NW 43	NW 38	W *49	W *46	NW 34	ENE 40	NW 27	NW 30	SSW 32	NNW 36	E 40	NW 31	M *49												
64	NW *41	NW 41	SW 53	SW 41	W 29	W 42	NW 30	SW 27	W 28	NW 29	SW 36	WSW 42	SW 53												
65	NW 40	SW 46	E 40	NW 40	NW 33	SSW 32	NW 31	SW 31	SE 33	SE 45	NW 42	SSW 34	SW 46												
66	W 48	W 42	W 43	SW 30	NW 32	SW 46	N 26	SW 29	E 32	NW 33	SSW 34	N 40	W 48												
67	NW 40	W 46	NW 41	W 38	SW 40	SW 28	NW 32	N 29	N 34	SSE*30	NW 34	NW 32	W 46												
68	E 39	NW 43	NW 42	SW 41	E 40	ESE 29	36*	35	21	36	34	27	30	7*	46										
69	27	35	31	47	34*	36	5	48	21	35	17	26	30	30	19	23	30	24	32	33	30	38	30	43	
70	30	34	33	43	18	33	24	50	32	32	42	30	30	3*	23	32	34	33	27	33	27	30	31	31	38
71	29	50	19	44	24	74	3	40	20	37	23	26	30	31	3	40	15	22	23	34	33	51	31	46	
72	21	45	27	53	24	53	12	29	5	31	31	58	30	29	19	27	30	30	36	45	24	46	9	61	
73	34	38	23	48	21	52	29	39	29	38	32	38	33	31	21	21	34	31	9	35	29	44	7	39	
74	21	34	16	42	29	41	23	37	32	43	30	45	29	28	17	38	32	52	32	34	27	40	9	58	
75	27	47	23	35	31	39	28	51	30	33	35	42	32	52	8	29	29	42	32	31	30	35	4	34	
76	29	48	30	60	31	51	28	34	27	39	20*	29	36	31	35	42	6	30	29	37	30	34	30	7	60
77	29	47	27	40	30	47	23	33	36	49	20	25	1	45	32	34	32	45	27	39	32	37	29	41	
78	20	59	32	40	18	40	24	45	8	35	30	29	27	37	25	34	24	29	32	34	21	30	30	44	
79	33	40	31	39	25	38	31	46	21	36	32	35	36	36	29	36	21	42	29	40	17	40	31	36	
80	32	35	34	33	32	46	32	37	33	32	58	15	37	35	26	48	20	34	19	42	33	36	27	42	
81	22	36	25	47	32	39	20	37	16	26	33	40	24	37	27	30	32	24	32	24	31	32	31	36	
82	28	44	19	30	22	38	31	40	35	28	27	39	33	27	21	28	9	31	1	37	18	37	20	33	
83	32	30	5	39	32	37	28	32	31	35	18	24	27	62	33	40	5	28	12	28	29	35	22	46	
84	36	31	29	32	6	48	30	27	30	54	29	36	27	31	32	23	28	33	6	26	28	36	23	29	

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

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GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MRC

STATION NUMBER: 725088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 55-86

..... DAILY PEAK GUSTS IN KNOTS ALL MONTHS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	ALL MONTHS
85	31/ 39	29/ 37	28/ 46	20/ 37	1/ 29	32/ 35	29/ 38	30/ 48	30/ 60	29/ 31	10/ 46	30/ 42	30/ 60
86	31/ 33	32/ 29	21/ 48	13/ 28	26/ 32	26/ 30							
MEAN	40.7	41.9	44.5	37.1	35.2	36.9	34.9	32.3	34.4	34.9	38.9	40.5	52.7
S.D.	6.532	8.456	8.033	6.052	6.909	6.831	6.263	7.367	9.107	5.964	5.455	7.152	5.636
TOTAL OBS	988	902	984	952	979	913	928	972	909	930	905	952	11254

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

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: JAN HOURS(LST): 0000-0200

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			56
N	2.3	1.8	3.7	1.6	.2							9.6	7.3
NNE	.9	.6	.6	.4	.3							2.9	7.7
NE	.4	1.2	.1	.1								1.8	5.3
ENE	.1	.8	1.1	.3	.1							2.4	8.1
E	.3	.4	.5	.3	.1							1.7	7.8
ESE	.2	.3	.4									1.0	5.8
SE	.3	.8	.3									1.4	5.5
SSE	1.1	.6	.1									1.8	4.1
S	2.8	2.7	.8	.4	.1	.2						7.0	5.3
SSW	1.1	1.0	1.3	.6	.5	.2						4.7	8.6
SW	.8	1.1	1.1	.8	.1	.1						3.9	8.1
WSW	1.6	1.2	1.3	.2	.1	.1						4.5	5.8
W	1.4	4.3	4.0	2.0	.5	.5	.1					12.9	8.7
WNW	1.0	2.6	5.3	4.0	1.1	.3						14.2	10.2
NW	.8	2.7	4.5	3.0	.5	.2						11.7	9.2
NNW	.9	2.0	3.2	.5	.1							6.8	6.9

VARIABLE

CALM	11.7
TOTALS	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 729088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: JAN HOURS(LST): 0300-0500

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			56-62
N	2.4	3.5	2.3	1.9								10.1	6.7
NNE	.4	1.2	.9	.3	.1							2.9	7.2
NE	.4	1.0	.3	.1								1.8	5.6
ENE	.5	.8	.4	.4	.1							2.3	7.4
E	.5	.9	.5	.6	.2							2.8	8.3
ESE	.3	.6	.1	.1								1.2	5.6
SE	.1	.5	.3	.3								1.3	7.2
SSE	1.6	.9	.3									2.8	3.7
S	1.6	1.9	.9	.3	.1	.2						5.1	6.7
SSW	1.2	.8	1.1	.9	.2							4.3	8.8
SW	1.3	1.3	1.0	.3								3.9	5.7
WSW	1.5	2.6	1.0	.2								5.5	5.8
W	1.5	3.3	2.8	2.5	1.1	.2						11.4	9.0
WNW	1.1	2.0	5.6	5.3	1.3	.1						15.4	10.3
NW	.9	1.9	4.5	1.6	.4							9.4	8.4
NNW	1.1	2.0	4.2	1.2	.1							8.6	7.6

..... VARIABLE
 CALM // 11.4 //
 TOTALS 16.5 25.3 26.1 16.1 3.8 .4 .4 .4 100.0 7.0

.....
 TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: JAN HOURS(LST): 0600-0800

WIND SPEED IN KNOTS

1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 56-60 TOTAL MEAN WIND

1.6 3.1 2.6 1.0 8.3 6.6

NNE .3 1.5 1.3 .5 .1 3.8 7.5

NE .1 .8 1.4 .2 2.5 7.3

ENE .2 .2 .5 .4 1.4 8.3

E .5 .5 .5 .3 1.9 6.9

ESE .4 .6 .3 .3 1.7 6.2

SE .3 .9 .5 .2 1.9 6.4

SSE .4 1.0 .2 .1 1.7 4.9

S 1.1 1.3 1.3 .8 4.4 6.4

SSW 1.0 1.8 1.8 .3 .2 5.2 7.4

SW 1.2 1.4 .3 .4 .1 3.4 6.2

WSW 1.5 2.3 1.4 .3 .2 5.7 5.8

W 1.5 3.1 3.4 3.7 1.0 12.7 9.0

WNW .6 3.1 4.1 4.2 1.0 13.0 10.0

NW 1.3 2.3 4.0 2.3 .6 10.4 8.5

NNW 1.1 2.4 4.0 1.6 .1 9.1 7.6

VARIABLE

CALM 13.2 26.2 27.7 16.7 3.0 12.8 100.0 6.8

TOTALS

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 725088 STATION NAME: COVER AFB DE PERIOD OF RECORD: 77-86
 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			56-62	
N	1.1	3.4	3.9	2.2	.1							10.6	7.7	
NNE	.5	1.1	2.4	.4	.1							4.5	7.9	
NE	.4	1.1	2.0	.3								3.9	7.4	
ENE	.2	.8	.8	.2	.1							2.0	7.6	
E	.5	.5	.6	.2	.1							2.0	7.1	
ESE	.3	.3	.1	.1	.1							1.0	7.2	
SE	.8	1.0	1.0	.2								2.9	6.0	
SSE	.5	1.2	1.1									2.8	5.7	
S	.5	.8	.9	1.0								3.1	7.7	
SSW	.8	1.2	1.4	1.9								5.3	8.5	
SW	.3	1.4	.9	.9	.1	.2						4.0	10.4	
WSW	.3	.9	1.6	1.0	.1							3.9	8.5	
W	.6	1.9	5.1	4.4	1.6	.4						14.1	11.1	
WNW	.9	1.3	3.7	6.2	2.0	.1						18.2	11.6	
NW	.5	1.6	3.5	4.2	1.3	.5						11.7	11.3	
NNW	.4	1.3	3.3	3.8	.3	.2						9.4	10.5	
VARIABLE	////////////////////////////////////												4.6	11.1
CALM	////////////////////////////////////												100.0	9.1
TOTALS	8.8	19.7	32.2	27.0	5.9	1.6	.2							

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: JAN 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			56
N	.8	1.9	4.4	1.6	.3	.1						9.1	8.5
NNE	.2	.8	1.4	.4								2.8	7.7
NE	.4	.4	1.6	.3								2.8	7.0
ENE	.6	1.5	.6	.4								3.2	6.0
E	.8	1.4	1.0	.2								3.3	5.9
ESE	.3	1.7	.3	.2	.1							2.7	6.2
SE	.6	.6	.2	.2								1.7	5.3
SSE	.2	.8	.5									1.5	5.9
S	.4	.9	1.2	1.0	.1							3.5	8.3
SSW	.3	.5	.8	1.9	.1	.2						3.9	11.2
SW	.3	.6	1.3	1.3	.3	.1	.2					4.2	10.9
WSW	.8	1.1	1.5	1.7			.1					5.2	8.8
W	.6	2.2	3.4	4.9	1.8	.5	.1					13.7	11.7
WNW	.3	1.1	5.2	7.1	3.0	.5						17.2	12.7
NW	.8	.8	3.5	6.8	2.4	.1						13.5	12.9
NNW	.4	1.4	2.9	3.0	.4	.3						8.5	10.4
VARIABLE												
CALM	////////////////////												
TOTALS	7.2	17.6	29.9	31.2	8.6	1.9	.4					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 729088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: JAN HOURS(LST): 1500-1700

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	1.4	2.5	3.7	1.0	.1							8.6	6.9
NNE	.4	.3	1.3	.5								2.6	8.0
NE	.3	.3	.3	.1								1.1	5.3
ENE	.2	.5	1.1	.3	.1							2.3	8.1
E	1.8	2.8	.1	.4								5.2	4.9
ESE	1.4	1.0	.6	.1								3.1	4.8
SE	.5	1.3	.3	.1								2.3	5.6
SSE	.2	.1	.1									.4	5.5
S	.2	.5	.6	1.0	.2							2.6	9.5
SSW	.3	1.1	1.5	1.7	.1							4.7	9.3
SW	.4	.9	1.6	.5								3.4	7.3
WSW	.6	.9	2.4	.6	.5							5.1	8.7
W	1.1	3.5	4.3	4.1	1.0	.5						14.5	9.9
WNW	.3	1.7	5.1	6.2	2.8	.2						16.3	11.9
NW	.3	1.4	4.8	6.7	1.7	.1						15.1	11.9
NNW	1.0	1.8	1.5	2.0	.4							6.8	9.0
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	6.0	//////////
TOTALS	10.6	20.6	29.4	25.3	7.2	.9						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 728088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: JAN HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56-60
N	1.9	2.8	2.0	.8								7.5	6.0
NNE	1.2	1.2	.4	.9								3.7	6.4
NE	.2	.5	.6	.4								1.8	7.8
ENE	.5	1.0	.1									1.6	7.7
E	1.1	.9	.8	.5	.2	.1						3.5	7.7
ESE	.6	.6	.1									1.4	4.0
SE	1.0	.6	.4									2.0	4.1
SSE	1.4	.2	.2									1.8	3.5
S	3.2	1.6	.9	.9								6.6	4.8
SSW	1.0	1.3	1.6	.8	.1							4.7	7.2
SW	1.1	1.9	.4	.1	.1							3.7	5.1
WSW	2.6	2.2	.6	.3	.1							5.8	4.8
W	2.5	2.8	3.0	2.9	.3	.1	.1					11.7	8.1
WNW	.4	3.2	4.1	5.1	1.0	.2	.1					14.1	10.4
NW	.8	1.6	3.0	3.9	1.1							10.3	10.3
NNW	1.1	2.6	2.4	1.7	.2							8.0	7.9

VARIABLE
 CALM // 11.7 //
 TOTALS 20.0 24.6 21.6 18.3 3.1 .4 .2 100.0 6.6

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: JAN HOURS(LST): 2100-2300

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	2.3	3.4	2.3	1.4	.1							9.5	6.5
NNE	.5	.8	.3	.4	.4							2.5	8.7
NE		.3	.9	.3	.1							1.6	9.2
ENE	.3	.6	.9	.2								2.0	6.9
E	.6	.4	.4	.4	.1							2.0	7.2
ESE	.4	.5	.2									1.2	5.0
SE	.2	.6	.2									1.1	5.0
SSE	1.6	.3	.2	.1								2.3	3.8
S	3.1	1.7	.5	.5	.3	.1						6.3	5.8
SSW	1.2	1.7	1.3	1.0	.1							5.3	7.3
SW	1.9	1.5	1.0	.3								4.7	5.2
WSW	2.2	1.7	.8	.1	.3							5.1	5.7
W	1.9	3.4	3.2	2.0	.1	.4	.2					11.4	8.4
WNW	.8	1.9	4.8	5.4	1.0	.2	.1					14.2	10.7
NW	.3	2.6	3.0	4.0	.8	.2						10.9	10.3
NNW	.5	2.8	3.2	.8	.4							7.7	7.7

VARIABLE

CALM	18.0	24.5	23.2	16.9	3.5	1.3	.3					12.3	6.9
TOTALS													

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: JAN HOURS(SLST): 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	56		
N	1.7	2.8	3.1	1.4	.1	.0						9.2	7.1
NNE	.6	.9	1.1	.5	.1							3.2	7.6
NE	.3	.7	.9	.2	.0							2.2	7.0
ENE	.3	.7	.8	.3	.1							2.2	7.4
E	.8	1.0	.6	.4	.1	.0						2.8	6.7
ESE	.5	.7	.3	.1	.0	.0						1.7	5.5
SE	.5	.8	.4	.1	.0							1.8	5.6
SSE	.9	.6	.3	.0	.0							1.9	4.5
S	1.6	1.4	.9	.7	.1	.1	.0					4.8	6.4
SSW	.8	1.2	1.3	1.1	.1	.1	.1					4.8	8.4
SW	.9	1.3	.9	.6	.1	.1	.0	.0				3.9	7.4
WSW	1.4	1.6	1.3	.6	.2	.1	.0					5.1	6.6
W	1.4	3.1	3.7	3.3	.9	.3	.1					12.8	9.6
WNW	.7	2.1	4.7	5.4	1.6	.2	.0					14.8	11.0
NW	.6	1.9	3.9	4.0	1.1	.1						11.6	10.5
MNW	.8	2.0	3.1	1.8	.3	.1						8.1	8.5

VARIABLE
 CALM
 TOTALS 13.8 22.8 27.3 20.7 4.9 1.0 .2 .0
 9.2 100.0 7.8

TOTAL NUMBER OF OBSERVATIONS: 7440

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: FEB HOURS(LST): 0000-0200

DIRECTION (DEGREES) | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | 56-59 | TOTAL | MEAN WIND S |
 N | 2.4 | 5.1 | 3.8 | .6 | .5 | .5 | .5 | .5 | .5 | .5 | .5 | 12.3 | 6.4

NNE	.2	.8	.5	.7								2.2	7.9
NE	.5	.1	.6	.1								1.3	6.4
ENE	.2	.5	.9	.8								2.5	9.0
E	.8	.6	1.1	.5	.1							3.1	7.3
ESE	.7	1.9	.4	.2								3.2	5.4
SE	.4	.9	.2	.1								1.7	5.1
SSE	.9	1.2										2.1	3.6
S	2.1	2.6	1.1	.6	.2							6.6	5.8
SSW	.9	1.9	1.8	.1	.5							5.2	7.0
SW	1.1	1.1	.6	.1								2.8	5.0
WSW	1.2	1.4	.6									3.2	4.7
W	1.5	3.1	1.1	.9	.4							7.0	6.6
WNW	1.1	4.1	2.8	3.4	.2	.4						12.1	8.8
NW	.7	2.0	3.2	3.2	.4	.7						10.2	10.3
NNW	1.9	3.0	2.6	2.1	.5	.1						10.2	8.0

VARIABLE
 CALM
 TOTALS | 16.7 | 30.3 | 21.2 | 13.6 | 2.7 | 1.2 | 14.4 | 100.0 | 6.3

TOTAL NUMBER OF OBSERVATIONS: 846

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: FEB HOURS(LST): 0300-0500

WIND SPEED IN KNOTS
 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 56 GE 56 TOTAL MEAN
 (DEGREES) 3.7 3.5 3.0 2.2 .1 12.5 6.6

NNE	1.2	1.7	.8	.4							4.0	5.6
NE	.5	.5	.7	.5	.1						2.2	8.2
ENE	.8	.9	.6	.5							2.8	6.3
E	1.1	1.4	1.1	.5	.1						4.1	6.3
ESE	.4	1.2	.4	.1							2.0	5.6
SE	.4	.2	.1								.7	4.0
SSE	.5	1.3	.1		.1						2.0	5.4
S	1.9	1.7	1.3	.2	.2						5.3	5.6
SSW	.7	2.0	1.4	.8							5.0	6.8
SW	.8	1.1	.7	.2							2.8	5.7
WSW	1.7	2.4	.2								4.3	3.7
W	1.1	3.0	1.8	.6	.2	.1					6.7	7.1
WNW	1.2	3.5	2.8	3.2	.4						11.1	8.3
NW	.8	3.3	3.1	3.0	1.5	.2					11.9	10.0
NNW	1.4	2.5	3.9	2.5	.4						10.6	8.4

VARIABLE
 CALM
 TOTALS 18.0 30.1 22.0 14.7 3.1 .5 11.7 100.0 6.4

TOTAL NUMBER OF OBSERVATIONS: 846

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: FEB HOURS(LST): 0600-0800

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
	WIND SPEED IN KNOTS												
N	2.5	4.1	2.2	2.5	.5							11.8	7.3
NNE	.9	2.5	1.9	.5								5.8	6.0
NE	.2	.4	.9	.7	.2							2.5	9.7
ENE	1.1	1.2	.5	.4								3.1	5.7
E	.8	1.4	.7	.5	.1							3.5	6.7
ESE	.8	.9	.4									2.1	4.3
SE	.4	.4	.5									1.2	5.5
SSE	.4	.1	.1	.2								.7	10.5
S	1.8	1.4	1.3	.2	.2	.1						5.1	6.4
SSW	.9	1.4	1.9	.7								5.0	6.7
SW	1.4	.9	.9	.4			.1					3.8	6.1
WSW	1.4	1.4	.5	.2								3.5	5.0
W	1.4	2.1	2.0	1.5	.2							7.3	7.5
WNW	1.1	2.5	3.5	2.6	.4	.1						10.2	8.6
NW	1.5	2.0	3.9	3.0	.7							11.1	8.9
NNW	1.1	3.4	2.8	3.2	.1							10.6	8.2

VARIABLE
 CALM
 TOTALS 17.7 26.1 24.1 16.3 2.4 .6 .1 100.0 6.5
 12.6

TOTAL NUMBER OF OBSERVATIONS: 846

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: FEB HOURS (LST): 0900-1100

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	1.5	2.8	4.3	2.6	.7	.2						12.2	8.7
NNE	1.1	2.6	2.2	.9								6.9	6.9
NE	.4	1.1	1.4	.2	.5							3.5	8.1
ENE	.7	1.3	1.2	.7								3.9	7.2
E	.9	1.9	.8	.1	.4							4.1	6.8
ESE	.5	.8	1.2	.4								2.8	7.0
SE	.5	.7	.6									1.8	5.1
SSE	.4	.2	.2	.1								.9	5.6
S	.5	1.1	1.7	.7			.1					4.0	8.2
SSW	.1	1.1	1.8	1.3	.1							4.4	9.3
SW	.6	.4	1.8	1.3	.2							4.3	9.1
WSW	.7	.5	.9	.8	.1							3.1	8.0
W	.5	2.2	2.5	1.9	.8							7.9	9.7
WNW	.2	.9	2.7	4.5	.5	.1						9.0	11.2
NW	.2	1.3	3.3	6.0	2.7	.5						14.1	12.8
NNW	.7	.9	2.8	6.1	.8	.1						11.6	11.7

VARIABLE // 5.6 //
 CALM // 100.0 9.0
 TOTALS 9.5 19.9 29.4 27.8 6.5 1.3 .1

TOTAL NUMBER OF OBSERVATIONS: 846

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

STATION NUMBER: 724086 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: FEB HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56
N	1.1	3.4	3.3	3.0	.5							11.2	8.6
NNE	1.2	1.5	1.8	.6								5.1	6.4
NE	.5	.8	1.1	.4	.1							2.8	8.3
ENE	.4	1.1	1.5	.4	.2							3.5	7.8
E	1.2	1.8	1.8	.1								4.8	5.8
ESE	1.1	2.5	1.5	.7								5.8	6.3
SE	.4	.5	1.7	.1								2.6	7.9
SSE	.2	.4	.2	.4								1.2	7.8
S	.4	.7	.5	.6	.1							2.2	8.5
SSW	.4	1.1	1.3	1.7	.2							4.6	9.7
SW	.5	.7	3.2	.1								4.5	11.7
WSW	.1	.7	1.3	.5	.1							2.7	8.8
W	.2	1.4	2.4	3.7	.8	.1						8.6	11.1
WNW	.4	.8	2.5	7.4	2.1	.4						13.6	12.8
NW	.6	.6	2.4	6.5	2.4	.8	.1					13.4	13.3
NNW	.6	1.3	2.6	3.8	1.3	.2						9.8	11.6

VARIABLE
 CALM
 TOTALS
 8.5 19.0 26.5 32.5 8.3 1.7 .1
 3.4 100.0 9.8

TOTAL NUMBER OF OBSERVATIONS: 846

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: FEB HOURS(ILST): 1500-1700

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	1.2	4.7	4.1	1.4	.4							11.8	7.4
NNE	.5	1.3	.5	.6								2.8	6.3
NE	.5	.6	.4	.4	.1							1.9	7.9
ENE	.2	.7	1.1	.7								2.7	8.4
E	2.0	3.5	1.1	.2								6.9	5.1
ESE	.9	2.4	2.8	.5								6.6	6.7
SE	1.4	1.4	2.0	.5								5.3	6.0
SSE	.2	.6	.2	.1								1.2	5.6
S	.1	.7	.4	.6	.1							1.9	8.9
SSW	.5	1.8	2.1	.2								4.6	10.8
SW	.1	.4	2.7	.7	.1							4.0	9.3
WSW	.2	.7	2.1	.6								3.7	8.2
W	.6	1.7	4.1	2.0	.7	.2						9.3	9.7
WNW	.1	.5	4.0	6.7	1.9	.1	.1					13.5	12.6
NW	.5	.8	3.7	4.3	1.4	.1						10.8	11.5
NNW	.4	1.8	3.0	3.8	1.2	.2						10.3	11.4

VARIABLE
 CALM
 TOTALS 9.0 22.2 33.9 25.2 6.0 .8 .1 2.7 100.0 9.0

TOTAL NUMBER OF OBSERVATIONS: 846

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

STATION NUMBER: 725088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 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			56
N	2.6	3.0	2.6	.8	.1	.1	.1					9.3	7.0
NNE	.5	.6	.4	.1								1.5	5.4
NE	.5	.2	1.2	.6								2.5	8.1
ENE	.5	.7	.7	.9								2.8	8.2
E	.7	1.5	.9	.2	.1							3.5	6.4
ESE	1.9	2.4	.2									4.5	4.1
SE	1.5	3.2	.8									5.6	4.7
SSE	2.2	1.8	.5									4.5	3.8
S	1.3	2.2	.8	.5	.2							5.1	6.2
SSW	.5	2.0	1.4	.2								4.1	6.3
SW	1.3	1.5	1.2	.1	.1							4.3	5.9
WSW	1.3	1.4	.2									3.0	3.8
W	1.8	2.4	1.5	.9	.2	.1						7.0	7.0
WNW	.4	2.7	3.8	2.6	.8	.1	.1					10.5	9.9
NW	.5	2.6	3.2	2.8	.6	.1						9.8	9.6
NNW	1.1	3.1	5.2	1.8	.1							11.2	7.9

VARIABLE
 CALM 10.8
 TOTALS 18.4 31.3 24.7 11.7 2.4 .5 .2 100.0 6.3
 TOTAL NUMBER OF OBSERVATIONS: 846

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: FEB HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56
N	2.0	2.8	2.5	1.1	.1	.1	.1	.1	.1	.1	.1	8.6	7.1
NNE	.6	.5	.8	.6								2.5	7.1
NE	.5	.6	.4	.4								1.8	6.4
ENE	.7	.6	.7	1.2								3.2	7.7
E	1.2	1.3	.6	.6								3.7	6.1
ESE	.9	.9	.6	.6								2.5	4.8
SE	1.2	.9	.5									2.6	4.2
SSE	1.2	2.0	.2									3.4	4.1
S	2.8	3.2	1.4	.7								8.2	5.1
SSW	2.0	2.2	1.2	.1								5.6	5.0
SW	1.7	1.3	.5	.6	.1							4.1	5.9
MSW	.8	1.2	.1									2.1	4.2
W	.8	1.8	1.8	.4	.2	.1						5.1	7.3
WNW	1.3	2.5	3.0	3.8	.4	.5	.1					11.5	9.9
NW	1.1	2.8	2.4	3.9	.4	.4	.1					11.0	10.0
NNW	1.1	4.3	3.5	1.8	.1							10.8	7.6

VARIABLE
 CALM
 TOTALS

19.9 29.0 20.1 15.0 1.2 1.1 .4
 13.5
 100.0 6.2

TOTAL NUMBER OF OBSERVATIONS: 846

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

STATION NUMBER: 729088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: FEB HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56
N	2.1	3.7	3.2	1.8	.3	.1	.0					11.2	7.4
NNE	.8	1.4	1.1	.5								3.9	6.4
NE	.4	.5	.8	.4	.1	.0						2.3	8.1
ENE	.6	.9	.9	.7	.0							3.1	7.5
E	1.1	1.7	1.0	.3	.0	.1						4.2	6.2
ESE	.9	1.6	.9	.2								3.7	5.7
SE	.8	1.0	.8	.1								2.7	5.4
SSE	.8	.9	.2	.1	.0							2.0	4.8
S	1.4	1.7	1.0	.5	.1	.0	.0					4.8	6.3
SSW	.7	1.5	1.6	.9	.1							4.8	7.6
SW	.9	.9	1.1	.8	.1	.0						3.8	7.6
WSW	.9	1.2	.8	.3	.0							3.2	5.8
W	.0	2.2	2.1	1.5	.5	.1						7.4	8.4
WNW	.7	2.2	3.1	4.3	.8	.2	.0					11.4	10.4
NW	.7	1.9	3.1	4.1	1.3	.4	.0					11.5	11.0
NNW	1.0	2.5	3.3	3.1	.6	.1						10.6	9.5

VARIABLE
 CALM
 TOTALS
 TOTAL NUMBER OF OBSERVATIONS: 6768

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: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: MAR HOURS (LST): 0000-0200

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59	TOTAL	MEAN WIND
N	2.7	2.6	1.3	1.3	.2	.3						8.4	6.9
NNE	.6	.9	.3	.4	.1							2.4	6.8
NE	.1	1.6	1.2	.1								3.0	6.5
ENE	.3	.8	.3	.5	.1	.2						2.3	10.8
E	1.3	1.4	.5	.1	.2							3.5	5.2
ESE	.6	1.5	.9									3.0	5.1
SE	.5	.8	.4	.2								1.9	5.6
SSE	.9	1.4	.1									2.4	3.9
S	1.5	2.0	3.1	.6								7.3	6.5
SSW	1.1	2.2	3.1	1.4	.9	.4						9.0	9.1
SW	.2	2.2	2.0	.4	.2							5.1	7.6
WSW	.8	2.0	1.1	.1								4.0	5.6
W	.9	2.4	1.6	.8								5.6	6.4
MNW	.6	2.2	3.4	2.3	.6							9.1	9.1
NW	.3	2.8	2.5	4.1	.9	.3	.1					11.0	10.4
NNW	1.1	4.1	4.3	2.2	.1							11.7	7.5

VARIABLE
 CALM
 TOTALS 13.5 30.6 26.2 14.5 3.2 1.2 .3
 10.3 100.0 6.8

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: MAR HOURS(LST): 0300-0500

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	2.8	3.7	1.9	1.0	.4	.1						9.9	6.5
NNE	1.0	1.7	1.6	.3								4.6	6.2
NE	.4	1.0	1.1	.1	.1	.1						2.8	7.9
ENE	.1	1.0	.9	.8	.1	.1						2.9	9.7
E	.6	1.0	.8	.3	.3							3.0	7.2
ESE	1.1	.3	.8	.4								2.6	5.8
SE	.3	.8	.4	.2								1.7	6.8
SSE	.6	.9	.2									1.7	4.2
S	1.3	3.4	1.8	.9								7.4	6.2
SSW	.5	2.0	2.2	1.3	.6	.2						6.9	9.2
SW	1.5	1.9	1.8	.8	.1							6.1	6.6
WSW	.4	1.6	.5	.1								2.7	5.4
W	1.4	2.4	1.7	1.1	.1							6.7	6.9
WNW	1.0	2.3	2.8	2.5	.1	.3						8.9	9.0
NW	1.1	2.5	3.2	3.5	.3	.1						10.8	9.2
NNW	1.2	3.7	3.1	2.9	.3							11.2	6.2

VARIABLE
 CALM
 TOTALS
 15.4 30.0 24.8 16.0 2.6 .9 .2
 10.1 100.0 6.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: MAR HOURS(LST): 0600-0800

WIND SPEED IN KNOTS

1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 56 TOTAL MEAN WIND

1.4 3.3 1.9 1.9 .4 9.0 7.8

NNE 1.1 1.4 1.4 .6 4.5 6.6

NE 1.2 1.5 .1 .1 3.0 8.5

ENE .2 1.2 1.2 1.5 .3 .1 4.5 10.3

E .8 1.0 .4 .9 .4 .1 3.5 9.3

ESE .6 .5 .2 .2 .1 .1 1.6 6.0

SE .5 1.1 .8 .3 2.7 6.9

SSE 1.0 1.1 1.0 .2 .1 3.3 6.1

S 1.2 .9 1.8 .1 4.0 6.1

SSW 1.0 1.1 2.0 1.9 .5 .2 6.8 9.8

SW .2 1.9 1.8 1.4 .2 5.6 8.6

WSW 1.1 1.5 .5 .6 3.8 6.1

W 1.8 2.6 2.5 1.5 .2 .1 8.7 7.3

WNW .4 1.6 2.6 1.3 .4 6.3 8.8

NW .8 2.8 3.2 3.0 1.0 .5 .1 11.4 10.3

NNW 1.3 2.7 3.3 3.3 1.2 11.8 9.4

VARIABLE 9.4

CALM 100.0 7.6

TOTALS 13.3 25.8 26.2 18.9 4.9 1.1 .3

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724DB8 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: MAR HOURS(LST): 0900-1100

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-58	TOTAL %	MEAN WIND
N	.8	2.6	4.1	3.8	1.2	.1						12.5	10.1
NNE	.3	1.6	1.6	1.1	.1							4.7	8.3
NE	.9	.6	.9	.8	.1							3.2	7.9
ENE	.4	1.2	1.5	.9	.2	.1						4.3	8.7
E	.6	.6	1.8	1.3	.6	.1						5.2	10.0
ESE	.3	1.5	1.2	.1	.1							3.2	6.6
SE	.2	2.3	1.0	.4								3.9	6.7
SSE	.4	.5	1.0	.3								2.3	7.2
S	.3	.6	1.4	1.0	.1							3.4	8.8
SSW	.3	.5	1.9	1.0	.6	.2	.1					4.7	11.2
SW	.2	1.1	1.0	2.9	1.0	.2						6.4	11.7
WSW	.3	.9	1.8	1.6	.4							5.1	10.1
W	.4	1.8	2.7	1.1	.5							6.6	8.8
WNW	.2	1.1	2.4	3.6	1.5	.2	.1					9.0	12.1
NW	.2	1.3	2.5	5.5	1.7	1.4						12.6	13.6
NNW	1.4	3.7	4.6	1.4	.4							11.5	12.1
VARIABLE												
CALM	////////////////////												
TOTALS	6.0	19.7	30.4	29.8	9.7	2.8	.2					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS: 929

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 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			56
N	.4	2.2	3.7	2.8	.8	.1						9.9	9.8
NNE	.3	.5	.8	1.5	.2							3.3	9.7
NE		.4	.9	.3	.1							1.7	9.3
ENE	.2	.6	.6	.8	.6	.1						3.0	11.3
E	1.5	2.0	1.9	1.0								6.5	6.9
ESE	.6	1.7	2.7	.5								5.6	7.1
SE	.5	2.0	2.3	1.0								5.8	7.6
SSE		.8	.4	.3								1.5	7.4
S	.2	.4	.3	1.4	.8							3.1	12.7
SSW	.1	.9	1.7	1.3	.6	.3						4.9	11.6
SW	.1	.6	1.1	1.7	.5	.5						4.6	12.6
WSW	.5	.8	1.1	2.9	.8	.1						6.1	11.7
W	.8	1.7	1.8	3.7	.5	.3						8.8	10.6
WNW	.3	1.4	3.4	4.6	2.2	.4	.1					12.5	12.6
NW	.3	1.1	3.1	5.3	2.0	1.3	.1					13.2	13.5
NNW	.5	.4	2.8	3.2	1.3	.4						8.7	12.4

VARIABLE	PERCENTAGE FREQUENCY										TOTAL	MEAN	
CALM	////////////////////										6.6	10.8	
TOTALS	6.6	17.6	28.6	32.3	10.4	5.7	.2					100.0	10.8

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: MAR HOURS(LST): 1500-1700

WIND SPEED IN KNOTS TOTAL # MEAN WIND

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	.4	2.0	3.5	2.8	.6	.1						9.6	9.8
NNE	.1	1.0	1.5	.8								3.3	6.2
NE		.5	.8	.2								1.5	7.6
ENE	.5	.5	.4	.5	.4	.2						2.7	10.4
E	.1	1.7	1.1	.8	.2							3.9	8.4
ESE	.4	2.7	2.7	.5								6.3	7.1
SE	.8	2.9	4.2	1.3	.2							9.4	8.0
SSE	.3	.4	.8	.1								1.6	7.1
S	.1	.2	1.1	1.4	.3	.1						3.2	12.2
SSW	.4	.4	1.9	2.5	.6	.3						5.8	12.6
SW	1.0	1.6	1.9	.3	.1							4.9	10.9
MSW	.1	.4	2.3	1.0	.2							4.0	9.8
W	.3	1.2	3.4	4.4	.2	.1	.2					9.9	11.1
WNW	.4	.8	4.7	3.9	1.2	.3	.1					11.4	11.5
NW	1.0	3.1	5.6	2.6	.4	.2						12.9	13.4
NNW	.2	.4	2.9	3.0	1.5	.1	.1					8.3	12.5

VARIABLE

CALM

TOTALS 3.9 17.2 36.0 30.6 8.5 1.7 .8 100.0 10.5

TOTAL NUMBER OF OBSERVATIONS: 930

1.3

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: MAR HOURS(LST): 1800-2000

DIRECTION (DEGREES) 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 56 56 TOTAL MEAN WIND

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	56	TOTAL	MEAN WIND
N	1.3	2.4	2.9	2.0	.5								9.1	8.3
NNE	.6	1.1	.9	.5									3.1	7.0
NE	.1	.4	.2	.1	.1								1.0	8.0
ENE	.1	.5	.3	.5	.4								1.9	12.0
E	.8	1.3	1.0	.5	.1								3.7	7.1
ESE	1.8	1.9	1.1										4.8	4.7
SE	1.5	3.5	2.8	.6									8.5	6.1
SSE	2.0	3.4	1.0	.2									6.7	4.9
S	1.4	2.5	1.2	.9	.3								6.2	6.7
SSW	.5	2.0	2.8	1.1	.6								7.1	8.6
SW	.4	1.2	1.4	.5	.1								3.7	8.0
WSW	1.3	1.0	.6	.2									3.1	4.9
W	1.1	1.5	1.9	.6	.4	.3	.1						6.0	9.1
WNW	.5	2.0	3.1	2.3	.3	.5	.1						8.9	10.2
NW	.1	2.9	3.8	2.2	.2								9.1	9.1
NNW	1.3	2.8	4.1	3.4	1.1								12.7	9.4

VARIABLE

CALM

TOTALS 14.9 30.5 29.0 15.8 3.9 1.3 .2 4.3 100.0 7.6

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: MAR HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS						TOTAL %	MEAN WIND %					
	1-3	4-6	7-10	11-16	17-21	22-27			28-33	34-40	41-47	48-55	56
N	1.9	2.7	1.7	2.2	.4							8.9	7.6
NNE	.4	1.0	.9	.1								2.4	6.2
NE	.1	.2	.8	.3	.1							1.5	9.6
ENE	.9	.6	.2	.4		.2						2.4	7.9
E	.6	1.1	.4	.4	.1							2.7	6.5
ESE	1.7	2.2	.6	.1								4.6	4.5
SE	1.4	.8	.5									2.7	4.1
SSE	1.9	1.4	.4									3.8	3.7
S	3.3	4.3	3.4	.9	.2							12.2	6.1
SSW	1.3	1.5	3.3	1.5	.5							8.2	8.7
SW	1.1	1.9	1.2	.9								5.1	6.5
WSW	.5	.9	1.0	.3								2.7	6.5
W	.8	1.6	1.2	.9	.4							4.8	8.2
WNW	.3	2.6	2.9	1.0	1.0	.1	.1					8.0	9.5
NW	.4	3.3	3.0	2.9	.2	.4						10.3	9.5
NNW	.9	3.4	4.4	3.2	.3							12.3	8.6

VARIABLE
 CALM
 TOTALS

17.6 29.5 26.0 14.9 3.4 .5 .3 100.0 6.9

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: MAR HOURS(LST): ALL

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	1.5	2.7	2.6	2.2	.6	.1						9.7	8.4
NNE	.6	1.1	1.1	.7	.1							3.5	7.4
NE	.2	.8	.9	.3	.1	.0	.0					2.2	8.0
ENE	.3	.8	.7	.7	.2	.1	.1					3.0	10.0
E	.8	1.3	1.0	.7	.3	.0						4.0	7.7
ESE	.9	1.5	1.3	.2	.0							4.0	6.0
SE	.7	1.8	1.5	.5	.0							4.6	6.8
SSE	.9	1.2	.6	.1	.0							2.9	5.3
S	1.2	1.8	1.8	.9	.2	.0						5.9	7.3
SSW	.6	1.3	2.4	1.5	.6	.2	.0					6.7	9.9
SW	.5	1.5	1.5	1.3	.3	.1	.0					5.2	9.1
WSW	.6	1.1	1.1	.8	.2	.0						3.9	8.1
W	.9	1.9	2.1	1.7	.3	.1	.0					7.1	8.8
WNW	.5	1.7	3.2	2.7	.9	.2	.1					9.3	10.6
NW	.4	2.2	3.1	4.0	1.1	.6	.1					11.4	11.3
NNW	.8	2.4	3.6	3.2	.9	.1	.0					11.0	9.8

VARIABLE

CALM	////////////////////												5.6	7.7
TOTALS	11.4	25.1	28.4	21.6	5.8	1.6	.3					100.0	8.4	

TOTAL NUMBER OF OBSERVATIONS: 7439

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

STATION NUMBER: 724088		STATION NAME: DOVER AFB DE		PERIOD OF RECORD: 77-86		HOURS(LST): 0000-0200							
MONTH: APR		41-47		48-55		56-58							
DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-58	TOTAL %	MEAN WIND
N	1.8	3.7	1.9	1.3	.1							8.8	6.4
NNE	.7	1.6	.8	.3								3.3	6.0
NE	.3	.8	.8	.2								2.1	6.3
ENE	1.0	1.0	.4	.3								2.8	5.4
E	1.0	1.2	1.6	.8	.3							4.9	7.8
ESE	1.2	1.7	.6	.1								3.6	4.8
SE	1.3	2.0	.7	.1								4.1	5.0
SSE	1.2	.9	.3	.1								2.6	4.3
S	3.0	4.4	.8	.6	.1	.2						9.1	5.5
SSW	3.4	3.1	2.6	1.6	.1							10.8	6.2
SW	1.6	3.1	.4	.7	.2							6.0	5.9
WSW	1.7	2.3	.6	.2								4.8	4.6
W	.9	2.9	2.6	1.0	.1							7.4	7.4
WNW	.8	2.3	1.7	1.8	.1							6.7	8.0
NW	.8	2.1	1.6	1.1	.1	.2						5.9	7.9
NNW	.8	2.6	2.3	1.3								7.0	7.2

..... VARIABLE

CALC	21.4	35.7	19.4	11.4	1.3	.4						100.0	5.7	
TOTALS	////////////////////												30.2	77777

.....

TOTAL NUMBER OF OBSERVATIONS: 900

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

STATION NUMBER: 724008 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: APR HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL	K-MIN WIND		
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40			41-47	48-55
N	2.6	2.8	1.8	.6							7.7	5.4
NNE	.9	1.8	.7	.3							3.7	5.3
NE	.2	1.2	.9	.2	.1						2.7	6.9
ENE	.6	1.1	1.3	.8							3.8	7.6
E	1.3	1.6	1.6	.9	.4						5.8	7.6
ESE	1.0	.9	.4	.3							2.7	5.6
SE	1.0	.3	.6								1.9	4.1
SSE	.6	1.6	.7	.2							3.0	5.5
S	2.2	1.8	1.1	.2	.1						5.4	5.4
SSW	2.3	2.0	2.4	2.0	.2						9.0	7.2
SW	2.7	1.4	.9	.2	.1						5.3	4.9
WSW	1.7	3.0	.6	.4	.1						5.8	5.3
W	1.3	4.6	2.6	.3	.2						9.0	6.1
WNW	.6	2.9	1.9	1.1							6.4	7.0
NW	.4	2.2	2.3	.9	.3	.1					6.4	8.8
NNW	1.3	1.8	2.4	.7							6.2	6.6

VARIABLE
 CALM
 TOTALS
 20.7 30.9 22.1 9.0 1.7 .3 .1
 100.0 5.4
 15.2

TOTAL NUMBER OF OBSERVATIONS: 900

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: APR HOURS(IST): 0600-0800

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	1.8	2.2	2.9	1.3								6.2	7.0
NNE	1.3	1.1	1.6	.3	.1							4.4	6.2
NE	.6	1.0	1.2	.3								3.1	6.8
ENE	.1	1.1	1.4	.7	.1							3.4	8.8
E	.6	2.2	1.6	1.8	.1							6.2	8.3
ESE	.6	1.2	.3	.6								2.7	6.7
SE	.6	1.1	.7									2.3	5.2
SSE	1.0	1.7	.4									3.1	4.4
S	1.0	1.7	1.7	.3	.1							4.8	6.6
SSW	1.2	1.7	2.0	1.9	.1	.2						7.1	8.7
SW	1.1	2.0	1.6	1.1								5.8	7.4
WSW	1.0	2.7	1.4	1.2								6.3	6.6
W	1.3	2.7	2.9	1.3								8.2	7.0
WNW	.6	2.0	4.1	1.4	.1	.1						8.3	8.5
NW	.7	2.2	2.6	1.9	.4							7.8	8.9
NNW	1.3	1.4	3.3	1.7								7.8	7.7

VARIABLE
 CALM
 TOTALS 14.7 28.0 29.7 15.9 1.0 .4 10.5 100.0 8.7

TOTAL NUMBER OF OBSERVATIONS: 900

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: APR HOURS (LST): 0900-1100

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	1.3	2.9	3.4	3.0	.2							10.9	8.3
NNE	.4	.9	.8	.4	.1							2.7	7.5
NE	.2	1.1	1.0	.2	.1							2.7	7.2
ENE	.4	.9	2.1	.6	.1							4.1	8.1
E	.4	1.9	2.7	2.1	.1							7.2	8.9
ESE	.6	2.3	1.3	.7	.1							5.0	7.1
SE	1.3	1.6	2.1	.4								5.4	6.2
SSE	.8	.4	1.0	.1								2.3	6.1
S	.2	1.2	1.4	.4	.1							3.4	7.9
SSW	.3	.6	1.9	3.0	.9	.1						6.8	12.0
SW	.2	.7	1.0	1.7	.3	.2						4.1	11.4
WSW	.9	1.1	1.4	1.0								4.4	7.5
W	.3	2.8	3.9	3.4	1.0							11.4	9.8
WNW	.8	1.4	3.0	3.7	1.0							9.9	10.4
NW	.3	1.1	2.9	2.9	1.3	.3						8.9	11.7
NNW	.6	1.8	3.4	3.2	.4							9.4	9.9

VARIABLE
 CALM
 TOTALS

9.2 22.7 33.4 26.9 5.9 .7
 100.0 9.1
 1.2

TOTAL NUMBER OF OBSERVATIONS: 900

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

STATION NUMBER: 729088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: APR HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN & WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56-6E
N	.2	.9	2.4	2.0	.1							5.7	9.5
NNE	.3	.6	.9	.7	.1							2.6	8.8
NE	.1	.6	1.4	.1								2.2	7.5
ENE	.7	1.4	1.0	.3	.1							3.6	7.2
E	.4	2.4	1.8	1.2	.2							6.1	7.8
ESE	.8	3.3	3.8	1.3	.1							9.3	7.8
SE	.9	1.9	3.1	1.1								7.0	7.5
SSE	.2	.7	1.1	.4	.2							2.7	8.9
S	.7	.8	.9	.6								2.9	11.4
SSW	.2	.3	1.4	2.3	1.4							5.8	13.0
SW	.3	.4	.9	3.2	.8	.3						6.0	12.9
WSW	.1	.7	1.1	1.2	.3	.2						3.7	11.4
W	.9	1.8	4.0	4.2	.3							11.2	9.5
WNW	.4	1.9	3.4	5.4	.3	.7						12.2	11.1
NW	.4	1.1	3.2	3.3	1.1	.1						9.3	11.3
NNW	.3	1.2	2.4	3.6	.8	.1						8.4	10.9
VARIABLE												
CALM	////////////////////												
TOTALS	6.4	19.9	32.9	31.4	6.6	1.4						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAF/ETC FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: APR HOURS(LST): 1500-1700

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	.3	1.0	2.6	1.3	.1	.1						5.4	9.3
NNE	.6	.7	.7	.1								2.0	5.8
NE	.3	.4	1.1	.1	.1							2.1	7.3
ENE	.2	.6	.7	.4	.1							2.0	9.1
E	.4	2.1	1.4	1.2								5.2	7.7
ESE	.9	3.9	3.3	1.2								9.3	6.7
SE	.8	4.0	5.9	1.0	.1							11.8	7.5
SSE	.2	.8	1.0	.6								2.6	7.6
S	.3	.2	.7	1.0	.4							2.7	11.3
SSW	.2	.6	1.6	3.3	1.0							6.7	12.2
SW	.3	.8	2.4	.2	.2							4.0	12.9
WSW	.3	1.3	1.7	1.3	.1	.2						5.0	9.3
W	.3	1.6	3.8	2.4	.6	.1						8.8	9.8
WNW	.1	1.4	5.4	4.7	.6	.3						12.6	11.1
NW	.1	1.7	2.6	4.8	.9	.2						10.2	11.5
NNW	.2	.9	1.9	4.3	.9							8.2	11.6

VARIABLE
 CALM
 TOTALS

1.4
 100.0
 9.6
 5.4 21.4 35.0 30.3 5.1 1.2
 TOTAL NUMBER OF OBSERVATIONS: 900

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: APR HOURS(LST): 1800-2000

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	1.1	1.8	2.2	.9	.1							6.1	7.1
NNE	.6	.4	.7									1.7	5.7
NE	.6	.6	.2	.8								2.1	7.8
ENE	.3	.3	.8	.1								1.6	6.8
E	1.2	2.0	1.0	.9	.2							5.3	6.8
ESE	1.2	2.2	.8	.8								5.0	5.8
SE	2.1	6.2	3.0	.2								11.6	5.4
SSE	1.6	3.4	1.6	.3								6.9	5.5
S	2.0	2.7	2.0	1.6								8.2	6.7
SSW	.4	1.3	2.2	1.4	.2							5.7	8.6
SW	1.1	1.9	.9	1.1								5.0	6.8
WSW	.6	1.1	.9	.3								2.9	6.5
W	1.4	3.4	1.9	1.6	.1							8.4	7.1
MNW	.7	3.0	3.2	2.2	.4	.1						9.7	8.7
NW	1.2	1.7	1.6	1.7	.8							6.9	8.8
MNW	.9	2.6	3.0	1.3	.2	.1						8.1	8.0

VARIABLE

CALM	17.0	34.7	25.9	15.1	2.2	.2						100.0	6.7
TOTALS													4.9

TOTAL NUMBER OF OBSERVATIONS: 900

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: APR HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND				
	1-3	4-6	7-10	11-16	17-21	22-27	28-33			34-40	41-47	48-55	56
N	1.0	2.2	2.1	.8								6.1	6.8
NNE	.6	.8	.1	.2								1.7	5.1
NE	.4	.2	.3	.6								1.6	7.9
ENE	.4	.7	1.0	.3								2.4	7.2
E	1.8	1.8	.9	.9	.1							5.4	6.2
ESE	1.9	1.9	.7	.3	.1							4.9	5.4
SE	1.4	2.6	1.1	.1								5.2	5.0
SSE	1.8	2.2	.8	.2								5.0	4.8
S	4.3	4.4	1.7	1.3	.4							12.2	5.8
SSW	2.0	3.0	2.6	1.2								8.8	6.5
SW	1.6	2.0	.8	.6								4.9	5.6
WSW	1.3	2.1	.9	.3	.1							4.8	5.6
W	.4	3.7	2.1	.7	.2							7.4	6.8
WNW	1.4	2.1	1.7	1.6	.3	.1						7.2	8.0
NW	.6	1.7	1.9	1.9	.2							6.2	9.0
MNW	.9	2.6	3.0	.8	.1							7.3	7.2

VARIABLE
 CALM
 TOTALS

22.2 33.9 21.6 11.8 1.7 .1
 100.0 5.9
 6.8 7.7777

TOTAL NUMBER OF OBSERVATIONS: 900

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: APR HOURS(LST): ALL

WIND SPEED IN KNOTS

DIRECTION (DEGREES) 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 56 TOTAL MEAN WIND %

N 1.3 2.2 2.4 1.4 1.4 .1 .0 7.4 7.4

NNE .7 1.0 .8 .3 .0 2.7 6.3

NE .3 .7 .9 .3 .0 2.3 7.2

ENE .5 .9 1.1 .4 .1 3.0 7.6

E .9 1.9 1.6 1.2 .2 5.8 7.7

ESE 1.0 2.2 1.4 .7 .1 5.3 6.5

SE 1.2 2.5 2.1 .4 .0 6.2 6.2

SSE .9 1.5 .9 .2 .0 3.5 5.7

S 1.6 2.1 1.3 .8 .2 .1 6.1 6.7

SSW 1.3 1.6 2.1 2.1 .5 .0 7.6 8.9

SW 1.1 1.5 .9 1.4 .2 .1 5.1 8.3

WSW .9 1.8 1.1 .8 .1 .1 4.7 7.0

W .9 2.9 3.0 1.9 .3 .0 9.0 8.1

WNW .7 2.1 3.1 2.7 .4 .2 9.1 9.4

NW .6 1.7 2.3 2.3 .7 .1 .0 7.7 10.0

NNW .8 1.8 2.7 2.1 .3 .0 7.8 8.8

VARIABLE

CALN /// 6.7 ///

TOTALS 14.6 28.4 27.5 19.0 3.2 .6 .0 100.0 7.4

TOTAL NUMBER OF OBSERVATIONS: 7200

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: MAY HOURS(LST): 0000-0200

WIND SPEED IN KNOTS TOTAL MEAN WIND %

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND %
N	2.2	1.7	1.9	.8								6.6	5.9
NNE	.8	.9	1.2	.2								3.0	6.1
NE	.8	1.2	.3									2.3	4.9
ENE	.4	1.5	.9	.5	.1							3.4	7.5
E	.8	1.2	.9	.5								3.3	6.7
ESE	1.3	1.0										2.3	3.4
SE	2.4	2.2										4.5	3.3
SSE	1.0	.5	.5									2.0	4.8
S	4.4	4.6	1.7	1.2								11.9	5.3
SSW	2.3	3.3	3.9	1.4								10.9	6.5
SW	3.5	4.6	2.4	.4								11.0	5.0
WSW	1.7	3.0	1.1	.1								5.9	4.9
W	1.4	3.9	1.3	.1								6.7	5.0
WNW	.9	1.6	.1	.1								2.7	4.4
NW	.5	2.5	1.7	.6								5.4	6.7
NNW	1.0	1.4	1.0	.1								3.4	5.4

VARIABLE
 CALM // 14.7 //
 TOTALS 25.2 35.1 18.8 6.1 .1 100.0 4.7

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: MAY HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND KNOTS				
	1-3	4-6	7-10	11-16	17-21	22-27	28-33			34-40	41-47	48-55	56
N	3.9	2.6	1.2	.6								8.3	4.7
NNE	1.0	1.1	1.0	.2								3.2	5.3
NE	.4	1.7	1.6	.3								4.1	6.9
ENE	.6	.9	.6	.2								2.4	5.7
E	.6	1.2	.8	.1								2.7	5.6
ESE	.5	.2										.8	3.0
SE	.6	1.9	.3									2.9	4.3
SSE	.6	.5	.1	.1								1.4	4.5
S	3.0	2.9	1.6	.6								8.2	5.2
SSW	4.0	3.3	3.2	1.3								11.8	5.8
SW	1.5	1.9	1.8	.2								5.5	6.1
WSW	3.0	2.8	.5	.1								6.5	3.9
W	3.0	2.8	1.4	.1								7.3	4.5
NNW	1.3	1.7	.9	.2								4.1	5.2
NW	.6	2.8	1.7	.6								5.8	6.5
NNW	1.6	2.4	1.1	.2								5.3	4.9

VARIABLE

CALM 19.9

TOTALS 26.5 30.8 17.8 5.1 100.0 4.2

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 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	56
N	2.0	3.7	2.5	1.3								9.5	6.4
NNE	.6	1.8	1.9	.5	.1							5.1	7.1
NE	.4	1.4	1.5	.4								3.8	7.0
ENE	.6	1.6	1.1	.3								3.7	6.5
E	.4	1.5	1.1	.1								3.1	6.3
ESE	.8	.8	.3									1.8	4.2
SE	.8	1.3	.8	.1								2.9	5.3
SSE	1.2	.9	.5									2.6	4.4
S	1.4	2.7	2.0	.6								7.2	5.9
SSW	1.6	2.3	2.7	2.6								9.1	7.8
SW	1.6	2.0	2.3	1.1	.1							7.1	6.8
WSW	1.0	2.5	1.2	.1								4.7	5.5
W	1.7	4.5	2.4	.1								8.7	5.3
WNW	1.0	2.0	1.8	.6	.1							5.6	6.8
NW	1.0	2.2	1.9	1.5	.1							6.7	7.8
NNW	1.1	2.9	2.4	1.0	.1							7.4	6.8

VARIABLE
 CALM
 TOTALS
 17.6 34.0 26.3 10.4 .5
 11.1
 100.0 5.7

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: MAY HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS						TOTAL %	MEAN WIND										
	1-3	4-6	7-10	11-16	17-21	22-27			28-33	34-40	41-47	48-55	56-56					
N	.6	3.3	4.9	2.0	.3		11.3	8.4										
NNE	.4	1.1	1.5	.3								3.3	7.0					
NE	.6	.9	1.1	.2								2.8	6.1					
ENE	.8	1.4	2.4	.5								5.1	7.3					
E	1.8	4.4	1.4	.4								8.1	5.5					
ESE	1.4	2.4	1.3	.2								5.3	5.5					
SE	.8	1.8	1.6	.2								4.4	6.1					
SSE	.6	.6	.8									2.0	5.2					
S	.8	1.3	1.4	1.2								4.6	7.5					
SSW	.4	1.0	2.2	3.2	.6	.1						7.5	10.8					
SW	.8	1.7	2.9	2.4	.2							8.0	8.8					
WSW	.4	1.8	2.2	.4								4.8	6.8					
W	.8	2.8	4.0	1.3								8.8	7.5					
WNW	.9	1.3	3.0	1.5	.2	.1						7.0	8.5					
NW	.5	2.0	2.5	1.1	.4	.4						7.0	9.4					
NNW	.6	2.7	2.2	1.4	.2							7.1	7.9					

VARIABLE

CALM	12.3	30.5	35.2	16.5	2.0	.6	100.0	7.5
TOTALS								2.9

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: MAY HOURS(LST): 1200-1400

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	.9	2.3	3.7	1.3	.3							8.4	8.0
NNE	.2	.2	1.3	.2								1.9	7.9
NE	.2	1.6	.8	.2								2.8	6.2
ENE	.5	1.1	.6	.1								2.4	6.0
E	1.0	3.5	2.9	.8								8.2	6.7
ESE	1.4	3.8	5.8	.6	.1							11.7	6.9
SE	.9	1.9	5.1	.8								8.6	7.6
SSE	.3	.6	.6	.3								1.9	7.3
S	.5	.4	.6	1.1	.1	.1						2.9	9.2
SSW	.4	.5	2.5	3.0	1.1	.1						7.6	11.7
SW	.3	1.5	2.3	2.7	.1							6.9	9.4
WSW	.3	1.5	2.9	1.2	.1							6.0	8.3
W	.6	2.6	3.3	2.3	.1							8.9	8.2
WNW	.2	1.5	3.0	2.5	.2							7.4	9.5
NW		1.7	2.6	2.0	.5	.1						7.0	10.1
NNW	.3	1.5	2.7	1.1	.1	.2						5.9	9.1

VARIABLE

CALM	////////////////////													1.4	////
TOTALS	8.2	26.3	40.6	20.1	2.7	.5	.1					100.0	8.3		

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: MAY HOURS(IST): 1500-1700

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-58	TOTAL	MEAN WIND
N	1.0	1.1	2.5	1.1	.1							5.7	7.8
NNE	.4	.6	.9	.2	.1							2.3	7.6
NE	.3	.6	.6	.2								1.8	6.4
ENE		.9	.6	.2	.1							1.8	7.5
E	1.3	1.2	1.5	.6								4.6	6.5
ESE	1.5	5.6	4.1	1.1								12.3	6.6
SE	1.2	5.1	6.8	.9								13.9	6.8
SSE	1.0	.9	1.3	.8								3.9	7.0
S	.3	.2	.5	1.1	.3							2.5	10.8
SSW	.4	2.3	3.1	.5								6.3	12.1
SW	.4	1.1	3.3	2.4								7.2	9.1
WSW	.5	2.2	2.6	2.2	.1							7.5	8.3
W	.5	2.8	3.8	1.0								8.1	7.6
WNW	.3	2.4	2.3	1.8								6.8	8.3
NW	.5	1.6	2.2	2.3	.3							6.9	9.4
NNW	.2	1.7	2.8	1.7	.2	.1	.1					6.9	9.6

VARIABLE
 CALM
 TOTALS
 9.6 28.3 38.0 20.5 1.8 .1 .1
 100.0 8.0

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: MAY HOURS(LST): 1800-2000

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
												%	
N	1.0	2.2	1.7	.8								5.6	6.6
NNE	.6	.5	.1									1.3	3.8
NE	.5	.4	.9									1.8	5.8
ENE	.6	.4	.6	.1								1.8	9.5
E	.5	1.2	1.8	.4								4.0	7.0
ESE	2.6	3.2	2.5	.6								8.9	5.6
SE	3.7	5.6	2.4	.4								12.0	5.0
SSE	2.6	4.6	1.0									8.2	4.5
S	2.6	3.1	3.7	1.5	.1							11.0	6.7
SSW	.6	3.9	3.3	1.8								9.7	7.4
SW	1.0	2.4	2.2	.2								5.7	6.0
WSW	1.8	2.8	.8	.3								5.7	5.1
W	1.5	2.3	1.0	.2								4.9	5.2
WNW	.6	2.7	1.5	.4								5.3	6.3
NW	1.0	1.6	1.3	.6		.1						4.6	7.1
NNW	.8	1.2	1.3	.4	.2	.1						4.0	7.7

VARIABLE
 CALM // 5.5 //
 TOTALS 21.4 38.3 25.7 8.5 .3 .2 .1 100.0 5.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/7MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: MAY HOURS(LST): 2100-2300

DIRECTION (DEGREES) WIND SPEED IN KNOTS TOTAL MEAN WIND %

	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND %
N	.8	1.2	1.3	.4	.1	.1	.1	.1	.1	.1	.1	3.8	7.3
NNE	.4	.6	.3	.1	.1	.1	.1	.1	.1	.1	.1	1.5	4.9
NE	.3	.8	.4	.1	.1	.1	.1	.1	.1	.1	.1	1.5	5.4
ENE	.9	.6	.4	1.1	.1	.1	.1	.1	.1	.1	.1	3.1	7.9
E	1.0	1.5	1.5	.6	.1	.1	.1	.1	.1	.1	.1	4.8	7.1
ESE	1.3	1.5	.5	.1	.1	.1	.1	.1	.1	.1	.1	3.3	4.5
SE	2.9	2.3	1.0	.2	.1	.1	.1	.1	.1	.1	.1	6.3	4.4
SSE	3.0	2.7	.5	.1	.1	.1	.1	.1	.1	.1	.1	6.3	4.1
S	4.9	6.3	4.7	1.2	.1	.1	.1	.1	.1	.1	.1	17.2	5.6
SSW	2.4	6.1	2.9	.4	.1	.1	.1	.1	.1	.1	.1	11.8	5.6
SW	2.2	3.3	2.4	.1	.1	.1	.1	.1	.1	.1	.1	7.8	5.2
WSW	1.7	2.0	.9	.1	.1	.1	.1	.1	.1	.1	.1	4.7	4.5
W	1.7	2.2	.5	.4	.1	.1	.1	.1	.1	.1	.1	4.8	5.1
WNW	.9	1.9	.9	.1	.1	.1	.1	.1	.1	.1	.1	3.7	5.2
NW	.8	.9	.3	.5	.1	.1	.1	.1	.1	.1	.1	2.6	6.6
NNW	.6	1.3	1.2	.6	.1	.1	.1	.1	.1	.1	.1	3.8	7.1

VARIABLE
 CALM
 TOTALS

25.7 35.3 19.8 5.9 .3 .1 .1 .1 .1 .1 .1 .1 100.0 4.8

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: MAY HOURS(LST): ALL

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	1.5	2.2	2.5	1.0	.1	.0	.0	.0	.0	.0	.0	7.4	6.9
NNE	.6	.9	1.0	.2	.0	.0	.0	.0	.0	.0	.0	7.4	6.9
NE	.5	1.1	.9	.2	.0	.0	.0	.0	.0	.0	.0	2.7	6.5
ENE	.5	1.1	.9	.5	.0	.0	.0	.0	.0	.0	.0	2.6	6.2
E	.9	2.0	1.5	.5	.0	.0	.0	.0	.0	.0	.0	3.0	7.2
ESE	1.3	2.3	1.8	.3	.0	.0	.0	.0	.0	.0	.0	4.9	6.4
SE	1.6	2.8	2.2	.3	.0	.0	.0	.0	.0	.0	.0	5.8	5.9
SSE	1.3	1.4	.7	.2	.0	.0	.0	.0	.0	.0	.0	6.9	5.7
S	2.3	2.7	2.0	1.1	.1	.0	.0	.0	.0	.0	.0	3.5	5.0
SSW	1.5	2.6	2.9	2.1	.3	.0	.0	.0	.0	.0	.0	8.2	6.2
SV	1.4	2.3	2.4	1.2	.1	.0	.0	.0	.0	.0	.0	9.4	8.0
MSW	1.3	2.3	1.5	.6	.0	.0	.0	.0	.0	.0	.0	7.4	6.9
W	1.4	3.0	2.2	.7	.0	.0	.0	.0	.0	.0	.0	5.7	6.0
MNW	.8	1.9	1.7	.9	.1	.0	.0	.0	.0	.0	.0	7.3	6.2
NW	.6	1.9	1.8	1.2	.2	.1	.0	.0	.0	.0	.0	5.3	7.3
MNW	.8	1.9	1.8	.8	.1	.1	.0	.0	.0	.0	.0	5.7	6.2
WIND												5.5	7.5

VARIABLE
 CALM
 TOTALS 18.3 32.3 27.8 11.6 1.0 .2 .1
 8.7 100.0 6.1
 TOTAL NUMBER OF OBSERVATIONS: 7440

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: JUN HOURS(LST): 0000-0200

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	2.8	3.0	1.4	.2								7.4	4.7
NNE	1.3	1.0	.1	.1								2.6	4.1
NE	.1	.7	.1									.9	4.8
ENE		.1	.4									.6	8.8
E	.8	.1										.9	2.6
ESE	.4	.4	.4	.1								1.4	5.4
SE	1.0	.9	.1									2.0	3.7
SSE	3.1	1.0										4.1	2.7
S	6.8	4.0	2.3	.9	.1							14.1	4.7
SSW	4.8	6.2	2.3	1.4								14.8	5.2
SW	3.1	3.8	1.4	.4								8.8	5.0
WSW	3.9	1.4	.9	.2								6.4	3.9
W	2.0	2.1	.7	.2								5.0	4.6
WNW	1.8	1.4	.6	.1								3.9	4.1
NW	1.0	2.0	.8	.3								4.1	5.6
NNW	1.3	1.7	.9	.1								4.0	5.1

VARIABLE
 CALM
 TOTALS

34.2 25.9 12.6 4.2 .1
 19.0
 100.0 3.8

TOTAL NUMBER OF OBSERVATIONS: 900

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: JUN HOURS(LST): 0300-0500

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		
N	3.7	3.1	1.6								8.3	4.2
NNE	1.6	1.0	.3								2.9	3.7
NE	.7	.8	.9								2.3	5.2
ENE	.2	.4	.1								.8	4.9
E	.2	.3	.4								1.0	6.3
ESE	.7	1.0	.3								2.0	4.6
SE	1.2	.6									1.8	2.8
SSE	1.3	.9									2.2	3.1
S	4.9	3.8	1.7	.1							10.4	4.0
SSW	3.2	4.1	2.8	1.6							11.7	5.9
SW	4.3	4.0	1.0	.6							9.9	4.4
WSW	3.1	2.4	.3								5.9	3.5
W	2.8	2.3	.3	.1							5.6	3.8
WNW	2.0	1.6	.8	.2							4.6	4.8
NW	.6	1.7	1.2	.2							3.7	6.1
NNW	1.6	1.8	1.3								4.7	4.3

VARIABLE
 CALM
 TOTALS
 32.0 29.8 13.1 2.8
 100.0 3.5
 22.3

TOTAL NUMBER OF OBSERVATIONS: 900

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

STATION NUMBER: 724086 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: JUN HOURS (LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN MPH										TOTAL %	MEAN WIND %	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56
N	1.9	2.9	3.2	.3	.1							6.4	6.1
NNE	1.4	1.2	.8									3.4	4.5
NE	1.0	1.4	1.1	.1								3.7	5.4
ENE	.3	.8	1.1	.2								2.4	7.1
E	.2	1.3	1.1	.1								2.8	6.6
ESE	.9	.6	.6									2.0	4.3
SE	1.2	.7	.1									2.0	3.2
SSE	1.0	1.2	.6									2.8	4.5
S	2.4	3.8	1.1	.1								7.4	4.7
SSW	2.3	2.4	3.4	1.4								9.7	6.7
SW	2.3	3.2	2.8	1.3								9.7	6.4
WSW	2.0	3.0	2.3	.7								8.0	5.9
W	2.2	2.8	1.7	.2								6.9	5.1
WNW	1.0	2.8	1.7	1.0								6.4	6.7
NW	1.7	2.4	2.7	.9								7.7	6.4
NNW	1.6	2.4	2.3									6.3	5.5

VARIABLE

CALM	23.6	33.0	26.6	6.4	.1							100.0	5.2
TOTALS													

TOTAL NUMBER OF OBSERVATIONS: 900

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: JUN HOURS(LST): 0900-1100

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.0	2.9	3.2	1.2								8.4	7.4
NNE	1.0	.9	1.3	.1								3.3	5.8
NE	1.1	1.6	.6									3.2	4.8
ENE	.9	2.3	.7	.2								4.1	5.2
E	2.0	3.6	2.7	.2								8.4	5.4
ESE	.9	2.2	1.2									4.3	5.4
SE	.7	2.4	.7									3.8	5.1
SSE	.4	.7	.3									1.4	4.5
S	.4	1.7	1.4	.1	.1							3.8	6.7
SSW	.8	2.4	1.7	.6	.1							5.6	6.6
SW	1.4	2.9	2.3	1.9	.1							8.7	7.5
WSW	1.9	3.1	3.4	1.3	.1							9.9	7.1
W	2.1	3.4	4.1	.8	.1							10.6	6.8
WNW	.9	1.3	2.7	1.1	.3							6.3	8.4
NW	.8	2.6	3.1	1.1	.2							7.8	7.6
NNW	.8	2.1	3.4	1.8								8.1	7.8

VARIABLE
 CALM
 TOTALS
 TOTAL NUMBER OF OBSERVATIONS: 900

17.1 36.1 32.9 10.4 1.0 .2 100.0 6.6
 2.2

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

STATION NUMBER: 724088		STATION NAME: DOVER AFB DE		PERIOD OF RECORD: 77-86		MONTH: JUN		HOURS (LST): 1200-1400					
DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-58	TOTAL	MEAN WIND
N	.8	1.3	1.7	1.1	.1							5.0	8.0
NNE	.1	.8	.7									1.6	6.0
NE	.6	1.1	.4									2.1	5.3
ENE	.4	1.8	.4	.1								2.8	5.3
E	1.7	5.4	3.0	.1								10.2	5.6
ESE	1.0	6.0	3.0	.8								10.8	6.1
SE	.6	3.7	4.9	.7								9.0	6.9
SSE	.2	.7	.4	.3								1.7	7.2
S	.7	.9	1.1	.2								2.9	6.5
SSW	.3	1.4	2.1	1.0								4.9	8.1
SW	.8	1.4	2.2	2.1	.1							6.7	8.8
WSW	.6	1.4	2.9	1.2	.1							6.2	8.2
W	1.7	1.9	4.9	2.0	.3							10.8	8.4
WNW	1.2	2.7	5.2	1.0	.2							10.3	7.6
NW	.4	1.2	3.3	2.0	.2							7.2	9.1
NNW	.1	1.4	3.0	1.7								6.2	8.9
VARIABLE												
CALM												
TOTALS	11.1	33.2	39.3	14.3	1.1							100.0	7.4
TOTAL NUMBER OF OBSERVATIONS:	900												

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 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			56
N	.8	2.1	1.2	.9								5.0	6.8
NNE	.6	.7	.4	.1								1.8	5.1
NE	.6	.6	.3									1.4	4.4
ENE	.4	1.0	.4	.1								2.0	5.4
E	1.2	2.4	1.2	.3								5.2	5.4
ESE	1.9	4.8	5.3	.7								12.7	6.3
SE	1.0	5.9	6.9	1.1								14.9	7.0
SSE	.7	1.2	2.0									3.9	6.3
S	.4	.8	1.0	.8								3.0	7.5
SSW	.6	1.2	2.1	1.3								5.2	8.4
SW	.7	.8	3.7	2.0	.2							7.3	9.0
WSW	.6	1.9	3.8	.8								7.0	7.6
W	.7	2.9	4.1	1.1	.3							9.1	7.9
WNW	.8	2.1	3.0	1.7	.1							7.7	8.1
NW	.2	1.4	2.6	2.0	.2							6.4	9.1
NNW	.1	1.4	3.7	1.2	.1							6.6	8.8

VARIABLE
 CALM
 TOTALS 11.1 31.2 41.8 14.1 1.0 100.0 7.3

TOTAL NUMBER OF OBSERVATIONS: 900

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 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	56
N	1.7	1.8	1.1	.2								4.8	5.0
NNE	.8	.1	.2									1.1	3.6
NE	.3	.8	.2	.2								1.6	6.0
ENE	1.0	.4	.8	.1								2.3	5.5
E	.9	.9	.4	.1								2.3	4.6
ESE	1.8	2.8	.9	.3								5.8	4.9
SE	3.6	6.2	2.1	.4								12.4	5.0
SSE	2.8	4.7	.9									8.4	4.3
S	2.4	4.0	2.6	.9								9.9	5.7
SSW	1.8	2.7	3.2	1.0								8.7	6.7
SW	1.4	3.6	2.4	.6								8.0	6.1
WSW	2.4	1.9	1.2	.2								5.8	4.8
W	2.1	2.3	1.9	.2								6.6	5.2
WNW	.9	2.2	.8	.2	.1							4.2	5.9
NW	.9	1.8	.9	.3	.3	.1						4.3	7.3
NNW	1.7	3.1	1.4	.7								6.9	5.7

VARIABLE
 CALM
 TOTALS 26.5 39.3 21.2 5.6 .4 .1 100.0 5.1
 6.9

TOTAL NUMBER OF OBSERVATIONS: 898

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: JUN HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS						TOTAL	MEAN WIND					
	1-3	4-6	7-10	11-16	17-21	22-27			28-33	34-40	41-47	48-55	GE 56
N	1.6	.8	.9	.4								3.7	5.4
NNE	.7	.8	.6	.1								2.1	5.7
NE	.4	1.0	.2	.3								2.0	5.9
ENE	.4	.2	.2	.1								1.0	5.4
E	.9	.7	.1									1.7	3.5
ESE	1.1	.4	.2									1.8	3.6
SE	2.0	.9	.1									3.0	3.3
SSE	3.8	2.5	.7									6.9	3.6
S	7.8	8.9	3.7	.8								21.2	4.7
SSW	3.3	4.3	4.3	.9								12.9	5.8
SW	2.6	2.2	.6	.2								5.6	4.3
WSW	2.9	1.7	1.2									5.8	4.1
W	2.9	2.2	.8									5.9	4.0
WNW	.6	1.2	.4									2.2	4.8
NW	.7	1.2	.8	.6	.1							3.3	7.3
NNW	1.0	1.7	1.1	.4								4.2	6.2

VARIABLE
 CALM
 TOTALS

32.7 30.8 15.9 3.9 .1
 100.0 4.0
 16.6
 TOTAL NUMBER OF OBSERVATIONS: 897

AD-A174 643

DOVER AFB DELAWARE REVISED UNIFORM SUMMARY OF SURFACE

2/4

WEATHER OBSERVATIONS (U) AIR FORCE ENVIRONMENTAL

TECHNICAL APPLICATIONS CENTER SCOTT AFB IL

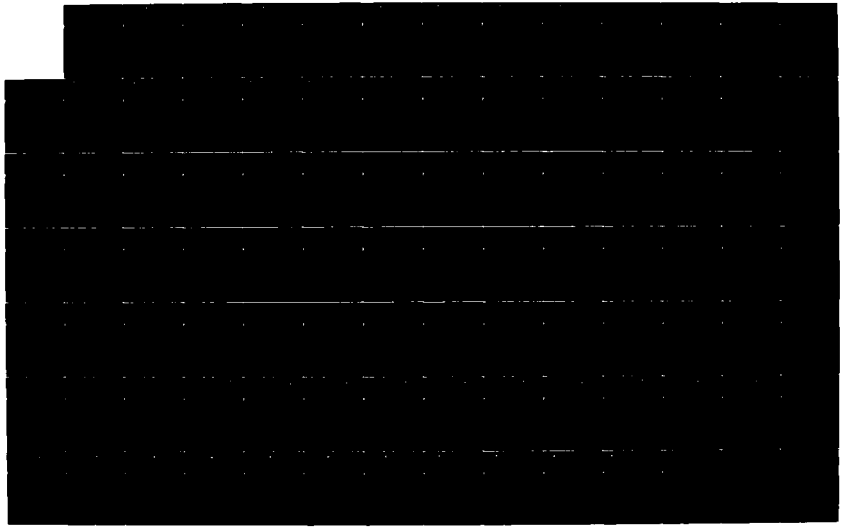
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UNCLASSIFIED

USAFETAC/DS-86/862

F/G 4/2

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

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: JUN HOURS(LST): ALL

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	1.8	2.2	1.8	.6	.0	.0	.0					6.4	5.9
NNE	.9	.8	.6	.1								2.3	4.8
NE	.6	1.0	.5	.1								2.2	5.2
ENE	.5	.9	.5	.1								2.0	5.7
E	1.0	1.8	1.1	.1								4.1	5.4
ESE	1.1	2.3	1.5	.2								5.1	5.6
SE	1.4	2.7	1.9	.3								6.2	5.7
SSE	1.7	1.6	.6	.0								3.9	4.3
S	3.2	3.5	1.9	.5	.0							9.1	5.0
SSW	2.1	3.1	2.8	1.2	.0							9.2	6.3
SW	2.1	2.7	2.1	1.1	.1							8.1	6.4
WSW	2.2	2.1	2.0	.6	.0							6.9	5.8
W	2.1	2.5	2.3	.6	.1	.0						7.5	6.2
WNW	1.1	1.9	1.9	.7	.1							5.7	6.8
NW	.8	1.8	1.9	.9	.1	.0						5.6	7.5
NNW	1.0	2.0	2.2	.7	.0							5.9	6.8

VARIABLE
 CALM
 TOTALS 23.5 32.9 25.4 7.7 .5 .0
 9.9 100.0 5.4

TOTAL NUMBER OF OBSERVATIONS: 7195

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: JUL HOURS(LST): 0000-0200

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-58	TOTAL	MEAN WIND
N	1.9	3.2	.6									5.8	4.5
NNE	1.0	.3	.1									1.4	3.4
NE	.5	.3	.2									1.1	4.5
ENE	.3	.8	.3									1.4	5.5
E	.8	.4	.2									1.4	3.9
ESE	.6	.9	.1									1.6	3.9
SE	.4	1.1	.3									1.8	4.5
SSE	2.0	1.1										3.1	3.1
S	4.6	4.3	1.3	.5	.1							10.9	4.7
SSW	5.2	4.5	3.8	.6	.1							14.2	5.3
SW	3.1	4.6	1.5									9.2	4.4
WSW	3.8	2.6	.9									7.2	3.9
W	4.2	2.4	.6									7.2	3.8
WNW	1.3	2.8	1.0									5.1	4.9
WW	.6	1.1	1.0									2.7	5.4
NNW	1.5	1.1	1.2									3.8	4.7

VARIABLE // 22.2 //
 CALM // 100.0 // 3.5
 TOTALS 31.9 31.4 13.1 1.2 .2

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: JUL HOURS(IST): 0300-0500

DIRECTION (DEGREES) | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | 56-58 | TOTAL | MEAN | WIND |

WIND SPEED IN KNOTS | 3.5 | 2.6 | .9 | .4 | .1 | .1 | .5 | .1 | .1 | .5 | .5 | .4 | .1 | .1 | .4 | .4 |

N | .9 | .6 | .1 | .3 | .5 | .6 | .1 | .1 | .5 | .5 | .4 | .1 | .1 | .4 | .4 |

NNE | .3 | .3 | .1 | .3 | .5 | .6 | .1 | .1 | .5 | .5 | .4 | .1 | .1 | .4 | .4 |

NE | .1 | .3 | .5 | .6 | .1 | .1 | .5 | .1 | .1 | .5 | .5 | .4 | .1 | .4 | .4 |

ENE | .8 | .5 | .6 | .6 | .1 | .1 | .5 | .1 | .1 | .5 | .5 | .4 | .1 | .4 | .4 |

E | .8 | .5 | .5 | .5 | .1 | .1 | .5 | .1 | .1 | .5 | .5 | .4 | .1 | .4 | .4 |

ESE | .2 | .6 | .4 | .4 | .1 | .1 | .5 | .1 | .1 | .5 | .5 | .4 | .1 | .4 | .4 |

SE | 1.6 | .4 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 |

SSE | 3.9 | 2.8 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 |

S | 3.0 | 4.6 | 2.8 | 1.1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 |

SSW | 3.4 | 4.1 | 1.5 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 |

SW | 2.9 | 2.6 | .4 | .4 | .4 | .4 | .4 | .4 | .4 | .4 | .4 | .4 | .4 | .4 | .4 |

WSW | 3.9 | 3.0 | 1.1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 |

W | 1.7 | 1.7 | .9 | .9 | .9 | .9 | .9 | .9 | .9 | .9 | .9 | .9 | .9 | .9 | .9 |

MNW | 1.5 | 2.8 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 |

NW | 2.3 | 1.9 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |

MNW | | | | | | | | | | | | | | | |

VARIABLE | | | | | | | | | | | | | | | |

CALM | | | | | | | | | | | | | | | |

TOTALS | 30.8 | 29.2 | 11.6 | 1.7 | | | | | | | | 26.7 | | |

..... | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: JUL HOURS (LST): 0600-0800

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59	TOTAL	MEAN WIND
N	2.2	3.3	3.5	.4								9.5	6.1
NNE	1.1	1.2	.3									2.6	4.3
NE	1.1	.9	.8									2.7	4.6
ENE	.5	.9	.2									1.6	4.2
E	1.3	1.3	.8	.1								3.4	4.8
ESE	.8	.6	.5	.2								2.2	5.7
SE	1.0	.8	.4									2.2	4.2
SSE	1.0	.6	.3									1.9	3.9
S	2.3	2.2	1.1									5.5	4.4
SSW	1.3	3.7	3.2	1.4								9.6	6.8
SW	2.3	4.3	3.1	.5								10.2	5.8
WSW	1.4	3.0	1.5	.3								6.2	5.6
W	2.6	4.4	2.0									9.0	4.8
WNW	.9	1.7	1.7	.3								4.6	6.2
NW	2.4	1.5	2.0	.1								6.0	5.3
NNW	2.4	3.0	1.6	.5								7.5	5.3

VARIABLE
 CALP
 TOTALS 24.2 33.3 23.2 4.0 15.3 100.0 4.6

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724086 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 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	56
N	2.3	4.3	3.1	.8								10.4	5.9
NNE	1.3	1.6	1.5	.2								4.6	5.7
NE	.4	1.3	.3									2.0	4.7
ENE	.8	1.3	.6									2.7	4.8
E	2.0	3.9	1.5	.2								7.6	5.0
ESE	1.4	2.7	1.8	.5								6.5	5.9
SE	1.0	1.4	1.2									3.5	5.1
SSE	.6	.6	.8									2.0	5.0
S	1.0	1.5	.9	.3	.1							3.8	6.2
SSW	1.0	1.9	2.0	1.3								6.2	7.4
SW	1.8	2.3	3.7	1.2								8.9	7.2
WSW	1.2	3.1	2.6	.2								7.1	6.0
W	1.5	5.2	3.0	1.5								11.2	6.5
WNW	.3	3.2	2.0	.6								6.2	6.8
NW	.8	2.6	1.7	.9								5.9	6.9
NNW	1.0	2.6	2.2	1.6								7.3	7.6

VARIABLE
 CALM
 TOTALS 18.3 39.5 28.9 9.4 .1
 3.9 100.0 6.0

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 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	56
N	.6	2.5	3.7	.2								7.0	6.7
NNE		1.1	.4	.1								1.6	6.6
NE	.5	.8	.3									1.6	4.7
ENE	.9	.8	.3	.1								2.0	4.8
E	1.6	4.8	2.9	.2								9.6	5.5
ESE	1.2	4.4	4.7	.4								10.8	6.6
SE	.4	2.7	3.2	.5								6.9	7.0
SSE	.4	1.1	.9									2.4	5.6
S	.4	1.7	1.0	.4	.1							3.7	7.1
SSW	.3	1.2	2.2	1.4	.2							5.3	9.0
SW	.8	1.6	3.5	2.7								8.6	8.6
WSW	1.0	2.2	2.4	.9								6.3	6.9
W	.8	5.5	3.7	1.0	.2							11.1	6.9
WNW	.8	2.8	3.2	1.4	.1							8.3	7.6
NW	.6	2.8	1.9	1.6								7.0	7.6
MNW	.3	2.0	2.7	1.0								6.0	7.9
VARIABLE												
CALM	////////////////////												
TOTALS	10.6	37.8	37.0	11.9	.6							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: JUL HOURS(LST): 1500-1700

WIND SPEED IN KNOTS

1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 56-58 TOTAL MEAN WIND

1.1 2.9 2.5 .6 .1 7.2 6.7

NNE .2 .9 .2 .2 1.3 4.9

NE .1 .3 .1 .2 .8 7.6

ENE .2 .4 .2 .1 1.0 5.8

E 1.4 3.1 1.4 .1 6.0 5.2

ESE 1.6 5.5 3.4 .3 10.9 5.8

SE .9 6.7 6.5 .4 14.4 6.5

SSE .5 2.0 1.2 3.8 5.8

S .6 1.3 1.2 .6 4.0 7.4

SSW 1.4 1.8 1.9 .6 5.8 10.5

SW .5 3.1 3.0 1.8 .1 8.6 8.1

WSW .6 2.6 2.2 1.1 6.5 7.3

W .6 4.2 5.7 1.1 11.6 7.5

MNW .1 1.9 2.2 .4 4.9 7.8

NW .5 1.9 2.2 1.0 .1 5.9 8.4

MNW .3 1.6 3.1 .9 .1 6.0 8.0

VARIABLE

CALM 9.5 39.9 36.8 10.6 1.5 .3 100.0 7.1

TOTALS

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: JUL HOURS(LST): 1800-2000

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-62	TOTAL	MEAN WIND
N	1.5	2.0	1.0	.2								4.7	4.9
NNE	.5	.3	.3	.1								1.3	5.5
NE	.5	.1	.3									1.0	4.7
ENE	.1			.1								.2	8.5
E	1.0	.6	.6	.2								2.5	5.7
ESE	2.4	3.9	.8	.1								7.1	4.2
SE	4.0	6.0	1.0									11.0	4.1
SSE	2.0	4.3	.5									6.9	4.2
S	2.9	3.5	1.9	.4	.1							8.9	5.4
SSW	2.0	2.7	3.2	1.5								9.5	6.9
SW	2.3	3.3	1.6	.8								8.0	5.8
WSW	2.5	3.9	1.0	.5	.1							8.0	5.3
W	2.3	4.3	.8	.3								7.6	4.8
WNW	.4	1.5	1.3	.4	.1							3.8	7.4
NW	.8	1.6	1.2	.3	.1							4.0	6.5
NNW	1.7	2.8	1.1	.3	.1							6.0	5.4

VARIABLE

////////////////////// 9.7 //

TOTALS 26.9 41.0 16.6 5.4 .5 100.0 4.8

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: JUL HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56-62
N	1.5	1.6	.1	.1	.1							3.3	4.1
NNE	.3	.3	.1	.1	.1							.9	6.3
NE	.1											.1	3.0
ENE	.2											.2	2.0
E	.5	.8	.5	.1								1.9	5.7
ESE	1.1	1.3	.1									2.5	3.6
SE	3.4	2.3	.3									6.0	3.4
SSE	3.8	2.2	.6									6.6	3.6
S	7.7	5.9	2.4	1.1								17.1	4.5
SSW	5.1	6.3	2.8	.6								14.8	4.9
SW	3.1	3.7	.6	.5								8.0	4.6
WSW	4.0	2.7	.8	.1								7.5	3.8
W	2.8	2.2	.8	.3								6.0	4.6
WNW	1.0	.5	1.0									2.5	5.5
NW	.5	1.1	1.1	.2								2.9	6.1
NNW	1.3	1.5	.2	.1								3.1	4.2

VARIABLE

CALM 16.6

TOTALS 36.5 32.3 11.4 3.2 .1 100.0 3.7

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: JUL HOURS(LST): ALL

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	1.8	2.8	1.9	.3	.0	.0	.0	.0	.0	.0	.0	6.9	5.6
NNE	.7	.8	.4	.1	.0	.0	.0	.0	.0	.0	.0	1.9	5.1
NE	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.2	4.8
ENE	.4	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.3	5.0
E	1.2	1.9	1.1	.1	.0	.0	.0	.0	.0	.0	.0	4.3	5.2
ESE	1.2	2.5	1.5	.2	.0	.0	.0	.0	.0	.0	.0	5.4	5.5
SE	1.4	2.7	1.7	.1	.0	.0	.0	.0	.0	.0	.0	5.9	5.3
SSE	1.5	1.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	3.6	4.2
S	2.9	2.9	1.2	.4	.1	.0	.0	.0	.0	.0	.0	7.6	5.0
SSW	2.2	3.3	2.7	1.2	.1	.0	.0	.0	.0	.0	.0	9.6	6.5
SW	2.2	3.4	2.3	1.0	.0	.0	.0	.0	.0	.0	.0	8.8	6.1
WSW	2.2	2.8	1.5	.4	.0	.0	.0	.0	.0	.0	.0	6.8	5.3
W	2.3	3.9	2.2	.5	.0	.0	.0	.0	.0	.0	.0	9.0	5.6
WNW	.8	2.0	1.7	.4	.1	.0	.0	.0	.0	.0	.0	5.0	6.5
NW	1.0	1.9	1.4	.5	.0	.0	.0	.0	.0	.0	.0	4.9	6.4
N\W	1.3	2.1	1.6	.6	.0	.0	.0	.0	.0	.0	.0	5.6	6.2

VARIABLE
 CALM
 TOTALS
 23.6 35.6 22.3 5.9 .4 .0
 12.2 100.0 5.0
 TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETA C FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/RAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: AUG HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-50		
N	2.2	2.5	.6	.8	.1				6.1	5.6
NNE	.9	.9	.4						2.2	4.8
NE	.3	.8	.2	.2					1.5	6.1
ENE	.6	.8	.6						2.0	5.2
E	1.1								1.1	2.4
ESE	.8	.4							1.2	2.9
SE	.8	.5							1.3	3.2
SSE	1.5	.9							2.4	3.1
S	5.2	5.4	1.4						11.9	4.0
SSW	4.5	6.8	3.5	.3					15.2	5.0
SW	4.0	6.0	1.4	.2					11.6	4.5
WSW	1.6	1.9	.3						3.9	3.9
W	2.5	2.3	.1	.3	.1				5.3	4.4
WNW	1.1	1.6	.3						3.0	3.9
NW	.4	1.4	.5						2.4	5.3
NNW	3.3	2.6	.6						4.5	4.5

VARIABLE
 CALM
 TOTALS 28.6 34.6 10.2 1.8 .2 24.5 100.0 3.4

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: AUG HOURS(LST): 0300-0500

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			56-66
N	3.3	3.3	1.3	.2								8.2	4.4
NNE	2.3	1.7	1.0	.2								5.2	4.7
NE	.8	1.0	.5									2.3	4.5
ENE	.2	.1	.2									.5	5.0
E	1.0	.6										1.6	3.1
ESE	.4	.4	.1									1.0	4.1
SE	.8	.1										.9	2.8
SSE	1.2	1.0										2.2	3.1
S	2.9	4.8	.5									8.3	4.1
SSW	2.8	5.2	2.8	.1								10.9	5.0
SW	4.2	5.6	1.6	.1								11.5	4.4
WSW	2.4	2.3	.2									4.8	3.7
W	2.8	1.8	.2	.1								4.9	3.5
WNW	1.4	1.3	.4									3.1	4.0
NW	1.9	2.7	.3									4.9	3.9
NNW	2.5	3.1	.9									6.5	4.4

VARIABLE
 CALM
 TOTALS

30.8 35.1 10.1 .8
 23.3
 100.0 3.3
 TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/7HAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: AUG HOURS(LST): 0600-0800

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	2.5	5.2	3.1	.3								11.1	5.5
NNE	1.1	2.2	1.3	.4	.1							5.1	6.4
NE	.6	1.4	1.2	.1								3.3	5.8
ENE	.8	1.3	.8	.1								2.9	5.2
E	.5	.8	.1									1.4	4.3
ESE	.6	.5	.4									1.6	4.6
SE	.6	.5	.3									1.5	4.7
SSE	.5	.8	.1									1.4	4.2
S	2.3	3.1	1.1	.2								6.7	4.8
SSW	2.5	3.9	3.7	.6								10.6	5.9
SW	2.3	3.7	3.1	.4								9.5	5.8
WSW	2.5	3.4	1.4	.2								7.5	4.8
W	2.8	2.7	.9	.1								6.5	4.3
WNW	1.4	1.6	.5									3.5	4.3
NW	1.2	2.2	.5	.3								4.2	4.9
NNW	3.0	3.4	2.4	.4								9.2	5.3

VARIABLE
 CALM // 14.0 //
 TOTALS 25.2 36.6 20.9 3.3 .1 100.0 4.5

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: AUG HOURS(LST): 0900-1100

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	1.8	3.0	4.1	1.1								10.0	6.7
NNE	1.6	1.9	2.3	.4								6.2	6.2
NE	1.1	2.3	2.3	.4								6.0	6.3
ENE	.9	1.8	1.0	.2								3.9	5.7
E	1.6	2.2	1.7									5.5	5.2
ESE	1.2	2.2	1.3									4.6	5.3
SE	.8	.6	.6	.1								2.2	5.6
SSE	1.0	.6	.5									2.2	4.6
S	.8	1.6	1.5	.2								4.1	5.9
SSW	.6	2.4	3.7	1.1								7.7	7.6
SW	.9	2.8	4.5	1.4								9.6	7.5
WSW	1.0	3.3	1.8	.6								6.8	6.3
W	2.5	3.5	3.2	.3	.1							9.7	6.0
WNW	1.6	2.3	1.2	.1								5.2	5.1
NW	.9	1.7	.5	.3								3.4	5.9
NNW	1.7	3.1	3.8	.6								9.2	6.5

VARIABLE
 CALM
 TOTALS 19.8 35.4 34.0 7.0 .1 3.8 100.0 6.0

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: AUG HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56
N	.6	3.0	4.4	.9								8.9	7.1
NNE	.1	1.3	1.1	.5								3.0	7.6
NE	.6	1.9	.4		.1							3.1	5.3
ENE	.4	1.7	.9									3.0	5.5
E	.8	4.4	2.0									7.2	5.4
ESE	1.1	6.9	4.3	.4								12.7	6.2
SE	1.1	3.5	2.7	.3								7.6	6.0
SSE	.8	.9	.6									2.3	5.1
S	.8	1.2	1.9	.3								4.2	6.4
SSW	.9	1.3	3.3	1.4	.1	.1						7.1	8.5
SW	.5	1.3	4.0	1.0								6.8	8.1
MSW	.6	1.8	2.4	1.2								6.0	7.8
W	1.3	3.2	5.3	1.4	.1							11.3	7.5
WNW	.6	1.8	1.5	.9								4.8	7.3
NW	.3	1.4	1.6	.5								3.9	7.5
NNW	.9	2.2	2.3	.9								6.1	6.9

VARIABLE
 CALM // 1.9 //
 TOTALS 11.4 37.8 38.7 9.7 .3 .1 100.0 6.7

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: AUG HOURS(IST): 1500-1700

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	.5	2.2	3.1	.4								6.2	7.1
NNE	.9	1.4	.5	.3	.3							3.0	7.7
NE	.3	.8	.8	.1								1.9	6.4
ENE	.6	1.5	.5									2.7	4.9
E	1.0	2.9	1.1	.1								5.1	5.2
ESE	2.6	4.8	4.5	.5								12.5	6.0
SE	1.6	7.4	6.2	.3								15.6	6.1
SSE	.6	1.7	.9	.1								3.3	5.3
S	.5	1.4	2.8	.5								5.3	7.3
SSW	.4	1.6	3.8	1.5								7.3	8.3
SW	.2	1.6	2.7	1.2								5.7	7.9
WSW	.9	3.2	1.6	.3								6.0	6.0
W	1.1	3.2	3.9	.9	.1							9.1	7.0
WNW	.6	1.6	2.9	.4	.1							5.7	7.5
NW	.1	1.4	1.7	1.1								4.3	8.3
NNW	.6	1.6	2.3	.4								4.9	6.8

VARIABLE
 CALM // 1.3 //
 TOTALS 12.3 38.4 39.2 8.3 .5 100.0 6.6
 TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 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
N	1.1	2.2	.4	.1	.1	.1	.1	3.9	5.7	
NNE	.9	.4	.1	.3				1.7	5.6	
NE	.3	.6	.4	.1	.1			1.6	6.6	
ENE	.1	.6	.4	.2				1.4	6.6	
E	.5	.8	1.0					2.3	5.5	
ESE	2.4	2.9	.8	.1				6.1	4.3	
SE	4.2	4.7	1.2					10.1	4.0	
SSE	5.8	4.4	.6					10.9	3.6	
S	5.5	5.3	1.7	.2				12.7	4.6	
SSW	2.6	4.9	3.3	.3				11.2	5.6	
SW	1.9	2.4	1.0					5.3	4.5	
WSW	2.3	2.4	.1					4.7	3.6	
W	2.7	2.4	.5					5.6	3.9	
WNW	.5	1.7	.5	.1	.1			3.0	5.8	
NW	.3	1.4	.3	.1	.1	.1		2.3	6.8	
NNW	1.4	2.4	1.3	.4	.1			5.6	6.1	

VARIABLE
 CALM
 TOTALS
 32.5 39.5 13.8 1.8 .5 .2 11.1 100.0 4.2

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: AUG HOURS(LST): 2100-2300

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	1.2	1.0	.4	.3								2.9	5.3
NNE	.3	1.0	.4	.1								1.8	5.2
NE	.1	.6	.2	.1								1.1	6.3
ENE	.8	.8	.6	.2								2.4	5.5
E	1.0	.9	.3									2.2	4.4
ESE	.9	.9	.1									1.8	3.5
SE	1.7	.9	.1									2.7	3.2
SSE	3.5	1.7	.2									5.5	3.2
S	8.7	9.4	2.6									20.6	4.1
SSW	3.3	6.7	3.0	.3								13.3	5.1
SW	2.7	3.2	1.1									7.0	4.4
WSW	1.9	1.9	.2									4.1	3.6
W	2.0	1.8	.3	.1	.1							4.4	4.1
WNW	1.0	.3	.4	.1								1.8	4.6
NW	.2	.5	.3	.1								1.2	6.4
NNW	.9	1.9	1.4	.1								4.3	5.6

VARIABLE	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL
CALM	30.2	33.4	11.8	1.4	.2							100.0
TOTALS	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: AUG HOURS(LST): ALL

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL %	MEAN WIND
N	1.7	2.8	2.2	.5	.0	.0	.0	.0	.0	.0	.0	7.2	6.0
NNE	.9	1.3	.9	.3	.1	.0	.0	.0	.0	.0	.0	3.5	6.1
NE	.5	1.2	.8	.1	.0	.0	.0	.0	.0	.0	.0	2.6	5.9
ENE	.6	1.1	.6	.1	.0	.0	.0	.0	.0	.0	.0	2.4	5.4
E	.9	1.6	.8	.0	.0	.0	.0	.0	.0	.0	.0	3.3	4.9
ESE	1.2	2.4	1.4	.1	.0	.0	.0	.0	.0	.0	.0	5.2	5.4
SE	1.4	2.3	1.4	.1	.0	.0	.0	.0	.0	.0	.0	5.2	5.2
SSE	1.9	1.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	3.7	3.8
S	3.3	4.0	1.7	.2	.0	.0	.0	.0	.0	.0	.0	9.2	4.7
SSW	2.2	4.1	3.4	.7	.0	.0	.0	.0	.0	.0	.0	10.4	6.0
SW	2.1	3.3	2.4	.5	.0	.0	.0	.0	.0	.0	.0	8.4	5.7
WSW	1.6	2.5	1.0	.3	.0	.0	.0	.0	.0	.0	.0	5.5	5.1
W	2.2	2.6	1.8	.4	.1	.0	.0	.0	.0	.0	.0	7.1	5.6
WNW	1.0	1.5	1.0	.2	.0	.0	.0	.0	.0	.0	.0	3.8	5.6
NW	.7	1.6	.7	.3	.0	.0	.0	.0	.0	.0	.0	3.3	6.0
NNW	1.5	2.5	1.9	.3	.0	.0	.0	.0	.0	.0	.0	6.3	5.8
VARIABLE												
CALM	////////////////////// 12.9 //												
TOTALS	23.8	36.3	22.3	4.3	.3	.0	.0	.0	.0	.0	.0	100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 7440

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: SEP HOURS(LST): 0000-0200

DIRECTION (DEGREES) | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | 56 | TOTAL | MEAN WIND

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN WIND
N	2.6	2.9	2.1	.3								7.9	5.2
NNE	.9	2.2	1.8	.6	.1							5.6	6.8
NE	.7	1.2	1.6	.3								3.8	6.7
ENE	.3	.8	.6	.2								1.9	6.4
E	.9	1.0	.3	.2								2.4	5.2
ESE	.3	.4	1.0									1.8	6.4
SE	.6	.9	.1									1.6	4.1
SSE	1.3	1.3	.1	.2	.1							3.1	4.9
S	4.7	2.3	.9	.1	.1	.1						8.1	4.0
SSW	4.0	4.7	1.9	.6								11.1	4.8
SW	4.0	4.6	1.6	.1								10.2	4.4
WSW	2.3	2.1	.4									4.9	3.8
W	1.2	3.2	.4									4.9	4.5
WNW	.8	1.4	.8	.1								3.1	5.5
NW	1.2	1.8	.8	.4								4.2	5.6
NNW	1.3	2.2	.7	.3								4.6	4.8

VARIABLE
 CALM
 TOTALS | 27.1 | 33.1 | 15.0 | 3.6 | .2 | .1 | 20.9 | 100.0 | 4.0

TOTAL NUMBER OF OBSERVATIONS: 900

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: SEP HOURS(LLST): 0300-0500

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			56
N	6.6	4.1	2.0	.9								13.6	4.5
NNE	2.3	2.0	1.6	1.0								6.9	6.0
NE	.2	1.0	1.4	.2								2.9	6.9
ENE	.4	.6	.7	.1								1.8	6.8
E	.6	.8	.3	.1	.1							1.9	6.8
ESE	.4	1.1	.2									1.8	4.8
SE	.8	.8	.1									1.7	3.7
SSE	1.7	1.1	.2									3.0	3.9
S	2.9	2.0	.7	.3	.2							6.1	5.1
SSW	3.3	3.2	.6	.3								7.4	4.1
SW	3.6	4.6	1.4	.1								9.7	4.6
WSW	2.6	2.2	.3									5.1	3.8
W	2.8	1.3	.6	.1								4.8	3.9
WNW	1.1	1.4	.7	.3								3.6	5.3
WV	1.3	2.0	.7									4.0	4.6
NNW	2.0	1.4	.6	.1								4.1	4.2

VARIABLE
 CALC // 21.8 //
 TOTALS 32.6 29.7 12.0 3.4 .4 .1 100.0 3.7
 TOTAL NUMBER OF OBSERVATIONS: 900

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: SEP HOURS(LST): 0600-0800

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-56	TOTAL	MEAN WIND
N	4.3	4.8	2.7	.8	.1							12.7	5.4
NNE	1.3	3.0	2.8	1.0	.1							8.2	6.6
NE	.8	1.7	2.6	.3	.2	.1						5.7	7.7
ENE	.2	1.6	.6	.6								2.9	6.7
E	.4	1.0	1.1	.1								2.7	6.0
ESE	.6	.3	.3									1.2	5.0
SE	.6	.6	.4									1.6	4.6
SSE	.2	.7	.2									1.1	5.5
S	1.9	2.6	.8	.1	.1							5.4	4.9
SSW	1.9	2.7	1.8	.2								6.6	5.2
SW	2.8	3.9	1.7	.8	.1							9.2	5.4
WSW	1.8	3.2	.4	.1								5.6	4.2
W	2.3	2.1	1.6	.1								6.1	4.8
WNW	.7	1.7	1.4	.8								4.6	6.9
NW	.4	1.6	1.1	.3								3.4	6.4
NNW	2.8	1.8	1.6		.1							6.2	4.8

VARIABLE

CALM 16.9

TOTALS 23.0 33.0 21.0 5.2 .7 .2 100.0 4.7

TOTAL NUMBER OF OBSERVATIONS: 900

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: SEP HOURS(IST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL &	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56
N	2.1	3.4	5.0	2.0								12.6	7.0
NNE	.8	2.0	3.1	2.2								8.1	8.3
NE	.4	2.8	3.8	.9	.1							8.0	7.6
ENE	1.1	2.4	2.2	.1								5.9	6.1
E	.6	3.1	2.6	.8	.1							7.1	7.2
ESE	.6	2.1	1.6	.3								4.6	6.2
SE	.9	1.2	.6									2.7	4.5
SSE	.4	1.0	.8	.1								2.3	5.5
S	.6	1.3	.7	.7	.1	.1						3.4	7.8
SSW	.4	1.8	2.2	.8								5.2	7.7
SW	1.0	1.4	2.4	1.3	.1							6.3	7.8
WSW	.8	2.8	2.1	.3	.1							6.1	6.6
W	.8	3.6	4.4	.6	.1	.1						9.6	7.1
WNW	.8	1.3	1.8	1.4			.2					5.6	9.2
NW	.6	1.4	1.1	1.3	.4							4.9	9.0
NNW	.6	1.6	2.2	.7								5.0	7.2

VARIABLE
 CALM // 2.1 //
 TOTALS 12.3 33.3 36.6 13.6 1.1 .2 100.0 7.1

TOTAL NUMBER OF OBSERVATIONS: 900

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: SEP HOURS(IST): 1200-1400

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	.8	2.4	4.1	.9	.1							8.3	7.6
NNE		1.2	2.6	1.1								4.9	8.8
NE	1.4	2.0	2.2	.4								6.1	6.3
ENE	.6	1.8	1.9	.4								4.7	6.5
E	1.7	4.6	2.3	.6	.1							9.2	6.0
ESE	.4	5.2	4.0	.9								10.6	6.8
SE	.4	2.6	3.1	.3								6.4	6.7
SSE	.6	.8	.4									1.8	4.9
S	.9	1.3	1.2	.6								4.0	6.5
SSW	.4	1.4	1.3	1.0	.1							4.3	8.1
SW	.4	1.4	1.9	1.8								5.6	8.7
WSW	.7	2.0	2.4	.7								5.8	7.3
W	.8	4.0	4.0	1.7	.1	.1						10.7	7.9
WNW	.4	1.3	2.4	1.7	.1							6.0	8.8
NW	.4	1.2	1.7	1.2	.1	.1						4.8	8.7
NNW	.6	2.7	2.4	.9	.1							6.7	7.6

VARIABLE

CALM	10.6	36.0	38.1	14.1	.8	.2						100.0	7.3
TOTALS													

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAF/ETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/7MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: SEP HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56
N	1.2	3.4	3.2	1.1								9.0	6.6
NNE	.6	.9	1.8	.2								3.4	6.8
NE	.3	1.3	1.3	.3								3.3	6.8
ENE	.9	1.3	1.1	.3	.1							3.8	6.2
E	1.0	2.0	2.1	1.0	.1							7.0	7.0
ESE	1.7	6.3	4.9	.6								13.4	6.3
SE	1.4	5.0	6.0	.2								12.7	6.2
SSE	1.0	1.4	.8	.2								3.4	5.4
S	.1	.3	1.0	.6	.1							2.1	9.5
SSW	.2	1.1	1.2	1.7	.2							4.4	9.4
SW	.4	1.3	2.9	.8								5.4	7.7
MSW	.8	2.7	3.3	.3								7.1	6.7
W	.8	1.8	4.1	.9	.2							7.8	8.0
WNW	.4	2.1	2.6	1.4								6.6	8.2
NW	.2	.6	1.8	1.2	.1							3.9	9.5
NNW	.7	1.1	2.6	1.0								5.3	8.0

VARIABLE

CALM	////////////////////										1.2	////	
TOTALS	11.8	33.6	40.7	11.9	.8	.1						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 900

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

STATION NUMBER: 724088 STATION NAME: DOVER ATB DE PERIOD OF RECORD: 76-85
 MONTH: SEP HOURS(LST): 1800-2000

WIND SPEED IN KNOTS 34-40 41-47 48-55 GE 56 TOTAL MEAN WIND
 22-27 28-33 34-40 41-47 48-55 GE 56

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	2.4	2.6	2.4	.2	.1							7.8	5.8
NNE		1.2	.9	.4								2.9	7.2
NE		.8	1.1	.1								2.0	7.4
ENE	.4	.3	1.9	.6								3.2	7.9
E	.8	1.4	2.2	.6								5.0	6.9
ESE	1.4	2.0	1.1	.2								4.8	5.0
SE	3.6	5.1	.9									9.6	4.1
SSE	4.4	3.9	.7									9.0	3.7
S	4.0	4.4	1.8	.8								11.0	5.0
SSW	1.4	5.3	1.8	.1								8.7	5.2
SW	1.3	3.0	1.2	.1								5.7	5.1
WSW	1.7	2.1	.4	.1								4.3	4.3
W	1.9	2.3	.6	.1								4.9	4.2
WNW	.7	1.4	1.1	.1								3.3	6.0
NW	.7	1.3	.8	.1								2.9	5.8
NNW	1.9	2.8	.9	.2								5.8	4.8

VARIABLE
 CALM
 TOTALS 27.0 40.1 19.8 3.7 .1 .1 100.0 4.7
 9.2

TOTAL NUMBER OF OBSERVATIONS: 900

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: SEP HOURS(LST): 2100-2300

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-58	TOTAL	MEAN WIND
N	2.3	2.0	2.0	.3								6.7	5.4
NNE	.2	1.8	1.4	.6								4.0	7.3
NE	.3	1.2	1.3	.4								3.3	7.0
ENE	.6	1.6	1.7	.3								4.1	6.6
E	.9	1.0	1.2	.2	.1							3.4	6.6
ESE	1.3	1.4	.4	.1	.1							3.4	5.0
SE	1.0	.9	.2	.1	.1							2.2	4.5
SSE	3.3	1.7	.1									5.1	3.3
S	6.7	5.4	1.2	.3								13.7	3.9
SSW	3.9	5.7	2.3	.6								12.4	5.0
SW	3.2	3.2	2.0									8.4	4.6
WSW	1.2	1.3	.2									2.8	3.9
W	1.6	1.4	.8									3.8	4.7
MNW	.2	1.6	.7	.1								2.6	5.7
NW	.9	.9	.3	.2								2.3	5.1
NNW	1.0	2.4	1.0									4.4	4.9

VARIABLE

CALM

TOTALS 28.7 33.6 17.0 3.2 .3 100.0 4.1

17.2

TOTAL NUMBER OF OBSERVATIONS: 900

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: SEP HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS						TOTAL Σ	MEAN WIND				
	1-3	4-6	7-10	11-16	17-21	22-27			28-33	34-40	41-47	48-55
N	2.8	3.2	2.9	.8	.0	.0	.0	9.8	5.9			
NNE	.8	1.8	2.0	.9	.0	.0	.0	5.5	7.2			
NE	.5	1.5	1.9	.4	.0	.0	.0	4.4	7.1			
ENE	.6	1.3	1.3	.3	.0	.0	.0	3.5	6.6			
E	.8	2.0	1.5	.4	.1	.0	.0	4.8	6.5			
ESE	.8	2.4	1.7	.3	.0	.0	.0	5.2	6.1			
SE	1.2	2.1	1.4	.1	.0	.0	.0	4.8	5.3			
SSE	1.6	1.5	.4	.1	.0	.0	.0	3.6	4.3			
S	2.7	2.5	1.0	.4	.1	.0	.0	6.7	5.0			
SSW	2.0	3.2	1.6	.7	.0	.0	.0	7.5	5.7			
SW	2.1	2.9	1.9	.6	.0	.0	.0	7.6	5.7			
MSW	1.5	2.3	1.2	.2	.0	.0	.0	5.2	5.3			
W	1.5	2.5	2.1	.4	.1	.0	.0	6.6	6.2			
WNW	.6	1.5	1.4	.7	.0	.0	.0	4.4	7.4			
NW	.7	1.3	1.0	.6	.1	.0	.0	3.8	7.1			
NNW	1.3	2.0	1.5	.4	.0	.0	.0	5.3	5.9			

VARIABLE
 CALM
 TOTALS 21.6 34.0 25.0 7.3 .6 .1 .0
 11.3 100.0 5.3

TOTAL NUMBER OF OBSERVATIONS: 7200

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: OCT HOURS(LST): 0000-0200

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN	WIND
N	2.8	3.2	1.9	1.1								9.0	5.8	
NNE	.8	2.8	2.4	.6								6.6	6.6	
NE	.1	1.4	2.9	.6								5.1	8.0	
ENE	.1	.6	1.1	.4								2.3	7.9	
E	.9	.5	.3	.5								2.3	5.9	
ESE	.3	.1										.4	2.8	
SE	.5	.9										1.4	3.8	
SSE	1.9	1.0	.4	.1								3.4	3.9	
S	4.8	4.3	1.0	.1								10.2	3.9	
SSW	3.1	4.0	1.5	.2								8.8	4.5	
SW	1.9	2.3	1.0	.6								5.8	5.5	
WSW	1.2	2.8	1.0	.1								5.1	4.9	
W	1.7	3.5	1.7	.8	.4							8.2	6.7	
WNW	.6	2.9	1.3	.2	.1							5.2	6.2	
NW	.4	1.4	.6	.2								2.7	5.8	
NNW	2.3	1.7	1.3	.3								5.6	5.0	

VARIABLE
 CALM
 TOTALS 23.5 33.4 18.4 6.0 .4 .1 18.1 100.0 4.5

TOTAL NUMBER OF OBSERVATIONS: 950

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: OCT HOURS(LST): 0300-0500

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	56			
N	3.4	3.4	1.4	1.3	.1							9.7	5.6	
NNE	1.1	3.2	4.1	1.3	.1							9.8	7.3	
NE	.1	.1	3.0	.5								3.8	9.1	
ENE	.2	.8	.5	.5								2.0	7.7	
E	.2	.2	.2	.8								1.4	9.2	
ESE	.4	.3	.1	.1								1.0	5.1	
SE	.5	.9	.4									1.8	4.6	
SSE	1.1	1.2	.4									2.7	4.3	
S	3.5	4.2	.8									8.5	4.0	
SSW	4.4	3.8	1.2	.5								9.9	4.5	
SW	2.0	2.7	.4	.2								5.4	4.2	
WSW	1.4	2.9	.8									5.1	4.5	
W	1.5	3.5	1.7	.9	.2	.1						8.0	6.8	
WNW	1.0	3.1	1.7	.1								5.9	5.6	
NW	1.1	1.2	1.1	.2								3.5	5.9	
NNW	2.6	2.0	.6	.3								5.6	4.4	
VARIABLE													
CALM	////////////////////												16.0	7.7
TOTALS	24.6	33.5	18.5	6.8	.4	.1						100.0	4.7	

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: OCT HOURS(LST): 0600-0800

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	4.2	4.1	3.3	1.4	.2							13.2	6.0
NNE	1.1	1.8	4.4	1.0	.2	.1						8.6	7.8
NE	.2	1.3	2.8	.4								4.7	7.7
ENE	.1	.6	.5	.4	.1							1.8	8.8
E	.6	.1	.2	.1	.1							1.1	5.6
ESE	.4	.3	.3									1.1	4.9
SE	.3	.4	.1									.9	4.5
SSE	.8	1.2	.2									2.2	4.5
S	3.5	3.1	1.8	.2								8.7	4.6
SSW	2.4	3.9	1.4	1.0	.1							8.7	5.8
SW	2.4	2.5	1.6	.2								6.7	5.1
WSW	1.5	2.0	1.4	.5								5.5	5.7
W	1.4	3.3	1.8	.4	.3							7.7	5.9
WNW	.3	2.4	3.0	.8								6.5	7.4
NW	.8	1.7	.9	.5								3.9	6.0
NNW	1.8	1.8	1.3	.9								5.8	6.2

VARIABLE
 CALM // 13.0 //
 TOTALS 22.3 30.6 25.2 7.7 1.1 .1 100.0 5.3
 TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: OCT HOURS(LST): 0900-1100

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			56
N	1.3	1.7	4.2	2.9	.2							10.3	8.6
NNE	.9	1.8	4.1	1.8	.2							8.8	8.3
NE	.5	2.3	3.5	1.8								8.2	8.1
ENE	.5	1.4	1.7	.4	.1							4.2	7.6
E	.4	1.2	.9	.3								2.8	6.3
ESE	.5	1.4	.3	.1								2.4	4.9
SE	.6	1.1	.9	.1								2.7	5.6
SSE	.4	.4	.3									1.2	4.9
S	1.0	1.8	2.2	1.0								5.9	7.2
SSW	1.3	1.4	1.8	.9	.1							5.5	7.0
SW	1.0	2.6	2.6	3.4	.2							9.8	9.0
WSW	.7	2.2	1.6	1.3	.1							5.7	8.0
W	.5	2.4	2.6	1.8	.4							7.7	8.8
WNW	1.0	1.2	2.7	3.0	.4							8.3	9.7
NW	.6	.9	2.8	2.7	.2							7.2	9.4
NNW	.4	1.3	1.9	1.8	.6							6.1	9.9

VARIABLE
 CALM
 TOTALS
 11.6 24.9 34.1 23.4 2.6 .1
 100.0 8.0
 3.2

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: OCT HOURS(LST): 1200-1400

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	TOTAL	MEAN &	WIND
N	1.2	2.7	3.3	1.8	.4							9.5	8.2	
NNE	.3	1.6	1.9	1.0	.1	.1						5.1	8.1	
NE	.8	.6	2.2	.8								4.3	7.6	
ENE	.9	1.0	1.4	.4								3.7	6.7	
E	1.2	3.9	3.7	1.1								9.8	7.0	
ESE	.8	3.0	2.6	.1								6.5	6.1	
SE	.5	1.6	1.6	.2								4.0	6.2	
SSE	.6	.4	.2	.1								1.4	4.7	
S	.6	1.0	1.6	1.0	.1							4.3	8.5	
SSW	.5	1.5	1.5	1.3	.3	.1						5.3	9.1	
SW	.3	1.4	2.9	2.7	.8	.1						8.2	10.4	
WSW	.5	1.5	2.2	1.1	.2							5.5	8.3	
W	.6	1.7	4.3	3.1	.1							9.9	9.3	
WNW	.2	.8	2.7	3.1	1.2							8.0	11.5	
NW	.6	.9	3.0	2.8	.4							7.7	10.0	
NNW	.2	.5	1.9	1.5	.3							4.5	10.0	

VARIABLE
 CALM // 2.6 //
 TOTALS 10.0 24.1 37.0 22.0 4.0 .3 100.0 8.4
 TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 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			56
N	1.5	3.5	2.9	.5	.5	.1						9.1	7.2
NNE	1.1	1.2	1.7	.2	.2							4.4	6.9
NE	.3	.9	1.4	.5	.2							3.3	8.5
ENE	.8	.2	1.4	1.2								3.5	8.3
E	1.9	3.1	1.5	1.3								7.8	6.2
ESE	2.6	4.0	1.7	.2								8.5	5.0
SE	2.2	5.2	2.0	.3								9.7	5.3
SSE	1.1	1.0	1.2	.1								3.3	5.5
S	.3	.6	1.2	.6								2.8	7.8
SSW	.2	1.4	2.5	1.4	.2							5.7	9.2
SW	.3	1.4	1.8	1.7	.1							5.4	8.9
WSW	.6	2.4	2.2	1.0	.1							6.2	7.5
W	.6	3.0	3.0	1.7	.4							8.8	8.3
WNW	.2	1.3	3.9	2.0	.4	.1						8.0	9.9
NW		1.3	1.3	2.5								5.1	9.9
NNW	.9	2.2	1.8	1.0	.1							5.9	7.6

VARIABLE	TOTALS
CALM	14.6
TOTALS	32.6 31.5 16.3 2.4 .2 100.0 7.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/7MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: OCT HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND S	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56
N	2.3	1.6	1.4	.9								6.1	5.7
NNE	.9	1.4	1.0	.3								3.5	5.9
NE	.1	.6	1.1	1.0								2.8	9.0
ENE	.4	.5	1.5	1.7								4.2	9.1
E	1.2	2.2	1.1	.6								5.1	6.4
ESE	1.6	1.1	.3									3.0	3.9
SE	2.7	1.1	.4	.1								4.3	3.8
SSE	3.8	3.3	.9	.1								8.1	4.0
S	4.4	4.7	.9	.2								10.2	4.1
SSW	1.6	2.9	2.3	.6								7.4	6.0
SW	2.8	3.0	.6	.3								6.8	4.6
WSW	2.0	.6	.3	.1								3.1	3.9
W	1.1	1.4	1.9	.6	.4	.1						5.6	8.0
WNW	.9	1.4	1.6	1.2	.1							5.2	8.0
NW	1.3	1.2	1.7	.6								4.8	6.7
NNW	1.3	1.5	1.7	.1								4.6	6.2

VARIABLE
 CALM
 TOTALS

28.3 28.6 18.7 8.4 .8 .1
 15.2 100.0 4.9
 TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088		STATION NAME: OOVER AFB DE		PERIOD OF RECORD: 76-85									
				MONTH: OCT	HOURS(LST): 2100-2300								
DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-62	TOTAL	MEAN WIND
	2.0	2.8	2.7	.9								8.4	6.3
N													
NNE	.6	1.5	1.1	.1								3.3	5.9
NE	.3	1.0	1.9	.5								3.8	7.8
ENE	.3	1.5	1.6	.8								4.2	7.5
E	1.0	.9	.4	.6	.1							3.0	6.9
ESE	.5	.4										1.0	2.8
SE	1.0	1.0	.1									2.0	4.0
SSE	.9	1.4	.3									2.6	4.0
S	7.2	5.7	1.4	.2								14.5	3.9
SSW	3.4	3.5	1.5	.4								8.9	4.8
SW	1.5	2.4	1.3	.6								5.8	5.9
WSW	1.7	2.4	.3	.1	.3							4.8	4.9
W	1.3	3.8	1.0	.4	.4							6.9	6.3
WNW	.5	1.9	1.4	.5	.3							4.7	7.5
NW	.4	1.2	1.2	.8								3.5	7.5
NWN	.4	1.8	1.5	.1								3.9	5.9
VARIABLE													
CALM												18.6	7.7
TOTALS	23.2	33.1	17.7	6.1	1.2							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85 ALL
 MONTH: OCT HOURS(LST):

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	2.3	2.9	2.6	1.3	.2	.0						9.4	6.7
NNE	.8	1.9	2.6	.8	.1	.0						6.3	7.3
NE	.3	1.0	2.4	.8	.0							4.5	8.2
ENE	.4	.8	1.2	.7	.0	.0						3.2	7.9
E	.9	1.5	1.0	.7	.0	.0						4.2	6.6
ESE	.9	1.3	.7	.1								3.0	5.0
SE	1.0	1.5	.7	.1								3.3	5.0
SSE	1.3	1.2	.5	.1								3.1	4.4
S	3.2	3.2	1.3	.4	.0							8.1	4.8
SSW	2.1	2.8	1.7	.8	.1	.0						7.5	6.0
SW	1.5	2.3	1.5	1.2	.1	.0						6.7	7.0
MSW	1.2	2.1	1.2	.5	.1							5.1	6.2
W	1.2	2.8	2.3	1.2	.3	.0						7.8	7.6
WNW	.6	1.9	2.3	1.4	.3	.0						6.5	8.5
NW	.7	1.2	1.6	1.3	.1							4.8	8.1
NNW	1.2	1.6	1.5	.7	.1							5.3	6.9

VARIABLE

CALM	////////////////////												11.1	7.7
TOTALS	19.8	30.1	25.1	12.1	1.6	.1						100.0	6.0	

TOTAL NUMBER OF OBSERVATIONS: 7440

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: NOV HOURS(LST): 0000-0200

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	56
N	3.2	2.7	2.0	.9								8.8	5.6
NNE	1.1	1.2	1.3	.1								3.8	5.5
NE	.6	.8	2.0	.1								3.4	6.7
ENE	.3	1.7	1.2	.9	.2							4.3	8.1
E	.3	.7	.8	.6	.2							2.6	8.4
ESE	.4	.4	.2									1.1	4.3
SE	.3	.7	.1									1.1	4.1
SSE	.9	.9	.3									2.1	4.2
S	2.4	3.4	1.3	.3	.1	.1						7.8	5.3
SSW	1.9	2.6	3.2	.7	.1							8.4	6.6
SW	1.6	1.9	2.0	.6								6.0	6.1
WSW	1.9	2.6	1.1	.3								5.9	5.0
W	1.8	3.2	2.4	1.4	.2							9.1	7.0
WNW	.7	2.8	2.4	1.9	.2							8.0	7.9
NW	.6	2.6	3.8	1.4								8.3	7.9
NNW	.8	2.4	2.0	.7	.2							6.1	7.2

VARIABLE

CALM // 13.1 //
 TOTALS 18.8 30.4 26.3 9.9 1.3 .1 100.0 5.7

TOTAL NUMBER OF OBSERVATIONS: 900

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: NOV HOURS(LST): 0300-0500

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-56	TOTAL	MEAN WIND
N	2.9	2.4	2.7	.9	.1							9.0	6.0
NNE	.7	2.0	1.2	.2								4.1	5.8
NE	.4	1.1	1.2	.1								2.9	6.6
ENE	.2	2.1	1.8	1.4								5.6	8.1
E	.8	.4	.2	.4	.1	.1						2.1	7.5
ESE	.3		.1									.4	3.5
SE	.2	.6	.1									.9	4.6
SSE	.7	1.2	.1									2.0	4.3
S	2.7	2.7	.7									6.0	4.1
SSW	1.0	1.8	2.9	.3	.1							6.1	6.7
SW	1.9	4.0	2.1	1.0	.2							9.2	6.5
WSW	1.7	2.3	1.1	.2								5.3	5.0
W	2.3	3.4	2.7	1.6								10.0	6.5
WNW	1.1	2.4	3.4	2.0								9.0	8.0
NW	.9	3.0	2.0	1.1	.2							7.2	7.0
NNW	1.1	1.7	1.4	1.4	.2							5.9	8.1
TOTALS	18.9	31.2	23.7	10.9	1.0	.1						100.0	5.6

VARIABLE

14.2

TOTAL NUMBER OF OBSERVATIONS: 900

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: NOV 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	3.3	2.9	2.8	.9								9.9	5.8
NNE	1.7	2.1	1.4	.1								5.3	5.1
NE	.2	1.2	1.2	.2								2.9	6.9
ENE	.4	.8	1.4	1.2								3.9	8.4
E	.9	.9	1.1	1.1								4.0	7.7
ESE	.2	.2	.3									.8	5.1
SE	.2	.3										.6	3.4
SSE	.7	.4	.3									1.4	4.4
S	1.9	2.0	1.4	.4								5.8	5.3
SSW	1.9	2.4	1.7	.6								6.6	5.7
SW	1.7	2.8	2.0	.6								7.0	5.8
WSW	1.8	3.1	.9	.1								5.9	4.6
W	2.4	4.1	3.2	1.3								11.1	6.5
WNW	.4	3.1	2.3	1.4	.2							7.6	7.9
NW	.6	2.3	2.7	1.8	.2							7.6	8.4
NNW	1.0	1.7	1.4	1.2	.1							5.4	7.6

VARIABLE
 CALM
 TOTALS

14.3
 100.0
 19.3 30.4 24.3 11.0 .6
 TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/711C

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: NOV 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			56
N	1.8	2.4	4.2	2.1								10.6	7.5
NNE	.3	2.1	2.0	.4								4.9	6.8
NE		1.6	1.8	.4								3.8	7.9
ENE	.6	1.0	1.4	.4								3.4	7.3
E	.6	1.9	1.8	1.8	.6							6.6	9.1
ESE	.8	.7	1.0									2.4	5.5
SE	.8	1.3	.2	.2								2.6	5.0
SSE	.2	.6	.4	.2								1.4	7.2
S	1.2	1.2	1.2	.8	.1							4.6	7.0
SSW	.7	1.4	1.1	2.1								5.3	8.6
SW	.6	.6	2.6	1.7	.2							5.6	9.1
WSW	1.3	.9	1.9	.8								4.9	7.2
W	.7	2.6	5.7	3.7	.6	.1						13.2	9.5
WNW	.6	1.3	4.4	3.6	1.2							11.1	10.5
NW	.3	.7	2.4	3.4	.2							7.1	10.9
NNW		1.0	2.3	4.2	.7							8.2	11.3

VARIABLE
 CALC 10.3 21.2 34.6 25.9 3.6 .1 4.3 777777
 TOTALS 100.0 8.4

TOTAL NUMBER OF OBSERVATIONS: 900

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: NOV HOURS(SLST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND		
	3-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56	
N	.7	2.6	4.3	1.2	.1							8.9	7.8	
NNE	.2	1.1	1.4	.3								3.1	7.3	
NE	.4	.9	1.1	.3								2.8	6.9	
ENE	.6	.8	1.7	.9								3.9	8.2	
E	1.1	1.7	2.0	1.2	.7	.3						7.0	9.1	
ESE	1.6	2.8	1.9	.2								6.4	5.7	
SE	.7	.6	1.2	.2								2.7	6.5	
SSE	.3	.7	.1									1.1	4.0	
S	.8	.7	1.0	.9	.4							3.8	9.5	
SSW	1.0	.7	3.0	1.9	.3							6.9	9.0	
SW	.3	.8	2.7	2.3								6.1	9.7	
WSW	.4	.7	2.0	1.3								4.4	8.5	
W	.2	2.1	3.7	5.1	.7							11.8	10.6	
WNW	.3	1.3	3.6	4.4	1.7	.3						11.7	11.8	
NW	.2	1.0	2.3	5.4	1.6							10.6	12.2	
NNW	.3	.7	3.0	2.3	.4							6.8	10.4	
VARIABLE	////////////////////////////////////												2.1	7.7
CALM	////////////////////////////////////												100.0	9.2
TOTALS	9.2	18.9	35.0	28.2	5.9	.7								

TOTAL NUMBER OF OBSERVATIONS: 900

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

STATION NUMBER: 724988 STATION NAME: COVER AFB DE PERIOD OF RECORD: 76-85
 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			56-66
N	.9	3.2	3.1	1.0								8.2	6.8
NNE	.4	1.6	1.7	.2								3.9	6.4
NE	.2	.6	.3	.2								1.3	6.7
ENE	.4	.9	.7	1.0								3.0	7.9
E	1.3	1.4	1.6	1.1	.2	.2						5.9	7.8
ESE	1.2	2.9	1.0	.4	.2							5.8	5.9
SE	1.7	3.3	2.0	.2								7.2	5.5
SSE	.7	.7	.7	.2								2.2	6.2
S	.2	1.0	1.4	.8								3.4	8.7
SSW	.4	2.0	2.3	1.4	.2							6.4	8.4
SW	.6	1.6	2.2	.9								5.2	7.4
WSW	.8	2.6	2.2	.9	.1							6.6	7.1
W	1.2	3.0	3.1	1.6	.4							9.3	7.6
WNW	.3	1.1	3.3	4.7	.4	.1						10.0	10.8
NW	.4	1.2	2.9	4.3	1.4							10.3	11.6
NNW	.1	1.3	2.6	2.7	.1							6.8	9.4

VARIABLE
 CALM
 TOTALS
 11.0 28.3 31.1 21.7 3.2 .3 100.0 7.8

TOTAL NUMBER OF OBSERVATIONS: 900

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

STATION NUMBER: 724DBB STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: NOV HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND		
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56	
N	2.1	2.7	3.0	.4									8.2	5.6
NNE	1.2	1.4	.7										3.3	4.6
NE	.3	.7	.8	.4									2.2	7.4
ENE	.2	1.0	1.0	1.9									4.1	9.4
E	.2	.9	1.1	1.0	.1								3.3	9.2
ESE	1.3	1.4	.1	.1	.1	.1							3.2	5.3
SE	1.1	1.4	.3	.3									3.2	5.1
SSE	2.3	2.1	.9	.1									5.4	8.3
S	3.0	4.6	1.3	.3	.2								9.4	5.1
SSW	1.6	3.1	1.9	.4									7.0	5.8
SW	1.6	2.8	.7	.1									5.1	8.7
WSW	1.1	1.9	.9	.1									4.0	5.1
W	1.4	2.4	1.4	.7									6.0	5.9
WNW	.7	1.6	4.1	1.7									8.0	8.4
NW	.3	2.4	3.3	2.9	.1								9.1	9.1
NNW	.9	1.6	1.9	.9									5.2	7.1

.....
 VARIABLE // 13.0 //
 CALM // 100.0 5.6
 TOTALS 19.4 32.0 23.4 11.4 .4 .2

TOTAL NUMBER OF OBSERVATIONS: 900

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: NOV HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND		
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56-59	
N	1.3	2.2	2.3	.6									6.4	6.3
NNE	.7	.6	1.3	.3									2.9	6.9
NE	.2	1.2	1.2										2.7	6.4
ENE		1.3	1.9	.9									4.1	8.7
E	.4	.7	.4	.9	.4								2.9	9.9
ESE	.3	.9	.7			.1							2.0	6.6
SE	.7	.4	.4										1.6	4.8
SSE	2.1	1.9	.3	.2									4.6	4.1
S	2.9	4.4	1.3	.6	.2	.1							9.6	5.6
SSW	2.9	3.0	2.6	.8	.1								9.3	5.8
SW	1.7	2.0	1.1	.2									5.0	5.0
WSW	2.6	1.3	.9										4.8	4.2
W	1.4	3.8	1.9	1.1	.1								8.3	6.3
WNW	.8	2.0	4.0	2.6	.1								9.4	8.7
NW	.3	2.3	3.4	1.2	.2								7.6	8.2
NNW	.9	2.1	1.8	1.1	.1								6.0	7.4

..... VARIABLE

CALM	19.2	30.2	25.7	10.4	1.3	.2							100.0	5.8	
TOTALS	////////////////////////////////////													12.9	7.7

TOTAL NUMBER OF OBSERVATIONS: 900

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 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	56-65		
N	2.0	2.6	3.1	1.0	.0							8.7	6.5
NNE	.8	1.5	1.4	.2								3.9	6.0
NE	.3	1.0	1.2	.2								2.7	7.0
ENE	.3	1.2	1.4	1.1	.0							4.0	8.3
E	.7	1.1	1.1	1.0	.3	.1						4.3	8.7
ESE	.8	1.2	.7	.1	.0	.0						2.8	5.6
SE	.7	1.1	.5	.1								2.5	5.3
SSE	1.0	1.1	.4	.1								2.5	4.7
S	1.9	2.5	1.2	.5	.1	.0						6.3	5.9
SSW	1.4	2.1	2.3	1.0	.1							7.0	7.0
SW	1.2	2.0	1.9	.9	.1							6.2	6.8
WSW	1.4	1.9	1.4	.5	.0							5.2	5.8
W	1.4	3.1	3.0	2.1	.2	.0						9.9	7.7
WNW	.6	2.0	3.5	2.8	.5	.1						9.3	9.5
NW	.5	1.9	2.9	2.7	.5							8.5	9.6
NNW	.6	1.6	2.1	1.8	.2							6.3	8.7

VARIABLE
 CALM
 TOTALS

15.8 27.8 28.0 16.2 2.2 .2
 9.8
 100.0 6.7

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
 USAFETA C FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MA C

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: DEC HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS												TOTAL	MEAN WIND SPEED		
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	GE 56				
N	2.2	1.4	3.0	1.2											7.7	6.7
NNE	.8	1.3	1.6	.2											3.9	6.4
NE	.2	.4	.4	.1											1.2	6.8
ENE	.2	1.0	1.0												2.2	6.1
E	.2	.8		.6											1.6	6.6
ESE	.3	.9													1.2	6.4
SE	1.0	.9	.2												2.0	3.8
SSE	1.0	.3	.1												1.4	3.6
S	2.5	2.7	.8	.5											6.5	6.9
SSW	2.9	3.1	2.5	1.3											9.8	6.3
SW	1.3	1.0	2.2	1.7	.1										6.2	8.1
MSW	1.6	2.2	1.3	.6		.1									5.8	6.0
W	1.4	2.3	2.9	1.5	1.1	.2									9.4	9.1
MNW	.9	2.7	4.0	2.7	.9	.1									11.2	9.4
NW	1.0	2.6	2.5	2.2	.9										9.0	8.9
MNW	1.1	1.9	1.8	.6	.4										5.9	7.5

VARIABLE
 CALM 15.1
 TOTALS 18.4 25.3 24.2 13.3 3.3 .4 100.0 6.2

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: DEC HOURS(LST): 0300-0500

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			56
N	2.5	3.7	2.0	1.0								9.1	5.8
NNE	.9	1.7	1.2	.4								4.2	6.2
NE	.3	1.0	.6									1.9	5.6
ENE	.1	.8	.5	.4								1.8	8.1
E	.6	.4	.3	.5								1.9	6.8
ESE	.1		.5									.6	6.8
SE	.3	.5	.1									1.0	4.3
SSE	.6	.5	.2	.1								1.5	4.8
S	3.1	3.2	.4	.5								7.3	4.5
SSW	1.7	3.0	2.3	1.7	.2							8.9	7.1
SW	1.1	2.0	1.6	1.0		.1						5.8	7.3
WSW	2.3	1.8	2.4	.2								6.7	5.5
W	1.0	2.9	3.5	1.4	1.1	.2						10.1	9.0
WNW	.8	2.6	2.8	2.9	.6	.2						9.9	9.6
NW	1.2	2.5	1.8	2.0	.1	.1						7.7	8.1
NNW	1.0	2.2	2.7	1.3	.1	.2						7.4	8.0

VARIABLE

CALM	17.5	28.8	23.1	13.5	2.2	.9						14.0	7.7
TOTALS												100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTHS: DEC HOURS(IST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	
N	1.9	3.5	1.8	1.4				8.7
NNE	.9	1.4	1.4					3.7
NE	.4	.5	.9	.1				1.9
ENE	.5	1.0	.8	.1				2.4
E	.5	.1	.6	.8				2.0
ESE	.1	.5	.1					.8
SE	.2	.6	.4	.1				1.4
SSE	.3	.9	.1	.1				1.4
S	1.3	2.9	.4	.8				5.4
SSW	2.2	3.9	1.9	1.5	.4			9.9
SW	1.3	2.2	2.2	.6	.5			6.8
WSW	1.7	1.1	1.2	.3				4.3
W	2.6	2.9	3.8	1.4	.6			11.3
WNW	1.0	1.6	2.3	2.3	.9	.2		8.2
NW	.4	1.6	2.7	2.4	.4	.3	.1	8.0
NNW	1.5	4.3	3.1	.9	.3	.1		10.2

..... VARIABLE
 CALM 15.8
 TOTALS 16.9 29.0 23.7 12.7 3.2 .6 .1 100.0 6.3

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 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	56			
N	1.4	2.5	3.7	2.7	.2								10.4	8.2
NNE	.6	.9	2.4	.5									9.4	7.2
NE	.5	1.0	.9	.1									2.5	6.0
ENE	.5	1.6	1.1	.3									3.5	5.9
E	.2	1.5	1.4	.5									3.7	7.2
ESE	.5	.1	.3										1.0	8.3
SE	.4	.1	.3	.1									1.0	6.2
SSE	.3	.3	.2	.1									1.0	5.8
S	.9	2.7	1.2	.3									5.1	5.9
SSW	.9	1.7	2.3	2.2	.2	.2							7.4	9.1
SW	1.1	1.8	3.1	3.2	.3								9.6	9.1
WSW	.6	1.6	1.7	.6									4.6	7.0
W	1.5	2.3	3.3	2.8	.6	.1							10.6	8.8
WNW	.8	1.0	2.5	2.9	1.7	1.0							9.8	12.6
NW	.1	.9	2.4	4.3	1.5	.3							9.5	12.5
NMW	.2	1.5	2.9	3.3	1.8	.2							10.0	11.5

VARIABLE
 CALM
 TOTALS
 10.1 21.8 29.4 24.3 6.6 1.8
 6.0
 100.0 8.7

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: DEC HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56
N	1.0	1.6	3.3	2.9	.3							9.1	9.2
NNE	.4	1.0	.8	.1								2.3	6.2
NE	.2	.6	.5	.2								1.6	6.6
ENE	.3	1.4	1.3	.2	.1							3.3	6.5
E	.6	1.9	1.2	.4								4.2	6.4
ESE	.6	.6	1.0	.1								2.4	6.1
SE	.4	1.4	.6	.4								2.9	6.5
SSE	.4	.3	.1									.9	3.8
S	.3	.8	1.2	.5	.1							2.9	7.9
SSW	.6	1.4	4.2	3.1	.1	.1						9.6	9.5
SW	.4	1.4	3.0	3.1	.8							8.7	10.4
WSW	.8	1.7	2.6	1.0								6.0	7.6
W	1.1	1.9	4.3	3.8	.2	.2						11.5	9.3
WNW	.1	1.3	3.1	4.3	1.6	1.4						11.8	13.2
NW	.3	.9	2.2	3.8	1.9	.8						9.8	13.1
NNW	.3	1.6	2.5	3.8	1.9	.2						10.3	11.7

VARIABLE
 CALM
 TOTALS 8.1 19.9 31.8 27.7 7.1 2.7 100.0 9.6

TOTAL NUMBER OF OBSERVATIONS: 930

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: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 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	1.5	3.5	2.7	1.8	.1							9.7	6.9
NNE	.8	.6	1.4	.2								3.0	6.1
NE		.3	.1									.4	5.5
ENE	.9	.3	.9	.1								2.2	5.8
E	1.2	2.0	1.5	.6	.2							5.6	6.8
ESE	2.0	2.2	.4	.1								4.7	4.2
SE	1.0	1.3	.3	.3								2.9	5.3
SSE	.5	.8	.3									1.6	4.1
S	.9	1.2	1.3	.8	.1							4.2	7.6
SSW	.4	2.8	3.4	1.9	.3							8.9	8.6
SW	1.1	1.7	1.2	1.3	.2	.1						5.6	8.1
WSW	1.1	2.3	1.6	.5	.1							5.6	6.4
W	1.3	3.0	3.3	2.0	.3							10.0	8.0
WNW	.3	2.6	3.4	4.6	1.2	1.3	.1					13.5	12.1
NW	.3	.6	2.5	3.5	.9	.3						8.2	12.0
NNW	.8	1.9	3.2	2.6	.4	.1						9.0	9.5

VARIABLE
 CALM // 4.8 //////////////
 TOTALS 14.0 27.2 27.6 20.5 3.8 1.9 .1 100.0 8.0

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTHS: DEC HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			56
N	2.5	2.2	2.4	.8								7.7	6.0
NNE	.5	.9	.8	.2								2.4	6.4
NE		.4	.4	.1								1.0	7.6
ENE	.1	.5	.9	.1								1.6	6.9
E	.9	.8	.3	.3	.2							2.5	6.7
ESE	1.0	.9										1.8	3.5
SE	1.8	1.3	.4									3.5	3.9
SSE	2.4	1.7	.6									4.7	3.9
S	2.7	2.6	1.0	.5								6.8	5.1
SSW	2.0	2.9	3.0	1.4	.4	.1						9.9	7.5
SW	.5	.9	1.2	.6	.4							3.7	8.6
WSW	1.6	1.3	.9	.4								4.2	5.3
W	1.4	2.5	2.4	1.4	.2							7.8	7.3
WNW	1.2	1.5	2.7	3.8	.6	.4						10.2	10.6
NW	.5	2.4	3.2	1.1	.6	.1						8.0	8.7
NNW	1.6	2.7	1.9	1.8	.2							8.3	7.3

VARIABLE
 CALM
 TOTALS

15.9
 100.0
 5.9
 20.8 25.3 22.0 12.6 2.8 .6
 TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724089 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: DEC HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL &	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.2	2.4	2.4	1.0								6.9	6.8
NNE	.5	1.0	1.1	.5								3.1	6.9
NE	.1	.3	.6									1.1	7.3
ENE	.1	.6	.8	.2								1.7	6.8
E	.5	.2	.5	.5	.1							1.9	8.2
ESE	.4	.4	.3	.1								1.3	5.3
SF	1.2	.4										1.6	3.0
SSE	1.4	1.0	.3									2.7	3.8
S	3.2	3.8	1.7	.3								9.0	5.0
SSW	1.7	2.0	2.7	1.1	.2	.1						7.8	7.3
SW	1.8	1.8	1.3	1.8	.1							6.9	7.1
WSW	.5	.9	.4	.1								1.9	4.9
W	1.4	2.7	2.5	2.7	.4	.2						9.9	8.5
WNW	.5	1.7	4.0	3.3	.6	.1						10.3	9.9
NW	.6	2.8	2.7	1.8	.4	.2						8.6	9.0
NNW	1.3	2.2	2.0	1.4	.1							7.0	7.7

VARIABLE
 CALM
 TOTALS 16.7 24.2 23.3 14.9 1.9 .8
 18.2
 100.0 6.0

TOTAL NUMBER OF OBSERVATIONS: 930

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

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 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			56
N	1.8	2.6	2.7	1.6	.1							8.7	7.1
NNE	.7	1.1	1.3	.3								3.4	6.4
NE	.2	.6	.6	.1								1.5	6.3
ENE	.3	.9	.9	.2	.0							2.3	6.3
E	.6	1.0	.7	.6	.1							2.9	7.2
ESE	.6	.8	.3	.1								1.7	5.0
SE	.8	.8	.3	.1	.0							2.0	4.9
SSE	.9	.7	.3	.0								1.9	4.2
S	1.9	2.5	1.0	.5	.0	.0						5.9	5.5
SSW	1.6	2.6	2.8	1.8	.2	.1						9.0	7.7
SW	1.1	1.6	2.0	1.7	.3	.0						6.7	8.4
WSW	1.3	1.6	1.5	.5	.0	.0						4.9	6.1
W	1.5	2.6	3.3	2.1	.6	.1						10.1	8.4
WNW	.7	1.9	3.1	3.3	1.0	.6	.0					10.6	11.0
NW	.6	1.8	2.5	2.6	.8	.3	.0					8.6	10.4
NWW	1.0	2.3	2.5	2.0	.7	.1						8.5	9.0

VARIABLE
 CACM
 TOTALS 15.3 25.2 25.6 17.5 3.9 1.2 .0 100.0 7.1

TOTAL NUMBER OF OBSERVATIONS: 7440

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

STATION NUMBER: 724080 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-86
 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	1.9	3.6	4.8	2.5	.4	.1	.0					13.3	7.8
NNE	1.0	2.3	3.3	1.5	.3	.0						8.4	7.9
NE	.8	2.2	3.2	1.1	.1	.0	.0					7.5	7.9
ENE	.8	1.9	2.7	1.8	.3	.1	.1					7.6	8.8
E	1.1	2.2	2.3	1.8	.4	.1						7.9	8.5
ESE	1.2	1.9	1.1	.6	.1	.0						4.8	6.3
SE	1.2	1.9	1.4	.4	.0							5.0	6.0
SSE	1.1	1.2	.7	.2	.0							3.2	5.4
S	1.7	1.6	1.0	.6	.1	.0						5.0	6.1
SSW	1.0	1.4	1.3	.8	.1	.0						4.6	7.0
SW	.9	1.2	1.0	.8	.1	.0	.0					4.1	7.7
WSW	.8	1.0	.9	.3	.0	.0						3.0	6.2
W	1.0	1.2	1.0	.6	.1	.0						3.9	7.0
WNW	.6	.7	.9	.7	.2	.0	.0					3.1	8.6
NW	.5	.9	.9	.8	.2	.1	.0					3.5	9.2
NNW	.8	1.3	1.8	.8	.1	.0						4.9	7.5

VARIABLE
 CALM
 TOTALS
 16.6 26.3 28.3 15.1 2.7 .6 .1 .0
 10.2
 100.0 6.8

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 5-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
NO CEILING					95.4					96.9						
										98.3						
																100.0

EXAMPLE # 1

Read ceiling values independently of visibility under column at right headed ≥ 0 .
 For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
 Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2

Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
 Visibility ≥ 3 miles = 95.4%.
 Visibility ≥ 2 miles = 96.9%.
 Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3

To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: JAN HOURS: 0000-0200

CEILING VISIBILITY IN STATUTE MILES

IN FEET	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	7.1	50.5	51.9	52.3	53.1	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 20000	7.3	55.1	56.5	56.8	57.6	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 18000	7.3	55.1	56.5	56.8	57.6	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 16000	7.3	55.2	56.6	56.9	57.7	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 14000	7.3	55.3	56.7	57.0	57.8	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 12000	7.3	56.2	57.6	58.0	58.8	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 10000	8.0	60.8	62.3	62.6	63.4	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 9000	8.1	61.4	62.9	63.2	64.1	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 8000	8.2	63.1	64.6	64.9	65.8	66.0	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 7000	8.2	64.1	65.6	65.9	66.8	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 6000	8.2	64.6	66.1	66.5	67.3	67.5	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 5000	8.2	66.9	68.5	68.9	70.0	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 4500	8.4	68.3	69.9	70.4	71.5	71.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 4000	8.5	72.5	74.2	75.1	76.2	76.5	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 3500	8.5	73.9	75.6	76.5	77.6	77.8	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 3000	8.5	76.2	78.0	79.1	80.4	80.6	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 2500	8.5	77.2	79.1	80.4	81.8	82.0	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 2000	8.5	77.7	79.8	81.1	82.8	83.1	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 1800	8.5	77.7	79.8	81.1	82.9	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 1500	8.5	78.0	80.1	81.6	84.0	84.3	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1200	8.5	78.7	81.3	82.8	85.5	86.0	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1000	8.5	78.9	81.7	83.3	86.5	87.2	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 900	8.5	79.0	82.3	83.9	87.3	88.1	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 800	8.5	79.5	82.7	84.4	88.1	88.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 700	8.5	79.8	83.2	85.1	88.8	89.7	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 600	8.5	80.0	83.5	85.4	89.1	90.0	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 500	8.5	80.2	83.9	85.8	90.5	91.7	93.4	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 400	8.5	80.4	84.1	86.0	91.0	92.2	94.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 300	8.5	80.4	84.1	86.0	91.1	92.5	94.6	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 200	8.5	80.4	84.1	86.0	91.4	92.8	95.4	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 100	8.5	80.4	84.1	86.0	91.5	92.9	95.5	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 01	8.5	80.4	84.1	86.0	91.5	92.9	95.5	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/ETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE

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

CEILING VISIBILITY IN STATUTE MILES
 IN FEET 10 6 5 4 3 2 1 1/2 1 3/4 1/2 5/16 1/4 0

NO	CEIL	1	2	3	4	5	6	GE	10	GE	1/2	1	3/4	1/2	5/16	1/4	0
GE 20000	7.6	52.2	54.5	55.4	55.5	55.6	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 18000	7.6	52.2	54.5	55.4	55.5	55.6	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 16000	7.6	52.2	54.5	55.4	55.5	55.6	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 14000	7.6	52.7	55.1	55.9	56.0	56.1	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 12000	7.8	53.4	55.8	56.7	56.8	56.9	57.2	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 10000	8.1	58.4	60.8	61.6	61.8	61.9	62.3	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 9000	8.3	58.9	61.3	62.2	62.4	62.5	62.8	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 8000	8.7	61.4	63.8	64.6	64.8	64.9	65.3	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 7000	8.7	62.6	64.9	65.8	66.0	66.1	66.5	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 6000	8.7	63.1	65.5	66.3	66.6	66.7	67.0	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 5000	8.7	65.5	68.0	69.5	69.5	69.6	70.0	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 4500	8.8	66.8	69.2	70.3	70.8	70.9	71.3	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 4000	9.1	71.6	74.3	75.5	76.2	76.3	77.0	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 3500	9.1	72.5	75.2	76.3	77.2	77.3	78.0	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 3000	9.1	74.6	77.4	78.7	80.1	80.2	80.9	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 2500	9.1	75.7	78.8	80.1	81.8	81.9	82.6	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 2000	9.1	76.6	80.0	81.5	83.2	83.5	84.4	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1800	9.1	76.8	80.3	81.8	83.7	84.0	84.8	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1500	9.1	76.9	80.4	82.3	84.6	85.2	86.0	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1200	9.1	77.6	81.2	83.1	85.9	86.5	87.4	88.2	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1000	9.1	78.2	81.8	83.9	86.9	87.4	88.7	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 900	9.1	78.2	81.9	84.0	87.1	87.6	89.1	90.1	90.2	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 800	9.1	78.6	82.4	84.6	87.8	88.4	90.0	91.0	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 700	9.1	78.7	82.9	85.3	88.5	89.0	91.0	92.0	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 600	9.1	78.7	82.9	85.5	88.8	89.5	91.4	92.5	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 500	9.1	78.9	83.3	86.2	89.8	90.5	92.6	94.1	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 400	9.1	78.9	83.3	86.2	89.9	90.6	92.9	94.6	94.9	95.5	95.7	95.8	96.0	96.0	96.0	96.0	96.0
GE 300	9.1	78.9	83.3	86.2	90.1	90.9	93.3	95.5	95.8	96.7	97.3	97.4	97.6	97.6	97.6	97.6	97.6
GE 200	9.1	78.9	83.3	86.2	90.1	90.9	94.0	96.2	96.6	97.6	98.4	98.5	98.8	98.9	98.9	98.9	98.9
GE 100	9.1	78.9	83.3	86.2	90.1	90.9	94.0	96.3	96.7	97.7	98.5	98.6	98.9	99.1	99.9	100.0	100.0
GE 0	9.1	78.9	83.3	86.2	90.1	90.9	94.0	96.3	96.7	97.7	98.5	98.6	98.9	99.1	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/IAF FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE

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

CEILING VISIBILITY IN STATUTE MILES

IN FEET	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	6.2	41.3	42.7	43.3	44.0	44.2	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 20000	6.9	46.1	47.8	48.8	49.6	49.8	49.9	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 18000	7.0	46.7	48.4	49.4	50.1	50.3	50.4	50.6	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 16000	7.0	46.9	48.6	49.6	50.3	50.5	50.6	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 14000	7.0	47.5	49.2	50.2	51.0	51.2	51.4	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 12000	7.0	48.3	50.0	51.0	51.7	51.9	52.2	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 10000	7.5	53.3	55.2	56.1	57.0	57.2	57.4	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 9000	7.6	53.7	55.5	56.5	57.3	57.5	57.7	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 8000	7.7	57.8	59.7	60.8	61.7	61.9	62.2	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 7000	8.0	59.5	61.4	62.6	63.7	63.9	64.1	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 6000	8.1	60.6	62.6	63.8	64.8	65.1	65.3	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 5000	8.3	62.7	64.9	66.2	67.3	67.5	67.7	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 4000	8.3	63.7	65.9	67.3	68.4	68.6	68.8	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 3500	8.5	69.6	72.0	73.4	74.5	74.7	75.4	76.0	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3
GE 3000	8.5	71.2	73.7	75.1	76.1	76.3	77.0	77.6	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.0
GE 2500	8.7	73.1	75.6	77.3	78.6	78.8	79.5	80.1	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4
GE 2000	8.7	73.8	77.1	78.8	80.2	80.4	81.1	81.7	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0
GE 1800	8.7	74.8	78.3	80.2	82.0	82.4	83.0	83.8	84.0	84.1	84.3	84.3	84.3	84.3	84.3	84.3
GE 1600	8.7	75.2	78.7	80.6	82.5	82.8	83.4	84.2	84.4	84.5	84.7	84.7	84.7	84.7	84.7	84.7
GE 1500	8.7	75.9	79.6	81.5	83.5	83.9	84.6	85.4	85.6	85.7	85.9	85.9	85.9	85.9	85.9	85.9
GE 1200	8.7	76.8	80.6	82.7	84.8	85.5	86.3	87.2	87.4	87.6	87.8	87.8	87.8	87.8	87.8	87.8
GE 1000	8.7	77.4	81.4	83.7	86.2	86.9	88.0	88.8	89.1	89.4	89.9	89.9	89.9	89.9	89.9	89.9
GE 900	8.7	77.6	81.7	84.3	87.0	87.8	89.0	89.9	90.2	90.4	91.1	91.1	91.1	91.1	91.1	91.1
GE 800	8.7	77.8	81.9	84.8	87.5	88.4	89.9	90.8	91.1	91.4	92.2	92.2	92.2	92.2	92.2	92.2
GE 700	8.7	78.0	82.0	84.9	87.6	88.5	90.0	90.9	91.2	91.5	92.3	92.3	92.5	92.5	92.5	92.5
GE 600	8.7	78.0	82.0	84.9	87.7	88.5	90.4	91.3	91.6	91.9	92.7	92.7	93.0	93.0	93.0	93.0
GE 500	8.7	78.2	82.5	85.5	88.5	89.7	91.6	92.5	92.8	93.1	93.9	93.9	94.2	94.2	94.2	94.2
GE 400	8.7	78.2	82.5	85.5	88.6	89.8	91.7	93.0	93.3	93.7	94.4	94.4	94.8	95.1	95.2	95.2
GE 300	8.7	78.2	82.5	85.5	88.7	89.9	92.0	93.4	94.0	94.7	95.6	95.6	96.2	96.5	96.6	96.7
GE 200	8.7	78.2	82.5	85.5	88.9	90.1	92.5	94.2	94.8	95.7	96.8	96.8	98.1	98.5	98.7	98.8
GE 100	8.7	78.2	82.5	85.5	88.9	90.1	92.5	94.2	94.8	95.9	97.0	97.0	98.6	99.0	99.2	99.7
GE 01	8.7	78.2	82.5	85.5	88.9	90.1	92.5	94.2	94.8	95.9	97.0	97.0	98.6	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: JAN HOURS(S): 0900-1100

CEILING VISIBILITY IN STATUTE MILES

IN FEET	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	6.1	41.9	42.6	43.2	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 20000	6.5	47.4	48.6	49.5	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 18000	6.5	48.0	49.1	50.0	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 16000	6.9	48.4	49.6	50.4	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 14000	6.9	49.6	50.8	51.6	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 12000	7.0	51.0	52.2	53.0	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 10000	7.4	56.3	57.8	58.6	59.4	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 9000	7.5	57.1	58.6	59.6	60.1	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 8000	7.5	61.3	62.9	64.0	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 7000	7.6	63.4	65.2	66.2	66.8	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 6000	7.8	64.4	66.1	67.4	68.1	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 5000	8.1	66.6	68.8	70.2	71.0	71.2	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 4500	8.1	67.1	69.6	71.0	71.7	71.9	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 4000	8.3	72.2	74.9	76.8	77.6	78.0	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 3500	8.3	73.3	76.1	78.2	79.0	79.4	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 3000	8.3	73.9	76.9	79.5	80.6	81.0	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 2500	8.3	74.9	78.0	80.8	81.9	82.3	82.6	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 2000	8.3	75.6	78.6	81.4	82.6	82.9	83.4	84.0	84.0	84.2	84.3	84.3	84.3	84.3
GE 1800	8.3	75.7	78.9	81.7	82.9	83.2	83.8	84.3	84.4	84.5	84.6	84.6	84.6	84.6
GE 1500	8.3	76.5	79.9	83.2	84.5	85.2	85.8	86.5	86.6	86.7	86.8	86.8	86.8	86.8
GE 1200	8.3	77.6	81.1	84.5	86.1	86.9	87.7	88.5	88.6	88.9	89.5	89.5	89.5	89.5
GE 1000	8.3	78.3	81.7	85.4	87.3	88.1	88.9	89.8	89.9	90.2	90.8	90.8	90.9	90.9
GE 900	8.3	78.4	81.9	85.6	87.6	88.6	89.5	90.3	90.5	91.0	91.5	91.6	91.6	91.6
GE 800	8.3	78.6	82.3	86.0	88.4	89.4	90.2	91.2	91.5	92.0	92.6	92.7	92.7	92.7
GE 700	8.3	78.8	82.6	86.5	88.8	89.8	90.6	91.7	92.0	92.6	93.1	93.2	93.2	93.2
GE 600	8.3	78.8	82.6	86.5	89.0	90.0	90.9	91.8	92.3	92.9	93.4	93.5	93.5	93.5
GE 500	8.3	78.8	82.6	86.5	89.1	90.4	91.4	92.8	92.9	93.5	94.2	94.9	95.2	95.2
GE 400	8.3	78.9	82.8	86.2	89.8	91.1	92.0	93.5	93.7	94.8	95.6	96.7	96.8	96.8
GE 300	8.3	78.9	82.8	87.0	90.0	91.3	92.4	94.1	94.3	95.6	96.5	97.4	97.8	97.8
GE 200	8.3	78.9	82.8	87.0	90.0	91.3	92.4	94.7	94.9	96.2	97.3	98.4	99.2	99.4
GE 100	8.3	78.9	82.8	87.0	90.0	91.3	92.4	94.7	94.9	96.2	97.3	98.4	99.4	99.8
GE 01	8.3	78.9	82.8	87.0	90.0	91.3	92.4	94.7	94.9	96.2	97.3	98.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFELAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724086 STATION NAME: COVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: JAN HOURS(LST): 1200-1400

CEILING FEET	VISIBILITY IN STATUTE MILES														
	10	6	5	4	3	2 1/2	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	6.3	41.0	41.4	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 20000	6.7	46.8	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 18000	7.0	47.6	48.2	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 16000	7.3	48.2	48.7	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 14000	7.5	49.0	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 12000	8.0	50.1	50.6	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 10000	8.2	55.4	56.3	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 9000	8.2	56.8	58.0	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 8000	8.5	60.5	61.9	62.5	62.5	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 7000	8.5	62.4	63.8	64.3	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 6000	8.5	63.8	65.2	65.7	65.9	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 5000	8.5	66.1	67.5	68.2	68.4	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 4500	8.6	67.1	69.0	69.8	70.0	70.1	70.1	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 4000	8.9	71.8	74.4	75.3	75.6	75.6	75.8	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 3500	9.1	75.2	77.8	78.9	79.2	79.2	79.5	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 3000	9.1	76.1	79.0	80.6	81.1	81.2	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GF 2500	9.4	77.5	80.4	82.2	82.8	82.9	83.2	83.3	83.4	83.7	83.7	83.7	83.8	83.8	83.8
GE 2000	9.4	77.8	80.8	82.5	83.3	83.4	83.8	84.0	84.1	84.3	84.3	84.3	84.5	84.5	84.5
GE 1800	9.4	77.8	80.8	82.5	83.3	83.4	83.8	84.0	84.1	84.3	84.3	84.3	84.5	84.5	84.5
GE 1500	9.4	78.4	81.4	83.9	84.8	85.1	85.4	85.6	85.7	86.0	86.0	86.0	86.3	86.3	86.3
GE 1200	9.4	79.7	83.4	86.0	87.1	87.7	88.1	88.3	88.4	88.6	88.6	88.6	89.2	89.2	89.2
GE 1000	9.4	80.4	84.4	87.2	88.6	89.2	89.7	89.9	90.0	90.5	90.5	90.5	91.1	91.1	91.1
GE 900	9.4	80.5	84.7	87.5	89.2	90.0	90.4	90.6	90.8	91.3	91.3	91.3	91.8	91.8	91.8
GE 800	9.4	80.9	85.1	87.8	89.8	90.5	91.0	91.2	91.3	91.8	91.9	91.9	92.5	92.5	92.5
GE 700	9.4	81.0	85.3	88.2	90.2	91.2	91.6	91.9	92.0	92.6	92.7	92.8	93.3	93.3	93.3
GE 600	9.4	81.1	85.4	88.3	90.3	91.3	91.7	92.2	92.3	92.8	92.9	93.0	93.5	93.5	93.5
GE 500	9.4	81.2	85.5	88.6	90.8	91.8	92.5	93.7	93.8	94.7	95.2	95.3	95.9	96.5	96.5
GE 400	9.4	81.2	85.5	88.6	90.8	91.9	92.7	94.0	94.1	95.1	95.5	95.6	96.3	96.5	96.9
GE 300	9.4	81.2	85.5	88.6	90.8	91.9	92.8	94.3	94.5	95.8	96.2	96.3	97.2	97.3	97.8
GE 200	9.4	81.2	85.5	88.6	90.8	91.9	93.0	94.6	94.8	96.1	96.8	96.9	97.8	98.0	98.9
GE 100	9.4	81.2	85.5	88.6	90.8	91.9	93.0	94.7	94.9	96.2	96.9	97.0	98.1	98.2	99.0
GE 01	9.4	81.2	85.5	88.6	90.8	91.9	93.0	94.7	94.9	96.2	96.9	97.0	98.1	98.2	99.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/ETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: JAN HOURS(LST): 1500-1700

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	6.5	44.3	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 20000	6.9	50.9	51.6	51.6	51.8	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 18000	7.0	51.4	52.2	52.2	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 16000	7.1	51.6	52.4	52.4	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 14000	7.1	52.9	53.7	53.7	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 12000	7.1	54.5	55.3	55.3	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 10000	7.4	58.4	59.2	59.6	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 9000	7.4	60.1	61.0	61.3	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 8000	7.5	63.1	64.3	64.8	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 7000	7.5	64.7	66.1	66.7	67.0	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 6000	7.5	66.1	67.5	68.1	68.4	68.4	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 5000	7.6	68.8	70.3	71.0	71.3	71.3	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 4500	7.7	70.0	71.6	72.3	72.6	72.6	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 4000	7.8	72.5	74.7	75.4	76.1	76.1	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 3500	8.3	75.7	78.2	79.0	79.8	79.8	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 3000	8.3	77.0	79.9	80.9	81.6	81.7	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2500	8.4	77.7	80.8	81.9	82.9	83.1	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 2000	8.4	78.6	81.8	83.2	84.3	84.5	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1800	8.4	78.6	82.0	83.4	84.7	84.9	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 1500	8.4	78.8	82.8	84.6	86.2	86.6	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1200	8.4	79.5	84.2	86.1	87.7	88.1	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1000	8.4	79.8	84.7	86.8	88.7	89.0	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 900	8.4	79.8	84.8	86.9	88.9	89.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 800	8.4	79.8	84.9	87.1	89.5	89.9	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 700	8.4	79.8	85.1	87.3	89.7	90.1	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 600	8.4	79.8	85.1	87.3	89.7	90.2	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 500	8.4	79.9	85.2	87.6	90.1	90.9	92.4	93.1	93.3	94.4	95.3	95.5	95.8	95.9	95.9	95.9
GE 400	8.4	79.9	85.2	87.6	90.3	91.3	92.9	93.9	94.2	95.4	96.2	96.5	96.8	96.9	96.9	96.9
GE 300	8.4	79.9	85.2	87.7	90.5	91.5	93.2	94.3	94.7	95.9	96.9	97.1	97.4	97.5	97.5	97.5
GE 200	8.4	79.9	85.2	87.7	90.5	91.5	93.3	94.5	95.2	96.8	98.0	98.3	98.5	98.9	99.0	99.0
GE 100	8.4	79.9	85.2	87.7	90.5	91.5	93.3	94.5	95.2	96.8	98.1	98.4	99.0	99.2	99.5	100.0
GE 0	8.4	79.9	85.2	87.7	90.5	91.5	93.3	94.5	95.2	96.8	98.1	98.4	99.0	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/CIAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: JAN HOURS(S): 1800-2000

CEILING	VISIBILITY IN STATUTE MILES																		
	10	9	8	7	6	5	4	3	2	1	1/2	1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	6.3	49.5	50.0	50.4	51.0	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 20000	7.0	54.7	55.3	55.7	56.2	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 18000	7.0	54.9	55.5	55.9	56.5	56.6	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	7.0	54.9	55.5	55.9	56.5	56.6	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	7.0	55.9	56.5	56.9	57.4	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 12000	7.0	57.2	57.7	58.2	58.7	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 10000	7.2	59.7	60.5	61.2	61.7	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 9000	7.2	60.2	61.1	61.7	62.3	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 8000	7.5	63.3	64.3	65.1	65.6	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 7000	7.5	64.2	65.2	65.9	66.5	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
GE 6000	7.6	64.9	66.0	67.2	67.7	67.8	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 5000	8.0	68.7	69.8	71.0	71.5	71.6	71.8	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 4500	8.0	69.1	70.4	71.6	72.2	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	72.5
GE 4000	8.0	73.1	75.1	76.3	77.3	77.4	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 3500	8.0	74.8	77.3	78.6	79.8	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 3000	8.0	76.1	78.8	80.1	81.4	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 2500	8.0	77.2	80.2	81.5	82.8	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 2000	8.0	78.0	81.6	83.2	84.7	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1800	8.0	78.3	81.9	83.8	85.4	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 1500	8.0	78.7	82.6	84.5	86.2	86.3	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1200	8.0	78.9	83.1	85.1	86.9	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1000	8.0	79.1	83.7	86.1	88.0	88.2	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 900	8.0	79.1	83.8	86.3	88.2	88.4	88.7	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 800	8.0	79.2	84.0	87.0	89.6	89.6	89.9	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 700	8.0	79.5	84.3	87.6	90.2	90.4	90.8	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 600	8.0	79.5	84.3	88.0	90.5	90.8	91.1	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 500	8.0	79.6	84.4	88.2	91.1	91.4	92.4	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 400	8.0	79.8	84.6	88.6	91.9	92.3	93.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 300	8.0	79.8	84.6	88.6	91.9	92.4	93.7	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 200	8.0	79.8	84.6	88.6	92.0	92.5	93.9	95.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 100	8.0	79.8	84.6	88.6	92.0	92.5	94.0	95.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE CI	8.0	79.8	84.6	88.6	92.0	92.5	94.0	95.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: JAN HOURS(LST): 2100-2300

CEILING VISIBILITY IN STATUTE MILES

IN FEET	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	6.0	49.7	50.8	51.4	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 2000	6.8	55.6	56.7	57.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 1800	6.8	55.9	57.0	57.6	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 1600	6.9	56.0	57.1	57.7	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 1400	6.9	56.2	57.3	58.0	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 1200	7.2	57.5	58.7	59.4	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 1000	7.4	60.6	62.0	62.7	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 900	7.4	61.0	62.4	63.0	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 800	7.4	63.2	64.7	65.4	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 700	7.5	64.3	65.9	66.6	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 600	7.5	65.6	67.2	68.1	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 500	7.5	69.1	70.9	71.7	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 450	7.5	70.0	71.7	72.6	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 400	7.5	74.4	76.5	77.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 350	7.6	76.7	79.0	79.9	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 300	7.6	78.1	80.5	81.4	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 250	7.7	78.5	81.0	81.8	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 200	7.7	79.4	82.2	83.4	84.4	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 180	7.7	79.9	82.7	84.0	84.9	85.1	85.3	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 150	7.7	80.2	83.4	85.1	86.1	86.2	86.6	86.7	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.1
GE 120	7.7	80.5	83.9	85.5	86.8	87.0	87.3	87.4	87.4	87.7	87.8	87.8	87.8	87.8	87.8	87.8
GE 100	7.7	80.9	84.4	86.0	87.5	87.7	88.2	88.7	88.7	89.2	89.5	89.5	89.5	89.5	89.5	89.5
GE 90	7.7	81.0	84.5	86.3	88.0	88.2	88.6	89.1	89.1	89.7	89.9	89.9	89.9	89.9	89.9	89.9
GE 80	7.7	81.0	84.5	86.3	88.2	88.5	88.9	89.5	89.5	90.0	90.3	90.3	90.3	90.3	90.4	90.4
GE 70	7.7	81.1	84.8	86.7	88.5	88.8	89.2	89.9	90.0	90.5	90.9	91.0	91.0	91.0	91.1	91.1
GE 60	7.8	81.4	85.2	87.1	88.9	89.2	89.9	90.5	90.9	91.4	91.7	91.7	91.8	91.8	91.9	91.9
GE 50	7.8	81.5	85.3	87.3	89.7	90.3	91.0	91.6	92.2	92.9	93.2	93.2	93.3	93.3	93.4	93.4
GE 40	7.8	81.8	85.6	87.6	90.5	91.5	92.4	93.5	94.2	94.9	95.5	95.6	95.7	95.7	95.8	95.8
GE 30	7.8	81.8	85.7	87.8	91.2	92.2	93.2	94.5	95.4	96.1	97.1	97.4	97.6	97.6	97.7	97.7
GE 20	7.8	81.8	85.7	87.8	91.5	92.6	93.7	95.1	95.9	96.7	97.6	98.0	98.2	98.2	98.3	98.3
GE 10	7.8	81.8	85.7	87.8	91.5	92.6	93.7	95.1	95.9	96.7	97.8	98.2	98.8	98.8	99.2	99.8
GE 0	7.8	81.8	85.7	87.8	91.5	92.6	93.7	95.1	95.9	96.7	97.8	98.2	98.8	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: JAN HOURS(LST): ALL

CEILING	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	6.5	45.6	46.6	47.1	47.5	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 20000	6.9	51.1	52.3	52.8	53.3	53.4	53.5	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 18000	7.0	51.5	52.7	53.2	53.7	53.8	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 16000	7.1	51.7	52.9	53.4	53.9	54.0	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 14000	7.2	52.4	53.6	54.2	54.6	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 12000	7.3	53.5	54.7	55.3	55.8	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 10000	7.6	57.9	59.3	59.9	60.4	60.5	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 9000	7.7	58.6	60.1	60.7	61.2	61.3	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 8000	7.9	61.7	63.3	64.0	64.5	64.6	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 7000	7.9	63.1	64.8	65.5	66.0	66.1	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 6000	8.0	64.2	65.8	66.6	67.2	67.3	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 5000	8.1	66.8	68.6	69.5	70.2	70.3	70.5	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 4500	8.2	67.8	69.7	70.7	71.3	71.4	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 4000	8.3	72.2	74.5	75.6	76.5	76.6	76.9	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 3500	8.4	74.2	76.6	77.8	78.7	78.8	79.2	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 3000	8.5	75.6	78.3	79.7	80.8	80.9	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 2500	8.5	76.6	79.4	80.9	82.1	82.3	82.7	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 2000	8.5	77.3	80.4	82.1	83.4	83.7	84.2	84.5	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.8
GE 1800	8.5	77.5	80.6	82.4	83.8	84.0	84.6	84.9	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2
GE 1500	8.5	77.9	81.3	83.3	85.0	85.3	85.9	86.3	86.3	86.5	86.5	86.5	86.7	86.7	86.7	86.7
GE 1200	8.5	78.7	82.4	84.5	86.4	86.8	87.5	87.9	88.0	88.2	88.3	88.3	88.4	88.4	88.4	88.4
GE 1000	8.5	79.1	83.0	85.3	87.5	88.0	88.8	89.3	89.4	89.7	89.9	89.9	90.1	90.1	90.1	90.1
GE 900	8.5	79.2	83.2	85.6	87.9	88.5	89.3	89.9	90.3	90.6	90.6	90.7	90.7	90.8	90.8	90.8
GE 800	8.5	79.4	83.5	86.0	88.6	89.2	90.1	90.6	90.7	91.1	91.4	91.6	91.6	91.6	91.6	91.6
GE 700	8.5	79.6	83.8	86.4	89.0	89.7	90.7	91.3	91.5	91.9	92.2	92.3	92.5	92.5	92.6	92.6
GE 600	8.5	79.7	83.9	86.6	89.3	90.0	91.0	91.7	91.8	92.3	92.6	92.7	92.9	92.9	93.0	93.0
GE 500	8.5	79.8	84.1	87.0	89.9	90.8	92.2	93.1	93.3	94.0	94.5	94.5	94.8	94.9	94.9	94.9
GE 400	8.5	79.9	84.2	87.1	90.3	91.3	92.8	94.0	94.3	95.1	95.6	95.7	96.1	96.2	96.3	96.3
GE 300	8.5	79.9	84.2	87.2	90.5	91.6	93.2	94.7	95.1	96.0	96.7	96.9	97.3	97.4	97.5	97.5
GE 200	8.5	79.9	84.2	87.2	90.7	91.7	93.5	95.2	95.7	96.8	97.6	97.8	98.4	98.5	98.7	98.8
GE 100	8.5	79.9	84.2	87.2	90.7	91.7	93.5	95.3	95.8	96.9	97.8	98.0	98.8	99.0	99.4	99.9
GE 0	8.5	79.9	84.2	87.2	90.7	91.7	93.5	95.3	95.8	96.9	97.8	98.0	98.8	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/ETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: FEB HOURS(LST): 0000-0200

CEILING VISIBILITY IN STATUTE MILES

IN FEET	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	5.6	50.0	51.8	52.1	52.6	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.2	53.2
GE 20000	5.6	54.1	55.9	56.3	57.0	57.4	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.7
GE 18000	5.6	54.1	55.9	56.3	57.1	57.2	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.8
GE 16000	5.6	54.1	55.9	56.3	57.1	57.2	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.8
GE 14000	5.6	54.7	56.5	56.9	57.7	57.8	58.2	58.2	58.3	58.3	58.3	58.3	58.4	58.4
GE 12000	5.6	55.2	57.0	57.3	58.3	58.4	58.7	58.7	58.9	58.9	58.9	58.9	59.0	59.0
GE 10000	5.7	58.3	60.2	60.5	61.6	61.7	62.2	62.2	62.3	62.3	62.3	62.3	62.4	62.4
GE 9000	5.7	58.9	60.8	61.1	62.2	62.3	62.8	62.8	62.9	62.9	62.9	62.9	63.0	63.0
GE 8000	5.9	60.3	62.4	63.0	64.1	64.2	64.7	64.7	64.8	64.8	64.8	64.8	64.9	64.9
GE 7000	6.0	61.3	63.9	64.5	65.6	65.7	66.2	66.2	66.3	66.3	66.3	66.3	66.4	66.4
GE 6000	6.0	61.8	64.4	65.0	66.1	66.2	66.7	66.7	66.8	66.8	66.8	66.8	66.9	66.9
GE 5000	6.1	65.4	68.0	68.6	69.6	69.7	70.2	70.2	70.3	70.3	70.3	70.3	70.4	70.4
GE 4500	6.1	66.2	68.8	69.4	70.4	70.6	71.0	71.0	71.2	71.2	71.2	71.2	71.3	71.3
GE 4000	6.1	69.6	73.0	73.6	74.8	75.1	75.5	75.5	75.7	75.7	75.7	75.7	75.8	75.8
GE 3500	6.3	70.8	74.7	75.3	76.7	77.0	77.5	77.5	77.7	77.7	77.7	77.7	77.8	77.8
GE 3000	6.3	71.6	75.7	76.2	77.8	78.0	78.7	78.7	78.8	78.8	78.8	78.8	79.0	79.0
GE 2500	6.4	72.2	76.6	77.4	79.2	79.4	80.1	80.3	80.4	80.4	80.4	80.4	80.5	80.5
GE 2000	6.4	73.0	77.8	78.7	80.7	81.0	81.9	82.0	82.2	82.2	82.2	82.2	82.3	82.3
GE 1800	6.4	73.6	78.5	79.4	81.4	81.7	82.6	82.7	82.9	82.9	82.9	82.9	83.0	83.0
GE 1500	6.4	73.8	78.8	79.8	81.8	82.0	83.1	83.1	83.3	83.5	83.5	83.5	83.6	83.6
GE 1200	6.4	74.5	79.6	80.5	82.5	82.7	83.7	84.0	84.2	84.5	84.8	84.8	84.9	84.9
GE 1000	6.4	74.5	79.8	80.7	83.0	83.5	84.5	84.9	85.0	85.5	85.7	85.7	85.8	85.9
GE 900	6.4	74.6	79.9	80.9	83.1	83.6	84.6	85.0	85.1	85.7	85.9	85.9	86.1	86.2
GE 800	6.4	74.7	80.0	81.0	83.2	83.7	85.0	85.3	85.5	86.3	86.5	86.5	86.6	86.8
GE 700	6.4	74.7	80.0	81.2	83.6	84.2	85.6	85.9	86.1	87.1	87.4	87.5	87.6	87.7
GE 600	6.4	74.7	80.1	81.3	83.7	84.3	85.8	86.2	86.3	87.4	87.6	87.7	87.8	87.9
GE 500	6.4	74.7	80.3	81.6	84.6	85.3	88.2	88.3	89.4	89.8	90.2	90.2	90.3	90.4
GE 400	6.4	74.7	80.4	81.7	85.1	85.9	89.2	89.5	90.5	91.0	91.4	91.4	91.5	91.6
GE 300	6.4	74.7	80.5	82.0	85.7	86.6	89.4	90.7	91.0	92.7	93.3	94.1	94.6	94.7
GE 200	6.4	74.7	80.5	82.0	86.1	87.4	90.1	91.6	92.3	94.4	95.3	96.1	96.6	97.0
GE 100	6.4	74.7	80.5	82.0	86.1	87.4	90.2	91.8	92.6	94.7	95.5	96.5	97.4	99.8
GE 0	6.4	74.7	80.5	82.0	86.1	87.4	90.2	91.8	92.6	94.7	95.5	96.5	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: FEB HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	10	9	8	7	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	5.0	49.1	50.7	51.3	51.8	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9	52.0	52.1	52.1
GE 20000	5.2	52.8	54.6	55.2	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.9	56.0	56.0
GE 18000	5.2	52.8	54.6	55.2	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.1	56.3	56.3
GE 16000	5.2	52.8	54.6	55.2	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.3	56.3
GE 14000	5.2	53.2	55.0	55.6	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.5	56.6	56.6	56.6
GE 12000	5.3	54.4	56.4	57.0	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.2	58.3	58.3	58.3
GE 10000	5.7	57.7	59.8	60.4	61.3	61.3	61.3	61.3	61.3	61.7	61.8	61.9	61.9	61.9	61.9	62.1	62.2	62.3
GE 9000	5.7	58.0	60.2	60.8	61.7	61.7	61.7	61.7	61.7	62.1	62.2	62.3	62.3	62.3	62.3	62.4	62.5	62.6
GE 8000	5.8	59.8	61.9	62.5	63.7	63.7	63.7	63.7	63.7	64.1	64.3	64.4	64.4	64.4	64.5	64.7	64.8	64.8
GE 7000	6.0	61.3	63.6	64.2	65.4	65.4	65.4	65.4	65.4	65.7	66.0	66.1	66.1	66.1	66.2	66.3	66.4	66.4
GE 6000	6.1	61.9	64.2	64.8	66.0	66.0	66.0	66.0	66.0	66.3	66.5	66.7	66.7	66.7	66.8	66.9	67.0	67.0
GE 5000	6.1	64.5	66.8	67.4	68.6	68.7	68.7	68.7	68.7	69.1	69.4	69.5	69.5	69.5	69.6	69.7	69.9	69.9
GE 4500	6.1	65.6	68.0	68.7	69.9	70.0	70.4	70.4	70.4	70.7	70.8	70.8	70.8	70.8	70.9	71.0	71.2	71.2
GE 4000	6.3	69.0	72.0	72.8	74.2	74.6	75.4	75.4	75.7	75.8	75.8	75.8	75.8	75.8	75.9	76.0	76.1	76.1
GE 3500	6.6	70.0	73.0	73.9	75.7	76.0	76.8	76.8	77.2	77.3	77.3	77.3	77.3	77.4	77.5	77.7	77.7	77.7
GE 3000	6.6	71.9	74.9	75.8	77.7	78.0	78.8	78.8	79.4	79.6	79.6	79.6	79.6	79.6	79.7	79.8	79.9	79.9
GE 2500	6.6	72.1	75.4	76.5	78.8	79.3	80.1	80.1	80.7	80.9	80.9	80.9	80.9	81.0	81.1	81.2	81.2	81.2
GE 2000	6.6	72.7	76.1	77.3	79.7	80.3	81.1	81.1	81.7	81.8	81.8	81.8	81.8	81.9	82.0	82.2	82.2	82.2
GE 1800	6.6	72.8	76.2	77.4	79.8	80.4	81.2	81.2	81.8	81.9	81.9	81.9	81.9	82.0	82.2	82.3	82.3	82.3
GE 1500	6.6	73.2	76.7	77.9	80.3	80.9	81.7	82.3	82.3	82.4	82.4	82.4	82.4	82.5	82.6	82.7	82.7	82.7
GE 1200	6.6	73.4	77.4	78.6	81.2	81.8	82.7	83.3	83.3	83.5	83.5	83.5	83.5	83.6	83.7	83.8	83.8	83.8
GE 1000	6.6	73.6	77.8	79.0	81.7	82.3	83.3	84.0	84.0	84.2	84.3	84.3	84.3	84.4	84.5	84.6	84.6	84.6
GE 900	6.6	73.8	78.0	79.3	82.0	82.6	83.8	84.5	84.5	84.6	84.7	84.9	84.9	85.0	85.1	85.2	85.2	85.2
GE 800	6.6	73.9	78.1	79.4	82.6	83.2	84.6	85.5	85.5	85.6	85.7	86.1	86.1	86.2	86.3	86.4	86.4	86.4
GE 700	6.6	74.0	78.3	79.8	83.1	83.7	85.5	86.3	86.4	86.6	86.6	87.1	87.1	87.2	87.4	87.5	87.5	87.5
GE 600	6.6	74.1	78.5	80.0	83.3	83.9	85.7	86.5	86.6	86.9	87.4	87.4	87.5	87.6	87.7	87.8	87.8	87.8
GE 500	6.6	74.1	78.6	80.1	84.3	85.1	87.4	88.4	88.4	88.7	89.0	89.5	89.5	89.6	89.7	89.8	90.1	90.1
GE 400	6.6	74.2	78.7	80.4	85.1	86.2	89.0	90.2	90.4	90.8	91.4	91.4	91.6	91.6	91.8	92.0	92.3	92.3
GE 300	6.6	74.3	79.0	80.5	85.2	86.3	89.6	91.0	91.6	92.0	92.8	92.8	93.4	93.7	94.0	94.3	94.3	94.3
GE 200	6.6	74.3	79.0	80.6	85.6	86.6	90.1	91.6	92.6	93.3	94.1	94.1	94.8	95.2	95.5	96.2	96.2	96.2
GE 100	6.6	74.3	79.0	80.6	85.8	87.0	90.4	92.0	92.9	94.1	95.3	95.3	96.5	96.9	97.3	99.8	99.8	99.8
GE 01	6.6	74.3	79.0	80.6	85.8	87.0	90.4	92.0	92.9	94.1	95.3	95.3	96.5	96.9	97.3	100.0	100.0	100.0

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86

MONTH: FEB HOURS(SLT): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	10	9	8	7	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	3.9	44.9	46.8	47.8	48.6	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.2	49.2	49.3	49.3	49.5
GE 20000	4.0	49.9	52.1	53.5	54.5	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.2	55.2	55.2	55.2	55.4
GE 18000	4.0	49.9	52.1	53.7	54.7	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.3	55.4	55.4	55.4	55.7
GE 16000	4.1	50.0	52.4	53.9	55.0	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.6	55.6	55.7	55.7	55.7	55.9
GE 14000	4.1	50.5	52.8	54.4	55.4	55.8	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.1	56.1	56.1	56.4
GE 12000	4.1	50.7	53.1	54.8	56.0	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.7	56.7	56.9	57.1
GE 10000	4.3	54.1	57.0	59.1	60.6	61.0	61.1	61.1	61.1	61.1	61.1	61.2	61.3	61.3	61.5	61.5	61.6	61.8
GE 9000	4.5	54.4	57.2	59.3	60.9	61.2	61.3	61.3	61.3	61.3	61.3	61.5	61.6	61.6	61.7	61.8	61.8	62.1
GE 8000	4.6	56.9	59.9	62.2	63.7	64.1	64.2	64.3	64.3	64.3	64.3	64.4	64.5	64.5	64.7	64.8	64.8	65.0
GE 7000	4.7	58.3	61.5	63.8	65.6	66.0	66.1	66.2	66.2	66.2	66.2	66.3	66.4	66.4	66.5	66.7	66.7	66.9
GE 6000	4.7	58.5	61.8	64.4	66.3	66.7	66.8	66.9	66.9	66.9	67.0	67.1	67.1	67.3	67.4	67.4	67.4	67.6
GE 5000	4.7	60.6	64.1	66.7	68.6	68.9	69.4	69.5	69.5	69.5	69.5	69.6	69.9	69.9	70.0	70.1	70.1	70.4
GE 4500	4.7	61.0	64.5	67.1	69.0	69.4	69.9	70.0	70.0	70.0	70.0	70.1	70.3	70.3	70.4	70.6	70.6	70.9
GE 4000	4.7	64.4	68.6	71.5	73.4	73.8	74.6	74.8	74.8	74.8	74.8	75.1	75.3	75.3	75.4	75.5	75.5	75.9
GE 3500	4.8	65.2	69.5	72.5	74.3	74.8	75.9	76.1	76.1	76.1	76.1	76.5	76.8	76.8	77.1	77.2	77.2	77.5
GE 3000	5.1	66.3	70.9	73.9	75.9	76.4	77.4	77.8	77.8	77.8	77.8	78.4	78.7	78.7	79.0	79.1	79.1	79.4
GE 2500	5.1	66.7	71.3	74.3	76.4	76.8	77.9	78.3	78.3	78.3	78.3	78.8	79.2	79.2	79.4	79.6	79.6	79.9
GE 2000	5.1	66.8	71.5	74.6	77.0	77.5	78.7	79.1	79.1	79.1	79.1	79.7	80.0	80.0	80.3	80.4	80.4	80.7
GE 1800	5.1	66.8	71.5	74.6	77.0	77.5	78.7	79.1	79.1	79.1	79.1	79.7	80.0	80.0	80.3	80.4	80.4	80.7
GE 1500	5.1	66.9	71.7	74.8	77.2	77.8	79.0	79.3	79.3	79.3	79.3	79.9	80.3	80.3	80.5	80.6	80.6	81.0
GE 1200	5.1	67.0	72.0	75.1	77.4	78.3	79.6	80.0	80.0	80.0	80.0	80.7	81.4	81.4	81.7	81.8	81.8	82.2
GE 1000	5.1	67.1	72.5	75.7	78.1	79.0	80.3	80.7	80.7	80.7	80.7	81.4	82.2	82.2	82.4	82.6	82.6	83.0
GE 900	5.1	67.1	72.6	75.8	78.4	79.2	80.7	81.2	81.2	81.2	81.2	81.9	82.6	82.6	82.9	83.1	83.1	83.5
GE 800	5.1	67.3	72.8	76.2	79.3	80.3	81.9	82.4	82.4	82.4	82.4	83.1	83.8	83.8	84.0	84.3	84.3	84.6
GE 700	5.1	67.3	72.9	76.5	79.8	81.0	82.7	83.2	83.2	83.2	83.2	83.9	84.6	84.6	84.9	85.1	85.1	85.5
GE 600	5.1	67.3	73.0	76.7	80.0	81.2	83.0	83.5	83.5	83.5	83.5	84.2	84.9	85.0	85.2	85.5	85.5	85.9
GE 500	5.1	67.8	73.9	77.5	81.7	82.9	84.9	85.8	85.8	85.8	85.8	86.8	87.6	87.7	88.2	88.4	88.5	88.9
GE 400	5.1	68.1	74.1	77.8	81.9	83.2	86.3	88.1	88.1	88.1	88.1	89.1	90.0	90.1	90.5	90.8	91.0	91.4
GE 300	5.1	68.1	74.2	78.4	82.6	84.0	87.8	90.0	90.0	90.0	90.0	92.0	93.1	93.3	94.2	94.6	94.8	95.3
GE 200	5.1	68.1	74.2	78.4	82.7	84.3	88.2	90.4	91.3	91.3	91.3	92.8	94.4	94.6	95.6	96.1	96.5	97.4
GE 100	5.1	68.1	74.2	78.4	82.7	84.3	88.2	90.4	91.3	91.3	91.3	92.8	94.4	94.6	95.9	96.3	97.0	99.5
GE 0	5.1	68.1	74.2	78.4	82.7	84.3	88.2	90.4	91.3	91.3	91.3	92.8	94.4	94.6	95.9	96.3	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS: RNA

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE

PERIOD OF RECORD: 77-86

MONTH: FEB HOURS(SL): 0900-1100

..... VISIBILITY IN STATUTE MILES

CEILING IN FEET	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	4.3	45.5	46.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 20000	4.7	51.7	53.3	54.5	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 18000	4.7	52.0	53.7	54.8	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 16000	4.7	52.2	53.9	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 14000	4.7	53.2	54.8	56.0	56.1	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4
GE 12000	5.1	54.4	56.0	57.3	57.4	57.4	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7
GE 10000	5.1	58.7	60.8	62.1	62.4	62.4	62.5	62.5	62.8	62.8	62.8	62.8	62.8	62.8
GE 9000	5.1	59.2	61.2	62.5	62.9	63.0	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2
GE 8000	5.3	61.0	63.1	64.5	65.0	65.0	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4
GE 7000	5.6	63.2	65.6	67.1	67.6	67.6	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.0
GE 6000	5.6	64.7	67.1	68.8	69.3	69.3	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6
GE 5000	5.6	66.8	69.5	71.2	71.6	71.6	71.7	71.7	72.0	72.0	72.0	72.0	72.0	72.0
GE 4500	5.6	67.0	69.9	71.6	72.1	72.1	72.2	72.2	72.5	72.5	72.5	72.5	72.5	72.5
GE 4000	5.6	69.4	72.7	74.7	75.4	75.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6
GE 3500	5.6	70.0	73.3	75.3	76.0	76.0	77.1	77.1	77.4	77.4	77.4	77.4	77.4	77.4
GE 3000	5.8	70.8	74.2	76.2	77.0	77.3	78.6	79.0	79.4	79.4	79.4	79.4	79.4	79.4
GE 2500	5.9	71.2	74.8	77.2	78.3	78.6	80.1	80.7	81.2	81.3	81.3	81.3	81.3	81.3
GE 2000	5.9	71.3	75.2	77.7	79.0	79.3	80.9	81.4	81.4	81.9	82.0	82.0	82.0	82.0
GE 1800	5.9	71.4	75.3	77.8	79.2	79.6	81.1	81.7	82.2	82.3	82.3	82.3	82.3	82.3
GE 1500	5.9	71.9	76.0	78.6	80.1	80.5	82.0	82.6	83.2	83.3	83.3	83.3	83.3	83.3
GE 1200	5.9	72.0	76.1	78.7	80.3	80.6	82.3	83.0	83.6	83.7	83.7	83.7	83.7	83.7
GE 1000	5.9	72.1	76.4	79.0	80.7	81.1	83.0	83.9	84.0	84.0	84.0	84.0	84.0	84.0
GE 900	5.9	72.5	77.0	79.6	81.8	82.2	84.2	85.2	85.3	85.8	86.1	86.1	86.1	86.1
GE 800	5.9	72.5	77.1	79.8	82.3	82.6	84.9	85.9	86.1	86.6	86.9	87.2	87.5	87.5
GE 700	5.9	72.6	77.4	80.3	83.1	83.7	85.9	87.1	87.2	87.8	88.2	88.2	88.2	88.2
GE 600	5.9	72.6	77.4	80.3	83.2	83.9	86.3	87.6	87.7	88.3	88.7	88.7	88.7	88.7
GE 500	5.9	72.7	77.5	80.6	84.0	84.9	87.7	89.5	89.6	90.2	90.5	90.7	91.3	91.6
GE 400	5.9	72.7	77.5	80.6	84.2	85.0	88.1	90.4	90.5	91.1	91.5	91.6	92.3	92.9
GE 300	5.9	72.7	77.5	80.9	84.5	85.6	89.1	92.1	92.7	93.5	93.9	94.1	95.7	96.0
GE 200	5.9	72.7	77.5	80.9	84.5	85.7	89.2	92.2	92.9	93.9	94.6	95.0	97.3	98.5
GE 100	5.9	72.7	77.5	80.9	84.5	85.7	89.2	92.2	92.9	93.9	94.6	95.0	97.3	98.0
GE 0	5.9	72.7	77.5	80.9	84.5	85.7	89.2	92.2	92.9	93.9	94.6	95.0	97.3	98.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: FEB HOURS(LSI): 1200-1400

CEILING VISIBILITY IN STATUTE MILES

IN FEET	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	5.3	43.6	44.2	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 20000	6.4	53.0	53.5	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 18000	6.4	53.1	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 16000	6.4	53.4	54.0	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 14000	6.5	53.9	54.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 12000	6.5	54.6	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 10000	6.5	59.0	59.8	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 9000	6.5	60.2	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 8000	6.9	62.9	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 7000	7.1	63.8	64.9	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 6000	7.1	65.7	66.8	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 5000	7.2	68.1	69.1	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 4500	7.3	68.8	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 4000	7.6	73.0	74.5	75.3	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 3500	7.6	74.5	75.9	76.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 3000	7.7	75.4	76.8	77.8	78.5	78.8	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 2500	8.0	75.8	77.8	78.8	79.9	80.3	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 2000	8.0	76.1	78.3	79.6	81.1	81.4	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 1800	8.0	76.2	78.6	80.0	81.7	82.0	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 1500	8.0	77.1	79.7	81.4	83.3	83.7	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 1200	8.0	77.8	80.4	82.3	84.2	84.5	85.2	85.7	85.8	85.9	86.2	86.2	86.2	86.2
GE 1000	8.0	78.1	80.9	83.0	85.5	85.9	86.8	87.4	87.5	87.9	88.4	88.5	88.5	88.5
GE 900	8.0	78.3	81.1	83.2	85.8	86.3	87.2	87.8	87.9	88.4	89.0	89.1	89.1	89.1
GE 800	8.0	78.5	81.6	83.9	86.8	87.4	88.5	89.2	89.4	89.8	90.4	90.7	90.7	90.7
GE 700	8.0	78.7	82.0	84.5	87.5	88.3	89.6	90.3	90.4	91.0	91.6	91.8	91.8	91.8
GE 600	8.0	78.7	82.0	84.5	87.5	88.3	89.6	90.3	90.5	91.0	91.8	92.1	92.1	92.1
GE 500	8.0	78.7	82.3	84.9	88.7	89.7	91.3	92.0	92.3	93.1	93.9	94.0	94.4	94.6
GE 400	8.0	78.7	82.3	84.9	88.7	90.2	92.1	93.5	94.7	95.5	95.6	96.0	96.2	96.3
GE 300	8.0	78.7	82.3	84.9	88.7	90.2	92.1	94.2	94.6	96.2	96.3	96.7	96.8	97.4
GE 200	8.0	78.7	82.3	84.9	88.8	90.4	92.3	94.4	94.9	95.7	96.6	97.2	97.3	98.6
GE 100	8.0	78.7	82.3	84.9	88.8	90.4	92.3	94.4	94.9	95.7	96.6	97.3	97.6	98.6
GE 0	8.0	78.7	82.3	84.9	88.8	90.4	92.3	94.4	94.9	95.7	96.6	97.3	97.6	98.6

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/ETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: FEB HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	10	9	8	7	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	6.1	43.9	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 20000	6.5	52.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 18000	6.5	53.0	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 16000	6.5	53.1	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 14000	6.5	53.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 12000	6.5	54.4	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 10000	6.6	57.0	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 9000	6.6	58.2	58.9	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 8000	6.7	61.1	62.1	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 7000	6.9	62.8	63.8	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 6000	6.9	63.9	65.1	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 5000	7.0	66.5	68.0	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 4500	7.0	67.4	68.8	69.5	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 4000	7.1	71.5	73.5	74.6	75.5	75.8	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 3500	7.1	72.9	75.1	76.1	77.3	77.5	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 3000	7.2	74.8	77.0	78.1	79.4	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 2500	7.4	75.5	77.9	79.2	80.6	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 2000	7.4	76.5	79.0	80.6	82.5	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1800	7.4	76.5	79.0	80.9	82.9	83.5	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 1500	7.4	77.7	80.3	82.5	85.1	85.9	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1200	7.4	78.4	81.1	83.3	85.9	86.8	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1000	7.4	79.0	81.9	84.2	87.0	87.9	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 900	7.4	79.2	82.2	84.5	87.5	88.4	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 800	7.4	79.4	82.5	85.0	87.9	89.1	89.6	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 700	7.4	79.4	82.9	85.5	88.5	89.8	90.4	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 600	7.4	79.4	82.9	85.5	88.5	89.8	90.4	90.8	90.9	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 500	7.4	79.4	82.9	85.6	89.0	90.7	91.4	91.8	92.0	92.7	93.6	94.1	94.3	94.3	94.3	94.3	94.3	94.3
GE 400	7.4	79.4	82.9	85.6	89.0	90.7	91.4	91.8	92.3	93.4	94.9	96.2	96.8	97.0	97.2	97.4	97.4	97.4
GE 300	7.4	79.4	82.9	85.6	89.0	90.9	91.8	93.4	94.2	95.5	96.8	97.5	98.0	98.3	99.1	99.1	99.1	99.1
GE 200	7.4	79.4	82.9	85.6	89.0	90.9	91.8	93.4	94.2	95.5	96.8	97.5	98.0	98.6	99.8	99.8	99.8	99.8
GE 100	7.4	79.4	82.9	85.6	89.0	90.9	91.8	93.4	94.2	95.5	96.8	97.5	98.0	98.6	99.8	99.8	99.8	99.8
GE 0	7.4	79.4	82.9	85.6	89.0	90.9	91.8	93.4	94.2	95.5	96.8	97.5	98.0	98.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 729088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: FEB HOURS(UT): 1800-2000

CEILING FEET	VISIBILITY IN STATUTE MILES													
	10	6	5	4	3	2	1 1/2	1 1/4	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	5.2	47.6	48.8	49.8	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 20000	5.2	53.1	54.4	55.3	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 18000	5.4	53.7	55.0	55.9	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 16000	5.4	53.7	55.0	55.9	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 14000	5.6	54.1	55.6	56.5	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 12000	5.6	54.8	56.3	57.2	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 10000	5.6	57.1	58.9	59.8	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 9000	5.6	57.7	59.5	60.4	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 8000	5.6	60.2	63.6	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 7000	5.6	61.5	63.8	65.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 6000	5.6	62.4	64.8	66.0	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 5000	5.6	64.9	67.6	68.9	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 4500	5.6	66.3	69.1	70.6	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 4000	5.6	69.7	72.6	74.3	75.5	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 3500	5.6	71.3	74.3	76.4	77.5	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 3000	5.6	72.7	76.0	78.1	79.3	79.4	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 2500	5.6	73.6	77.0	79.1	80.4	80.6	81.2	81.3	81.3	81.6	81.6	81.6	81.6	81.6
GE 2000	5.6	74.5	77.8	80.4	81.7	81.9	82.5	82.6	82.9	82.9	82.9	82.9	82.9	82.9
GE 1800	5.6	74.6	77.9	80.7	82.4	82.6	83.2	83.3	83.6	83.6	83.6	83.6	83.6	83.6
GE 1500	5.6	75.3	79.0	82.0	83.8	84.2	84.8	85.1	85.3	85.3	85.3	85.3	85.3	85.3
GE 1200	5.6	75.8	79.4	82.5	84.5	85.0	85.6	86.1	86.3	86.3	86.3	86.3	86.3	86.3
GE 1000	5.6	76.0	80.0	83.2	85.5	86.1	86.6	87.2	88.2	88.4	88.4	88.4	88.4	88.4
GE 900	5.6	76.4	80.4	83.6	85.8	86.4	87.0	87.8	88.8	89.0	89.0	89.0	89.0	89.0
GE 800	5.6	76.4	80.9	84.0	86.3	86.9	87.5	88.4	89.5	89.7	89.7	89.7	89.7	89.7
GE 700	5.6	76.5	81.0	84.2	86.6	87.2	87.8	88.8	89.8	90.1	90.1	90.1	90.1	90.1
GE 600	5.6	76.6	81.1	84.4	86.9	87.5	88.2	89.2	90.5	90.8	90.9	90.9	90.9	90.9
GE 500	5.6	76.6	81.1	84.5	87.1	87.9	88.9	90.4	90.7	92.1	92.7	92.8	92.9	93.0
GE 400	5.6	76.6	81.1	84.5	87.4	88.2	89.1	90.8	91.1	93.3	94.1	94.3	94.4	94.6
GE 300	5.6	76.6	81.1	84.5	87.5	88.5	89.7	91.5	92.1	94.3	95.2	95.2	95.9	96.1
GE 200	5.6	76.6	81.1	84.6	87.7	88.8	90.0	91.7	92.3	94.7	96.0	96.8	96.9	97.5
GE 100	5.6	76.6	81.1	84.6	87.7	88.8	90.0	91.7	92.3	94.7	96.1	96.9	97.3	97.8
GE Q1	5.6	76.6	81.1	84.6	87.7	88.8	90.0	91.7	92.3	94.7	96.1	96.9	97.3	97.8

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE

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

CEILING VISIBILITY IN STATUTE MILES

IN FEET	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 1/2	GE 5/8	GE 1/4	GE 0
NO CEIL	5.6	52.7	53.8	54.6	55.2	55.4	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.8
GE 20000	5.7	56.6	57.7	58.5	59.1	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.8
GE 18000	5.7	56.7	57.8	58.6	59.2	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.9
GE 16000	5.7	56.7	57.8	58.6	59.2	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.9
GE 14000	5.7	57.0	58.0	58.9	59.5	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	60.2
GE 12000	5.7	57.6	58.6	59.5	60.2	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.9	60.9
GE 10000	5.8	59.1	60.2	61.0	61.7	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.5
GE 9000	5.8	59.3	60.4	61.2	61.9	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.8
GE 8000	5.8	61.1	62.5	63.4	64.1	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	65.0	65.0
GE 7000	5.9	62.3	64.1	65.0	65.7	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.7	66.7
GE 6000	5.9	62.5	64.3	65.2	66.0	66.5	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.9	66.9
GE 5000	6.0	64.1	66.0	66.9	67.7	67.8	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.7	68.7
GE 4500	6.1	65.5	67.5	68.4	69.3	69.4	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.3	70.3
GE 4000	6.1	69.5	71.6	72.7	73.9	74.1	74.8	74.8	74.9	74.9	74.9	74.9	74.9	75.2	75.2
GE 3500	6.1	70.7	73.4	74.5	75.7	75.9	76.6	76.6	76.7	76.7	76.7	76.7	76.7	77.0	77.0
GE 3000	6.1	73.0	76.4	77.5	78.7	79.0	79.7	79.7	79.8	79.8	79.8	79.8	79.8	80.0	80.0
GE 2500	6.1	74.4	77.5	79.0	80.1	80.4	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.4	81.4
GE 2000	6.1	75.3	78.7	80.1	81.4	81.7	82.4	82.7	82.9	82.9	82.9	82.9	82.9	83.1	83.1
GE 1800	6.1	75.5	79.0	80.5	81.8	82.0	82.7	83.1	83.2	83.2	83.2	83.2	83.2	83.5	83.5
GE 1500	6.1	75.9	79.4	81.1	82.4	82.6	83.3	83.7	83.8	83.8	83.8	83.8	83.8	84.0	84.0
GE 1200	6.1	76.8	80.5	82.3	83.8	84.0	84.9	85.2	85.2	85.6	85.6	85.6	85.6	85.8	85.8
GE 1000	6.1	77.1	81.1	83.0	84.6	84.9	85.7	86.2	86.2	86.8	86.8	86.8	86.8	87.0	87.0
GE 900	6.1	77.2	81.2	83.1	84.8	85.1	86.1	86.6	86.6	87.4	87.4	87.4	87.4	87.6	87.6
GE 800	6.1	77.2	81.3	83.2	84.9	85.3	86.4	87.2	87.2	87.9	87.9	87.9	87.9	88.3	88.3
GE 700	6.1	77.2	81.3	83.5	85.1	85.6	87.0	87.8	87.8	88.8	88.8	88.8	88.8	89.2	89.2
GE 600	6.1	77.2	81.3	83.5	85.1	85.6	87.4	88.2	88.5	89.2	89.4	89.4	89.4	90.1	90.1
GE 500	6.1	77.3	81.4	83.6	85.3	85.8	87.7	89.1	89.6	90.4	90.5	90.5	90.5	91.5	91.5
GE 400	6.1	77.7	81.9	84.3	86.1	86.5	88.4	90.2	91.6	91.6	91.8	91.8	91.8	92.7	92.7
GE 300	6.1	77.7	81.9	84.3	86.4	87.0	88.9	90.9	91.4	92.3	92.9	92.9	92.9	94.0	94.0
GE 200	6.1	77.7	81.9	84.3	87.0	87.6	89.6	91.6	92.4	93.6	94.4	94.4	94.4	95.6	95.6
GE 100	6.1	77.7	81.9	84.3	87.0	87.6	89.6	91.6	92.4	93.6	94.7	94.7	94.7	96.2	96.2
GE 0	6.1	77.7	81.9	84.3	87.0	87.6	89.6	91.6	92.4	93.6	94.7	94.7	94.7	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/ETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: FEB HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	5.1	47.2	48.4	49.0	49.4	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7
GE 20000	5.4	53.0	54.3	55.0	55.5	55.5	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.8
GE 18000	5.4	53.2	54.5	55.2	55.7	55.8	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.1	56.1
GE 16000	5.5	53.3	54.6	55.4	55.9	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2
GE 14000	5.5	53.7	55.1	55.9	56.4	56.4	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.7	56.7
GE 12000	5.5	54.5	56.0	56.7	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.7
GE 10000	5.6	57.6	59.3	60.1	60.8	60.8	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.3	61.3
GE 9000	5.7	58.2	59.9	60.7	61.4	61.5	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.9	61.9	62.0
GE 8000	5.8	60.4	62.3	63.2	64.0	64.1	64.3	64.3	64.3	64.4	64.4	64.4	64.5	64.5	64.5	64.6
GE 7000	6.0	61.8	63.9	64.9	65.7	65.8	66.0	66.0	66.0	66.1	66.1	66.1	66.2	66.2	66.3	66.3
GE 6000	6.0	62.7	64.6	65.9	66.7	66.8	67.0	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.3	67.3
GE 5000	6.0	65.1	67.4	68.5	69.4	69.5	69.8	69.8	69.8	69.9	69.9	69.9	70.0	70.0	70.1	70.1
GE 4500	6.1	66.0	68.3	69.5	70.4	70.5	70.8	70.8	70.8	70.9	71.0	71.0	71.0	71.1	71.1	71.1
GE 4000	6.1	69.5	72.3	73.7	74.8	75.0	75.6	75.7	75.7	75.8	75.8	75.8	75.9	75.9	76.0	76.0
GE 3500	6.2	70.7	73.7	75.1	76.3	76.6	77.2	77.3	77.3	77.4	77.5	77.5	77.5	77.5	77.6	77.6
GE 3000	6.3	72.1	75.2	76.7	78.0	78.4	79.1	79.3	79.3	79.5	79.5	79.5	79.6	79.6	79.7	79.7
GE 2500	6.4	72.7	76.0	77.7	79.2	79.6	80.3	80.6	80.6	80.8	80.9	80.9	80.9	81.0	81.0	81.0
GE 2000	6.4	73.3	76.8	78.6	80.4	80.8	81.6	81.9	81.9	82.1	82.1	82.1	82.2	82.3	82.3	82.3
GE 1800	6.4	73.4	77.0	78.9	80.8	81.2	82.0	82.2	82.3	82.5	82.5	82.5	82.6	82.6	82.7	82.7
GE 1500	6.4	74.0	77.7	79.8	81.8	82.2	83.0	83.4	83.4	83.6	83.7	83.7	83.8	83.8	83.9	83.9
GE 1200	6.4	74.5	78.3	80.4	82.5	83.0	83.9	84.3	84.4	84.7	84.8	84.8	84.9	85.0	85.0	85.0
GE 1000	6.4	74.7	78.8	81.0	83.3	83.8	84.8	85.4	85.4	85.9	86.2	86.2	86.4	86.4	86.5	86.5
GE 900	6.4	74.9	79.0	81.2	83.6	84.2	85.3	85.9	86.0	86.5	86.8	86.8	86.9	87.0	87.1	87.1
GE 800	6.4	75.0	79.3	81.6	84.2	84.8	86.1	86.7	86.8	87.4	87.8	87.8	87.9	88.0	88.1	88.1
GE 700	6.4	75.0	79.5	81.9	84.7	85.4	86.8	87.5	87.6	88.3	88.7	88.8	88.9	89.0	89.1	89.1
GE 600	6.4	75.1	79.6	82.0	84.8	85.6	87.0	87.8	87.9	88.6	89.0	89.1	89.3	89.4	89.5	89.6
GE 500	6.4	75.2	79.7	82.3	85.6	86.5	88.3	89.4	89.6	90.5	91.0	91.1	91.4	91.6	91.7	91.8
GE 400	6.4	75.3	79.9	82.5	85.9	87.0	89.1	90.6	90.9	91.8	92.5	92.6	93.0	93.2	93.4	93.5
GE 300	6.4	75.3	79.9	82.6	86.2	87.4	89.8	91.7	92.2	93.4	94.2	95.0	95.2	95.4	95.7	95.7
GE 200	6.4	75.3	79.9	82.7	86.4	87.7	90.2	92.1	92.9	94.2	95.3	95.4	96.2	96.6	96.9	97.6
GE 100	6.4	75.3	79.9	82.7	86.5	87.8	90.2	92.2	92.9	94.4	95.5	95.6	96.6	97.1	97.6	99.6
GE 0	6.4	75.3	79.9	82.7	86.5	87.8	90.2	92.2	92.9	94.4	95.5	95.6	96.6	97.1	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 6768

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: MAR HOURS(LS): 0000-0200

CEILING FEET	VISIBILITY IN STATUTE MILES																		
	10	9	8	7	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	4.9	51.9	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.2
GE 20000	5.3	57.2	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.6
GE 18000	5.3	57.3	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.7
GE 16000	5.3	57.3	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.7
GE 14000	5.3	57.8	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.2
GE 12000	5.3	58.4	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.8
GE 10000	5.5	62.4	63.4	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1
GE 9000	5.7	63.9	64.9	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6
GE 8000	5.8	65.7	66.8	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5
GE 7000	5.8	66.2	67.3	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1
GE 6000	6.2	67.2	68.3	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0
GE 5000	6.5	70.4	71.5	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.6
GE 4500	6.5	71.6	72.9	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	74.0
GE 4000	6.6	71.1	72.6	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.7
GE 3500	6.6	78.5	80.2	81.1	81.7	82.0	82.0	82.0	82.0	82.0	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.4
GE 3000	6.6	80.3	82.5	83.4	84.1	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.8
GE 2500	6.6	80.9	83.2	84.4	85.1	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.8
GE 2000	6.6	81.7	84.3	85.7	86.5	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2
GE 1800	6.6	82.3	84.8	86.2	87.0	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7
GE 1500	6.6	82.9	85.5	86.9	87.7	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.5
GE 1200	6.6	83.3	86.0	87.5	88.4	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1
GE 1000	6.6	84.1	86.9	88.4	89.5	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.6
GE 900	6.6	84.5	87.4	89.1	90.2	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.5
GE 800	6.6	85.2	88.3	90.1	91.5	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	93.0
GE 700	6.6	85.5	88.8	91.0	92.5	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	94.0
GE 600	6.6	85.6	89.1	91.5	93.1	93.9	94.3	94.3	94.3	94.3	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.7
GE 500	6.6	85.7	89.4	91.8	93.7	94.4	95.2	95.2	95.2	95.2	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.7
GE 400	6.6	86.1	90.1	92.8	95.4	96.3	97.1	97.1	97.1	97.1	97.1	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.7
GE 300	6.6	86.1	90.1	92.9	95.7	96.9	97.7	98.0	98.0	98.0	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.6
GE 200	6.6	86.1	90.2	93.0	95.8	97.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
GE 100	6.6	86.1	90.2	93.0	95.8	97.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
GE 01	6.6	86.1	90.2	93.0	95.8	97.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5

TOTAL NUMBER OF OBSERVATIONS: 920

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE

PERIOD OF RECORD: 77-86
 MONTH: MAR HOURS(IST): 0300-0500

CEILING VISIBILITY IN STATUTE MILES

IN FEET	10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	5.5	50.3	52.0	52.4	52.6	52.6	52.7	52.9	52.9	52.9	52.9	52.9	52.9	53.0	53.1
GE 20000	5.9	53.9	55.6	55.9	56.1	56.1	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.7
GE 18000	5.9	53.9	55.6	55.9	56.1	56.1	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.7
GE 16000	5.9	53.9	55.6	55.9	56.1	56.1	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.7
GE 14000	5.9	54.5	56.2	56.6	56.8	56.8	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.3
GE 12000	5.9	55.2	56.9	57.2	57.4	57.4	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.8	58.0
GE 10000	5.9	60.0	61.9	62.4	62.6	62.6	62.7	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.1
GE 9000	5.9	61.4	63.3	63.8	64.0	64.0	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.5
GE 8000	5.9	63.1	65.3	65.7	65.9	65.9	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.5
GE 7000	6.0	63.4	65.6	66.0	66.2	66.2	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.8
GE 6000	6.5	64.3	66.6	67.0	67.2	67.2	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.7
GE 5000	6.5	67.4	70.1	70.5	70.8	70.8	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.4
GE 4500	6.5	70.3	73.1	73.5	73.8	73.9	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.4
GE 4000	6.5	75.1	78.4	78.9	79.1	79.2	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.9
GE 3500	6.5	76.1	79.7	80.2	80.4	80.5	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.2
GE 3000	6.5	77.4	81.3	81.8	82.3	82.4	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.9	83.0
GE 2500	6.5	78.3	82.9	83.5	84.0	84.1	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.8
GE 2000	6.5	78.7	83.9	84.6	85.3	85.4	85.5	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.1
GE 1800	6.5	78.7	84.0	84.7	85.5	85.7	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.5
GE 1500	6.5	79.2	84.5	85.3	86.1	86.3	86.5	86.9	86.9	87.0	87.0	87.0	87.0	87.1	87.2
GE 1200	6.5	79.8	85.3	86.0	87.1	87.3	87.5	88.0	88.0	88.1	88.1	88.1	88.1	88.2	88.3
GE 1000	6.5	79.8	85.3	86.0	87.1	87.3	87.5	88.0	88.0	88.1	88.1	88.1	88.1	88.2	88.3
GE 900	6.5	80.3	85.8	86.7	87.8	88.3	88.6	89.0	89.0	89.1	89.1	89.1	89.1	89.2	89.4
GE 800	6.5	80.4	86.7	87.7	89.5	90.1	90.4	90.9	90.9	91.0	91.0	91.0	91.0	91.1	91.2
GE 700	6.5	80.6	87.1	88.2	89.9	90.5	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.6
GE 600	6.5	80.9	87.3	88.4	90.2	91.0	91.3	91.7	91.7	91.9	91.9	91.9	91.9	92.0	92.2
GE 500	6.5	81.2	88.1	89.4	91.7	92.5	93.7	94.2	94.4	94.4	94.4	94.4	94.4	94.5	94.6
GE 400	6.5	81.4	88.3	89.7	92.4	93.1	94.4	94.9	95.4	95.4	95.4	95.4	95.4	95.5	95.6
GE 300	6.5	81.4	88.3	89.8	92.6	93.5	95.6	96.1	96.7	96.7	96.7	96.7	96.9	97.0	97.2
GE 200	6.5	81.5	88.4	89.9	92.7	93.7	95.7	96.7	96.8	97.5	97.6	97.6	98.0	98.2	98.5
GE 100	6.5	81.5	88.4	89.9	92.7	93.7	95.7	96.7	96.8	97.6	98.0	98.0	98.3	98.9	99.4
GE 0	6.5	81.5	88.4	89.9	92.7	93.7	95.7	96.7	96.8	97.6	98.0	98.0	98.3	98.9	100.0

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: MAR HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	5.1	44.7	46.7	47.7	48.0	48.1	48.2	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.6
GE 20000	5.1	49.5	51.6	52.9	53.1	53.3	53.4	53.5	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.9
GE 18000	5.1	49.6	51.7	53.0	53.3	53.5	53.7	53.8	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.2
GE 16000	5.2	49.7	51.8	53.1	53.4	53.7	53.8	53.9	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.3
GE 14000	5.4	50.3	52.5	54.2	54.4	54.5	54.6	54.6	54.6	54.9	54.9	54.9	54.9	54.9	54.9	55.1
GE 12000	5.5	51.4	53.5	54.9	55.3	55.5	55.6	55.7	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.1
GE 10000	5.7	56.1	58.6	60.2	60.5	60.8	60.9	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.4
GE 8000	5.7	58.7	59.1	60.8	61.1	61.3	61.4	61.5	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.9
GE 6000	5.7	60.3	62.8	64.5	64.8	65.1	65.2	65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.7
GE 4000	5.7	61.6	64.1	65.8	66.1	66.3	66.5	66.6	66.6	66.9	66.9	66.9	66.9	66.9	66.9	67.0
GE 2000	5.7	62.2	64.6	66.5	66.8	67.0	67.1	67.2	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.6
GE 5000	5.7	64.9	67.7	69.8	70.1	70.3	70.4	70.5	70.5	70.9	70.9	70.9	70.9	70.9	70.9	71.0
GE 4500	5.7	66.6	69.8	71.8	72.4	72.6	72.8	72.9	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.3
GE 4000	5.7	70.3	73.8	76.5	77.2	77.4	77.6	77.7	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.2
GE 3500	5.8	71.6	75.3	78.0	78.7	78.9	79.1	79.2	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.7
GE 3000	5.8	72.9	76.7	79.4	80.1	80.3	80.5	80.8	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.2
GE 2500	5.8	74.0	78.3	81.3	82.3	82.5	82.7	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.3
GE 2000	5.8	75.1	80.0	83.3	84.4	84.6	84.9	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.6
GE 1800	5.8	75.3	80.2	83.5	84.6	84.8	85.2	85.4	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.8
GE 1500	5.8	76.0	81.0	84.4	85.5	86.2	86.6	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.2
GE 1200	5.8	76.5	81.6	85.3	86.5	87.2	87.5	87.7	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.2
GE 1000	5.8	76.6	81.9	85.7	86.9	87.6	88.0	88.2	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.8
GE 900	5.8	76.7	82.3	86.2	87.5	88.3	88.6	88.8	88.8	89.2	89.4	89.4	89.4	89.4	89.4	89.6
GE 800	5.8	77.0	83.0	87.1	88.7	89.6	89.9	90.1	90.1	90.5	90.6	90.6	90.6	90.6	90.6	90.9
GE 700	5.8	77.1	83.1	87.6	89.6	90.4	90.8	91.0	91.0	91.4	91.5	91.5	91.5	91.5	91.6	91.7
GE 600	5.8	77.4	83.4	88.5	90.8	91.6	92.2	92.2	92.2	92.6	92.7	92.7	92.7	92.7	92.8	92.9
GE 500	5.8	77.7	83.8	88.9	91.6	92.7	93.2	93.5	93.5	94.1	94.3	94.3	94.3	94.3	94.4	94.6
GE 400	5.8	77.7	83.8	89.0	91.9	93.2	94.1	94.6	94.6	95.2	95.4	95.4	95.4	95.4	95.5	95.8
GE 300	5.8	77.7	83.8	89.1	92.0	93.4	94.7	95.4	95.4	96.1	96.5	96.5	96.5	96.5	96.8	97.0
GE 200	5.8	77.7	83.8	89.1	92.0	93.5	94.9	95.7	95.8	96.6	97.0	97.0	97.0	97.0	97.3	97.5
GE 100	5.8	77.7	83.8	89.1	92.0	93.5	94.9	95.9	96.0	96.8	97.2	97.2	97.2	97.2	97.5	98.1
GE 01	5.8	77.7	83.8	89.1	92.0	93.5	94.9	95.9	96.0	96.8	97.2	97.2	97.2	97.2	97.5	98.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86

MONTH: MAR HOURS(S): 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	7.8	46.3	47.1	47.7	47.9	47.9	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 20000	8.2	54.5	55.4	56.0	56.2	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 18000	8.2	54.6	55.7	56.2	56.4	56.4	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 16000	8.2	54.9	56.0	56.5	56.7	56.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 14000	8.4	55.7	56.7	57.3	57.5	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 12000	8.4	56.5	57.8	58.3	58.6	58.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 10000	8.4	59.6	61.5	62.0	62.2	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 9000	8.4	60.5	62.3	62.9	63.1	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 8000	8.6	65.0	67.1	67.6	67.8	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 7000	8.6	66.0	68.0	68.6	68.8	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 6000	8.6	66.1	68.5	69.2	69.4	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 5000	8.6	68.5	71.3	72.0	72.3	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 4500	8.7	70.1	73.1	74.1	74.4	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 4000	9.4	73.7	77.0	78.3	78.7	78.7	78.8	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 3500	9.4	74.5	79.1	79.5	79.5	79.5	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 3000	9.4	76.9	80.3	81.6	82.1	82.2	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 2500	9.4	77.8	81.4	83.0	83.9	84.0	84.3	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 2000	9.4	78.9	82.5	84.5	85.7	85.8	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1800	9.4	78.9	82.5	84.6	85.8	85.9	86.2	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 1500	9.4	79.3	83.1	85.5	87.2	87.3	87.8	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1200	9.4	80.0	84.0	86.7	88.5	88.6	89.1	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1000	9.4	80.8	84.8	87.6	89.5	89.6	90.2	90.4	90.4	90.7	90.9	90.9	91.0	91.0	91.0	91.0
GE 900	9.4	80.9	85.0	87.8	89.7	89.9	90.5	90.7	90.7	91.2	91.3	91.3	91.4	91.4	91.4	91.4
GE 800	9.4	81.3	85.9	88.8	90.7	91.1	91.7	92.0	92.0	92.5	92.6	92.6	92.7	92.7	92.7	92.7
GE 700	9.4	81.6	86.2	89.5	91.7	92.0	92.7	93.1	93.1	93.5	93.6	93.6	93.8	93.8	93.8	93.8
GE 600	9.4	81.6	86.2	89.8	92.0	92.4	93.0	93.4	93.4	94.0	94.1	94.1	94.2	94.2	94.2	94.2
GE 500	9.4	81.7	86.9	90.4	92.7	93.4	94.2	94.7	94.7	95.5	95.6	95.6	95.7	95.7	95.7	95.7
GE 400	9.4	81.8	87.1	90.7	93.1	93.9	94.8	95.4	95.4	96.4	96.7	96.7	96.9	96.9	96.9	96.9
GE 300	9.4	81.8	87.1	90.9	93.6	94.7	95.8	96.6	96.6	98.1	98.3	98.3	98.6	98.6	98.6	98.6
GE 200	9.4	81.8	87.1	90.9	93.6	94.7	95.8	96.6	96.6	98.3	98.5	98.5	98.8	98.8	98.8	98.8
GE 100	9.4	81.8	87.1	90.9	93.6	94.7	95.8	96.6	96.6	98.3	98.5	98.5	98.8	98.8	98.8	98.8
GE 0	9.4	81.8	87.1	90.9	93.6	94.7	95.8	96.6	96.6	98.3	98.5	98.5	98.8	98.8	98.8	98.8

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: MAR HOURS(SLT): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	7.3	44.3	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 20000	8.6	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 18000	8.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 16000	8.6	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 14000	8.8	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 12000	8.8	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 10000	9.2	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	60.3	60.3
GE 9000	9.5	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 8000	9.6	64.6	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 7000	9.6	65.6	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 6000	9.6	66.3	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 5000	9.6	69.4	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 4500	9.6	71.0	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 4000	10.1	76.2	77.5	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 3500	10.2	78.6	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 3000	10.4	80.9	82.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 2500	10.4	82.4	84.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 2000	10.4	83.0	84.6	85.9	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 1800	10.4	83.2	84.9	86.1	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1500	10.4	83.8	85.8	87.1	87.6	87.8	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1200	10.4	83.9	86.5	88.0	88.5	88.7	89.1	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1000	10.4	84.3	87.1	88.8	89.7	90.0	90.4	90.6	90.8	90.9	90.9	90.9	91.1	91.1	91.1	91.1
GE 900	10.4	84.7	87.8	89.8	90.6	91.1	91.6	91.8	91.9	92.2	92.2	92.2	92.4	92.4	92.4	92.4
GE 800	10.4	84.8	88.2	90.2	91.2	91.6	92.3	92.7	92.8	93.0	93.0	93.0	93.2	93.2	93.2	93.2
GE 700	10.4	84.9	88.3	90.4	91.4	91.8	92.5	92.9	93.0	93.4	93.4	93.4	93.7	93.7	93.7	93.7
GE 600	10.4	84.9	88.4	90.5	91.6	92.0	92.7	93.1	93.2	93.8	93.8	93.8	94.0	94.0	94.0	94.0
GE 500	10.4	85.2	88.7	91.6	93.3	94.5	95.9	96.7	96.8	97.4	97.4	97.4	98.0	98.0	98.0	98.0
GE 400	10.4	85.2	88.8	91.8	93.9	95.1	96.6	97.6	97.7	98.5	98.5	98.5	99.0	99.0	99.0	99.0
GE 300	10.4	85.2	88.8	91.8	94.0	95.3	97.0	98.2	98.3	99.0	99.1	99.4	99.6	99.7	99.7	99.7
GE 200	10.4	85.2	88.8	91.8	94.0	95.3	97.0	98.3	98.4	99.2	99.4	99.6	99.8	99.9	99.9	99.9
GE 100	10.4	85.2	88.8	91.8	94.0	95.3	97.0	98.3	98.4	99.2	99.4	99.6	99.8	99.9	99.9	99.9
GE 0	10.4	85.2	88.8	91.8	94.0	95.3	97.0	98.3	98.4	99.2	99.4	99.6	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 72N088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: MAR HOURS(SLT): 1500-1700

CEILING VISIBILITY IN STATUTE MILES

IN FEET	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 20000	7.5	54.8	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 18000	7.5	55.1	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 16000	7.6	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 14000	7.6	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 12000	7.7	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 10000	8.0	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 9000	8.0	62.4	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 8000	8.0	66.2	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 7000	8.1	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 6000	8.1	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 5000	8.3	73.1	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 4500	8.3	75.1	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 4000	8.6	79.7	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 3500	8.8	81.9	82.9	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 3000	8.8	83.0	84.2	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 2500	8.8	84.2	85.6	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 2000	8.8	84.8	85.2	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1800	8.8	84.8	86.3	87.2	87.5	87.6	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1500	8.8	85.7	87.4	88.3	88.4	89.0	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1200	8.8	86.3	88.2	89.4	90.0	90.2	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1000	8.8	86.6	88.5	89.8	91.2	91.5	92.0	92.4	92.4	92.5	92.5	92.5	92.5	92.5
GE 900	8.8	86.6	88.5	89.9	91.4	91.7	92.3	92.6	92.6	92.7	92.7	92.7	92.7	92.7
GE 800	8.8	86.7	88.8	90.4	92.2	92.6	93.2	93.7	93.8	93.8	93.8	93.8	93.8	93.8
GE 700	8.8	86.7	88.9	90.8	92.8	93.3	94.3	94.7	94.7	94.8	94.8	94.8	94.8	94.8
GE 600	8.8	86.7	88.9	91.0	93.0	93.7	94.6	95.2	95.2	95.3	95.3	95.3	95.3	95.3
GE 500	8.8	86.7	89.0	91.1	93.5	94.6	95.9	96.7	96.8	97.2	97.2	97.3	97.3	97.3
GE 400	8.8	86.7	89.1	91.2	93.9	95.1	96.8	97.7	97.8	98.3	98.3	98.4	98.4	98.4
GE 300	8.8	86.7	89.1	91.3	94.1	95.3	97.3	98.4	98.6	99.1	99.1	99.2	99.2	99.2
GE 200	8.8	86.7	89.1	91.5	94.4	95.6	97.6	98.7	99.1	99.7	99.7	99.9	99.9	99.9
GE 100	8.8	86.7	89.1	91.5	94.4	95.6	97.6	98.7	99.1	99.7	99.7	99.8	99.8	99.8
GE CI	8.8	86.7	89.1	91.5	94.4	95.6	97.6	98.7	99.1	99.7	99.7	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/CIAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: MAR HOURS(DT): 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	5.5	49.0	49.8	49.8	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 2000	5.8	55.8	56.7	56.9	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 1800	5.9	56.2	57.1	57.3	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 1600	6.0	56.3	57.2	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 1400	6.2	57.2	58.1	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 1200	6.2	58.4	59.2	59.5	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 1000	6.5	62.2	63.0	63.2	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 900	6.5	62.7	63.5	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 800	6.6	66.3	67.2	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
GE 700	6.6	67.2	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 600	6.8	68.9	69.8	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 500	6.8	72.0	72.9	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 450	6.8	74.2	75.1	75.4	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 400	7.0	79.1	80.2	80.6	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 350	7.0	80.5	81.7	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 300	7.0	82.9	84.4	84.9	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 250	7.0	83.7	85.5	86.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 200	7.0	84.6	86.5	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 180	7.0	84.6	86.8	87.5	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 150	7.0	84.7	87.0	87.8	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 120	7.0	85.5	88.1	88.9	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 100	7.0	86.0	88.6	89.5	90.3	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 90	7.0	86.3	88.9	89.8	90.9	91.0	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 80	7.0	86.6	89.2	90.4	92.3	92.8	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 70	7.0	86.6	89.2	90.6	92.6	93.1	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 60	7.0	86.7	89.4	90.9	92.9	93.5	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 50	7.0	86.9	89.6	91.3	93.9	94.8	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 40	7.0	87.0	89.7	91.5	94.1	95.2	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 30	7.0	87.0	89.7	91.5	94.2	95.4	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 20	7.0	87.0	89.7	91.5	94.3	95.5	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 10	7.0	87.0	89.7	91.5	94.3	95.5	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE	0	7.0	87.0	89.7	91.5	94.3	95.5	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: MAR HOURS(SL): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1	2	3	4	5	6	7	8	9	10	1/4	1/2	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	4.7	50.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 20000	4.9	56.8	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 18000	4.9	56.8	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 16000	4.9	56.8	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 14000	4.9	57.1	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 12000	5.2	58.4	59.9	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 10000	5.6	63.1	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 9000	5.6	63.9	65.4	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	65.5
GE 8000	6.0	66.7	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 7000	6.0	67.5	69.1	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 6000	6.0	68.6	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	70.4	70.4	70.4
GE 5000	6.1	70.2	71.9	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 4500	6.2	71.7	73.4	73.7	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	6.6	77.4	79.4	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 3500	6.6	79.0	81.2	81.8	82.2	82.2	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 3000	6.6	80.8	83.0	83.9	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	6.6	81.6	84.0	84.8	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 2000	6.6	83.7	86.1	87.2	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 1800	6.6	83.9	86.6	87.7	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1500	6.7	84.3	87.2	88.4	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1200	6.7	84.7	87.7	88.9	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1000	6.7	85.3	88.7	89.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 900	6.7	85.7	89.1	90.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 800	6.7	85.8	89.2	91.1	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 700	6.7	85.9	89.6	91.6	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 600	6.7	86.0	89.7	91.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 500	6.7	86.2	90.2	92.7	95.3	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 400	6.7	86.6	90.5	93.2	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 300	6.7	86.6	90.6	93.4	96.6	97.3	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 200	6.7	86.6	90.6	93.4	96.7	97.4	98.3	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 100	6.7	86.6	90.6	93.4	96.8	97.5	98.5	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 0	6.7	86.6	90.6	93.4	96.8	97.5	98.5	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 72ND88		STATION NAME: DOVER AFB DE		PERIOD OF RECORD: 77-86													
				MONTH: MAR			HOURS(LST):									ALL	
CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0		
NO CEIL	1	5.9	48.0	48.9	49.2	49.3	49.3	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.5		
GE 20000	6.4	54.6	55.7	56.0	56.1	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.3		
GE 18000	6.4	54.8	55.8	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.5		
GE 16000	6.5	54.9	56.0	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6		
GE 14000	6.6	55.5	56.6	56.9	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3		
GE 12000	6.6	56.5	57.7	58.0	58.1	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.4		
GE 10000	6.8	60.7	62.0	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.8		
GE 9000	6.9	61.6	62.9	63.3	63.4	63.4	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6		
GE 8000	7.0	64.8	66.1	66.6	66.7	66.7	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9		
GE 7000	7.0	65.7	67.1	67.5	67.6	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9		
GE 6000	7.2	66.6	68.1	68.6	68.7	68.7	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9		
GE 5000	7.2	69.5	71.2	71.7	71.9	71.9	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1		
GE 4500	7.3	71.3	73.1	73.7	73.9	73.9	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1		
GE 4000	7.5	76.1	78.2	79.1	79.3	79.4	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.7		
GE 3500	7.6	77.6	79.8	80.8	81.1	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.5		
GE 3000	7.6	79.4	81.8	82.8	83.3	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7		
GE 2500	7.6	80.4	83.1	84.3	84.9	85.0	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.4		
GE 2000	7.6	81.3	84.3	85.7	86.4	86.5	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9		
GE 1800	7.6	81.5	84.5	86.0	86.7	86.8	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.3		
GE 1500	7.6	82.0	85.2	86.7	87.6	87.8	88.0	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3		
GE 1200	7.6	82.5	85.9	87.6	88.5	88.8	89.1	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4		
GE 1000	7.6	82.9	86.5	88.2	89.4	89.7	90.0	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.5		
GE 900	7.6	83.2	86.9	88.7	90.0	90.3	90.7	90.9	90.9	91.1	91.1	91.2	91.2	91.2	91.2		
GE 800	7.6	83.5	87.4	89.5	91.0	91.5	92.0	92.2	92.2	92.4	92.5	92.5	92.5	92.5	92.6		
GE 700	7.6	83.6	87.7	90.0	91.7	92.2	92.7	93.0	93.0	93.2	93.3	93.3	93.3	93.3	93.4		
GE 600	7.6	83.7	87.8	90.3	92.2	92.8	93.3	93.6	93.6	93.9	93.9	94.0	94.0	94.0	94.0		
GE 500	7.6	83.9	88.2	90.9	93.2	94.1	95.1	95.6	95.6	95.9	96.0	96.1	96.1	96.1	96.2		
GE 400	7.6	84.1	88.4	91.2	93.8	94.8	96.0	96.6	96.6	97.1	97.2	97.3	97.3	97.3	97.4		
GE 300	7.6	84.1	88.4	91.3	94.1	95.2	96.7	97.4	97.4	98.0	98.2	98.4	98.5	98.5	98.6		
GE 200	7.6	84.1	88.5	91.4	94.2	95.4	96.9	97.7	97.8	98.4	98.7	98.9	99.0	99.0	99.2		
GE 100	7.6	84.1	88.5	91.4	94.2	95.4	96.9	97.7	97.8	98.5	98.8	98.9	99.0	99.2	99.7		
GE 01	7.6	84.1	88.5	91.4	94.2	95.4	96.9	97.7	97.8	98.5	98.8	98.9	99.0	99.2	100.0		

TOTAL NUMBER OF OBSERVATIONS: 7439

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTHS APR MONTHS APR HOURS 0100-0200

..... VISIBILITY IN STATUTE MILES
 IN FEET 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
 GE

NO CEIL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
5.6	52.0	53.8	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
20000	5.6	55.2	57.0	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
18000	5.6	55.4	57.2	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
16000	5.6	55.4	57.2	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
14000	5.6	55.4	57.2	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
12000	5.6	56.3	58.1	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
10000	5.9	60.4	62.2	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
9000	6.0	61.7	63.4	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
8000	6.1	63.9	65.7	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
7000	6.1	64.2	66.0	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
6000	6.1	65.0	66.8	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
5000	6.2	69.1	71.2	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
4500	6.8	70.9	73.1	74.6	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	75.0	75.0	75.0
4000	7.0	75.1	77.6	79.2	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	79.7	79.7
3500	7.0	76.7	79.2	81.0	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	81.4	81.4
3000	7.0	77.2	80.3	82.1	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
2500	7.0	77.9	81.0	83.0	84.4	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	84.6
2000	7.0	78.6	81.9	84.2	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
1800	7.0	78.8	82.2	84.7	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
1500	7.0	79.4	83.0	85.7	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
1200	7.0	80.0	84.0	87.0	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
1000	7.0	80.1	84.4	87.6	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
900	7.0	80.4	84.9	88.2	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
800	7.0	80.7	85.0	89.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
700	7.0	80.8	85.7	89.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
600	7.0	81.2	86.1	89.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
500	7.0	81.4	86.7	90.7	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
400	7.0	81.4	86.9	91.1	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
300	7.0	81.4	86.9	91.6	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
200	7.0	81.4	86.9	91.6	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
100	7.0	81.4	86.9	91.6	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
0	7.0	81.4	86.9	91.6	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: APR HOURS(S): 0300-0500

CEILING	VISIBILITY IN STATUTE MILES																			
	1	1/2	3/4	1	1 1/4	2	2 1/2	3	4	5	6	10	1	1/2	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
GE 20000	4.7	59.7	57.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 18000	4.7	54.7	57.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 16000	4.7	54.7	57.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 14000	4.7	54.8	57.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 12000	4.7	55.3	57.7	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 10000	4.7	58.1	60.6	61.7	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	61.9
GE 9000	4.7	58.6	61.2	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 8000	4.7	61.0	63.8	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 7000	4.7	61.9	64.7	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 6000	4.8	62.8	65.6	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	67.4	67.4	67.4
GE 5000	4.9	65.8	68.8	70.7	70.9	70.9	70.9	70.9	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 4500	5.3	67.3	70.3	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 4000	5.6	72.0	75.6	77.6	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 3500	5.6	73.7	77.2	79.2	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 3000	5.6	74.4	78.4	80.4	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 2500	5.6	74.8	79.0	81.0	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	82.1	82.1
GE 2000	5.6	75.7	79.9	82.1	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 1800	5.6	76.0	80.2	82.4	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 1500	5.6	76.2	80.6	82.9	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1200	5.6	76.3	81.0	84.0	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1000	5.6	76.7	81.7	85.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 900	5.6	76.9	82.0	85.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 800	5.6	77.2	82.4	86.0	88.1	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	88.2	88.2
GE 700	5.6	77.2	82.4	86.3	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 600	5.6	77.2	82.7	86.7	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 500	5.6	78.1	84.0	88.3	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 400	5.6	78.4	84.4	89.0	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 300	5.6	78.4	84.7	89.6	92.8	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	93.2	93.2
GE 200	5.6	78.4	84.7	89.6	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 100	5.6	78.4	84.7	89.6	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 0	5.6	78.4	84.7	89.6	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: APR HOURS(SLT): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	10	9	8	7	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	3.7	42.2	44.0	45.4	46.3	46.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.7	46.7	46.7
6E 20000	3.7	48.4	50.7	52.3	53.3	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.9	53.9
6E 18000	3.8	48.9	51.1	52.8	53.8	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.3	54.3
6E 16000	3.8	48.9	51.1	52.8	53.8	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.3	54.3	54.3
6E 14000	3.8	49.7	51.9	53.6	54.7	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.2	55.2
6E 12000	4.0	51.2	53.4	55.1	56.2	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.8	56.8
6E 10000	4.0	53.6	55.8	57.7	58.9	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.4	59.6	59.6
6E 9000	4.0	54.9	57.2	59.2	60.7	60.8	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.3	61.4	61.4	61.4
6E 8000	4.0	57.7	60.3	62.8	64.3	64.4	64.8	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.1	65.2	65.2	65.2
6E 7000	4.1	60.0	62.7	65.2	66.9	67.0	67.4	67.4	67.4	67.4	67.4	67.6	67.6	67.6	67.7	67.8	67.8	67.8
6E 6000	4.1	61.0	63.7	66.2	68.2	68.3	68.7	68.8	68.8	68.8	68.9	68.9	68.9	68.9	69.0	69.1	69.1	69.1
6E 5000	4.1	62.6	65.6	68.2	70.2	70.4	70.9	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.3	71.4	71.4	71.4
6E 4500	4.3	63.6	66.6	69.5	71.4	71.7	72.1	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.6	72.7	72.7	72.7
6E 4000	4.3	67.4	70.9	73.9	76.2	76.4	76.9	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.4	77.6	77.7	77.7
6E 3500	4.3	69.4	72.0	75.0	77.4	77.7	78.2	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.8	78.9	79.0	79.0
6E 3000	4.4	69.6	73.2	76.4	78.9	79.1	79.7	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.3	80.4	80.6	80.6
6E 2500	4.4	70.7	74.3	77.8	80.2	80.4	81.0	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.7	81.8	81.9	81.9
6E 2000	4.4	72.1	76.0	79.6	82.0	82.2	82.8	83.1	83.1	83.1	83.2	83.4	83.4	83.4	83.7	83.8	83.9	83.9
6E 1800	4.4	72.4	76.3	80.0	82.4	82.6	83.4	83.8	83.8	83.8	83.9	84.1	84.1	84.1	84.3	84.4	84.6	84.6
6E 1500	4.4	72.6	76.4	80.2	82.8	83.1	83.9	84.2	84.2	84.2	84.4	84.8	84.8	84.8	85.0	85.1	85.2	85.2
6E 1200	4.4	73.0	76.9	81.0	83.8	84.1	85.2	85.6	85.6	85.6	85.9	86.2	86.2	86.2	86.4	86.6	86.7	86.7
6E 1000	4.4	73.4	77.3	81.9	84.8	85.1	86.2	86.6	86.6	86.6	87.0	87.3	87.3	87.3	87.6	87.7	87.8	87.8
6E 900	4.4	73.4	77.3	81.9	84.8	85.1	86.2	86.6	86.6	86.6	87.0	87.3	87.3	87.3	87.6	87.7	87.8	87.8
6E 800	4.4	73.8	77.9	82.8	85.8	86.3	87.7	88.0	88.1	88.1	88.7	89.0	89.0	89.0	89.2	89.3	89.4	89.4
6E 700	4.4	74.3	78.4	83.6	86.6	87.3	88.7	89.1	89.2	89.2	89.8	90.1	90.1	90.1	90.3	90.4	90.6	90.6
6E 600	4.4	74.3	78.4	83.6	86.7	87.4	89.1	89.6	89.7	89.7	90.2	90.6	90.6	90.6	90.9	91.0	91.0	91.0
6E 500	4.4	74.6	78.7	84.3	87.9	88.8	91.0	91.6	91.7	92.2	92.7	92.7	92.7	92.9	93.0	93.1	93.1	93.1
6E 400	4.4	74.7	78.8	84.7	88.9	89.7	92.4	93.2	93.3	94.2	94.7	94.7	94.7	94.9	95.0	95.1	95.1	95.1
6E 300	4.4	74.7	78.8	84.7	89.1	90.0	93.4	94.3	94.3	95.6	96.0	96.0	96.0	96.3	96.4	96.6	96.6	96.6
6E 200	4.4	74.7	78.8	84.7	89.2	90.1	93.4	94.6	94.6	96.0	97.0	97.0	97.0	97.2	98.0	98.3	98.6	98.6
6E 100	4.4	74.7	78.8	84.7	89.2	90.1	93.4	94.6	94.6	96.1	97.2	97.2	97.2	97.6	98.7	99.1	100.0	100.0
GE 01	4.4	74.7	78.8	84.7	89.2	90.1	93.4	94.6	94.8	96.1	97.2	97.2	97.2	97.6	98.7	99.1	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: APP. HOURS: 0900-1100

IN FEET	VISIBILITY IN STATUTE MILES												
	1/8	1/4	1/2	3/4	1	1 1/4	1 1/2	2	3	4	5	6	
NO CEIL	7.2	46.8	49.3	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 20000	7.2	56.2	56.9	57.3	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 18000	7.2	56.3	57.0	57.4	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 16000	7.2	56.4	57.1	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 14000	7.2	57.1	57.8	58.3	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 12000	7.2	57.9	58.6	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 10000	7.2	62.0	62.7	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 9000	7.3	62.8	63.4	64.3	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 8000	7.3	65.8	66.8	67.7	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 7000	7.3	67.1	68.2	69.3	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 6000	7.3	68.4	69.7	70.8	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 5000	7.3	71.3	73.0	74.3	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 4500	7.4	72.7	74.3	75.8	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 4000	7.7	76.4	78.3	80.1	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 3500	7.8	77.1	79.0	81.0	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 3000	7.8	77.8	80.0	82.1	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 2500	7.8	78.3	80.6	82.8	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 2000	7.8	81.6	83.8	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1800	7.8	81.9	84.1	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1500	7.8	82.2	84.6	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1200	7.8	80.1	82.7	85.4	86.8	87.0	87.1	87.2	87.3	87.3	87.3	87.3	87.3
GE 1000	7.8	80.7	83.3	86.6	88.3	88.7	88.9	89.1	89.3	89.3	89.3	89.3	89.3
GE 900	7.8	80.8	83.7	87.0	88.8	89.1	89.4	89.8	89.8	90.0	90.0	90.0	90.0
GE 800	7.8	81.2	84.1	87.7	89.6	90.4	90.8	90.8	91.0	91.0	91.0	91.0	91.0
GE 700	7.8	81.4	84.4	88.3	90.7	91.1	91.6	91.9	92.0	92.2	92.2	92.2	92.2
GE 600	7.8	81.6	84.6	88.4	90.9	91.6	92.1	92.6	92.7	92.9	92.9	92.9	92.9
GE 500	7.8	81.7	84.8	89.0	92.1	92.9	93.9	94.7	94.9	95.2	95.2	95.2	95.2
GE 400	7.8	81.9	85.0	89.3	93.7	94.9	96.0	96.4	96.9	96.9	96.9	96.9	96.9
GE 300	7.8	82.0	85.1	89.6	94.2	95.4	96.6	97.0	97.8	97.9	98.1	98.2	98.2
GE 200	7.8	82.0	85.1	89.6	93.1	94.4	95.8	97.4	98.6	98.7	99.1	99.3	99.3
GE 100	7.8	82.0	85.1	89.6	93.1	94.4	95.8	97.0	97.4	98.6	98.7	99.2	99.6
GE 0	7.8	82.0	85.1	89.6	93.1	94.4	95.8	97.0	97.4	98.6	98.7	99.2	99.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/CIAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: APR HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	9	8	7	6	5	4	3	2	1 1/2	1	3/4	1/2	5/8	3/4	1/4

NO CEIL	8.3	46.4	46.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 20000	8.6	54.8	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	55.4	55.4
GE 18000	8.6	54.8	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	55.4	55.4
GE 16000	8.6	54.8	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	55.4	55.4
GE 14000	8.6	55.4	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 12000	8.6	56.2	56.7	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 10000	8.8	60.8	61.2	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 9000	8.8	61.0	61.4	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 8000	8.9	64.7	65.4	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 7000	9.0	66.0	66.8	67.6	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 6000	9.1	67.4	68.3	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 5000	9.1	70.9	71.9	73.1	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 4500	9.1	72.2	73.2	74.8	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 4000	9.4	77.8	79.1	80.9	81.1	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	9.7	79.1	80.4	82.2	82.4	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 3000	9.7	81.0	82.4	84.6	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 2500	9.7	81.3	82.9	85.0	85.3	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 2000	9.8	82.3	84.0	86.2	86.6	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1800	9.8	82.8	84.6	86.9	87.2	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1500	9.8	83.4	85.2	87.9	88.3	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1200	9.8	83.8	85.7	88.8	89.6	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1000	9.8	84.4	86.4	89.8	91.3	91.8	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 900	9.8	84.7	86.7	90.2	91.9	92.4	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 800	9.8	84.7	87.0	90.7	92.6	93.1	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 700	9.8	84.7	87.0	90.7	92.9	93.4	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 600	9.8	84.8	87.1	91.0	93.3	94.1	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 500	9.8	85.0	87.4	91.6	94.2	95.3	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 400	9.8	85.0	87.4	91.6	94.3	95.6	96.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 300	9.8	85.0	87.4	91.6	94.4	95.7	96.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 200	9.8	85.0	87.4	91.7	94.6	96.0	97.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 100	9.8	85.0	87.4	91.7	94.6	96.0	97.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 0	9.8	85.0	87.4	91.7	94.6	96.0	97.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: APR HOURS(LST): 1500-1700

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	1	8.2	45.4	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 20000	8.7	57.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 18000	8.7	57.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 16000	8.7	57.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 14000	8.7	57.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 12000	8.7	58.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 10000	8.8	61.8	63.0	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 9000	9.0	63.0	64.2	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 8000	9.2	65.0	67.1	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 7000	9.2	67.0	69.1	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 6000	9.2	67.7	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 5000	9.3	71.4	73.8	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 4500	9.6	73.8	76.1	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 4000	9.8	78.8	81.2	82.2	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 3500	9.8	80.1	82.6	83.6	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 3000	9.8	81.8	84.6	85.7	86.4	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2500	9.8	82.4	85.2	86.4	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 2000	9.9	83.0	86.9	88.3	89.6	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1800	9.9	84.0	86.9	88.3	89.6	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1500	9.9	84.3	87.2	88.7	90.0	90.1	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4
GE 1200	9.9	84.8	88.0	89.4	90.9	91.1	91.4	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6
GE 1000	9.9	85.3	89.0	90.6	92.3	92.7	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1
GE 900	9.9	85.6	89.6	91.2	93.1	93.4	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0
GE 800	9.9	85.9	90.1	91.9	94.2	94.7	95.1	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4
GE 700	9.9	86.1	90.3	92.2	94.7	95.1	95.6	95.7	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0
GE 600	9.9	86.3	90.6	92.4	94.9	95.3	95.8	96.0	96.0	96.3	96.4	96.4	96.4	96.4	96.4	96.4
GE 500	9.9	86.7	91.0	92.9	95.6	96.1	96.8	97.3	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 400	9.9	86.8	91.1	93.0	95.8	96.3	97.0	97.7	97.7	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 300	9.9	86.8	91.2	93.1	95.9	96.4	97.1	97.8	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 200	9.9	86.8	91.2	93.1	95.9	96.4	97.1	97.8	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 100	9.9	86.8	91.2	93.1	95.9	96.4	97.1	97.8	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 0	9.9	86.8	91.2	93.1	95.9	96.4	97.1	97.8	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/CIAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: APR HOURS: 1511 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	6.9	48.8	49.6	49.9	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	7.3	57.1	58.0	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 18000	7.4	57.6	58.5	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 16000	7.4	57.7	58.6	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 14000	7.4	57.9	58.8	59.2	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 12000	7.4	59.3	60.2	60.7	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 10000	7.7	62.8	63.9	64.7	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 9000	7.7	63.7	64.8	65.6	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 8000	7.7	66.6	67.9	68.9	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 7000	7.7	68.3	69.7	71.0	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 6000	7.8	69.0	70.4	71.8	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 5000	8.1	72.1	73.6	75.2	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 4500	8.3	73.8	75.2	76.9	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 4000	8.3	78.2	80.3	82.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 3500	8.3	79.7	81.9	83.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 3000	8.3	81.1	83.6	85.4	86.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 2500	8.3	81.3	83.8	86.1	87.7	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 2000	8.3	87.2	89.0	91.6	92.2	92.2	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1800	8.3	82.4	85.2	87.9	89.6	89.6	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1500	8.3	83.1	86.0	89.0	90.7	90.7	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1200	8.3	83.3	86.3	89.3	91.6	91.6	91.7	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0
GE 1000	8.3	84.1	87.1	90.2	92.6	92.6	92.7	92.9	93.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2
GE 900	8.3	84.2	87.2	90.6	92.9	92.9	93.0	93.2	93.3	93.3	93.4	93.6	93.6	93.6	93.6	93.6
GE 800	8.3	84.7	87.7	91.1	93.8	93.8	93.9	94.1	94.3	94.3	94.4	94.6	94.6	94.6	94.6	94.6
GE 700	8.3	84.9	87.9	91.3	94.0	94.0	94.1	94.3	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.8
GE 600	8.3	85.0	88.0	91.4	94.2	94.2	94.3	94.6	94.8	94.8	94.9	95.0	95.0	95.0	95.0	95.0
GE 500	8.3	85.2	88.3	92.2	95.0	95.0	95.1	95.3	95.6	95.6	95.8	95.9	95.9	95.9	95.9	95.9
GE 400	8.3	85.2	88.7	92.7	95.6	95.6	95.7	96.2	96.6	96.7	97.0	97.2	97.2	97.2	97.2	97.2
GE 300	8.3	85.2	88.7	92.9	95.9	95.9	96.1	96.8	97.2	97.6	98.0	98.3	98.4	98.4	98.4	98.4
GE 200	8.3	85.2	88.7	92.9	96.1	96.1	96.3	97.1	97.6	98.0	98.7	99.2	99.4	99.4	99.4	99.4
GE 100	8.3	85.2	88.7	92.9	96.1	96.1	96.3	97.1	97.6	98.0	98.7	99.2	99.4	99.4	99.4	99.4
GE 01	8.3	85.2	88.7	92.9	96.1	96.1	96.3	97.1	97.6	98.0	98.7	99.2	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724086 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: APR HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	5.0	51.2	51.8	52.2	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 20000	5.3	57.0	57.8	58.2	58.3	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 18000	5.3	57.0	57.8	58.2	58.3	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 16000	5.3	57.0	57.8	58.2	58.3	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 14000	5.3	57.1	57.9	58.3	58.4	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 12000	5.8	59.0	59.8	60.2	60.3	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 10000	6.1	62.3	63.1	64.0	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 9000	6.1	63.3	64.1	65.0	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 8000	6.1	65.9	66.7	67.8	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 7000	6.2	66.2	67.0	68.2	68.3	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 6000	6.2	67.1	67.9	69.2	69.4	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 5000	6.8	69.9	70.7	72.0	72.3	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 4500	6.8	72.7	73.6	75.1	75.4	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 4000	7.3	77.8	79.6	81.4	81.9	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 3500	7.4	79.7	81.4	83.6	84.0	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3000	7.4	80.4	82.8	84.9	85.3	85.7	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0
GE 2500	7.4	80.9	83.6	85.9	86.8	87.1	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4
GE 2000	7.4	81.2	84.0	86.4	87.4	87.9	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1800	7.4	81.4	84.2	86.7	87.7	88.2	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1500	7.4	82.0	85.0	87.6	88.9	89.4	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1200	7.4	83.0	86.1	88.8	90.3	90.9	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1000	7.4	83.3	86.8	89.4	91.2	91.8	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1
GE 900	7.4	83.6	87.1	90.0	91.8	92.3	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
GE 800	7.4	83.9	87.6	91.2	93.3	93.9	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2
GE 700	7.4	83.9	87.6	91.3	93.6	94.1	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
GE 600	7.4	83.9	87.6	91.4	93.8	94.3	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7
GE 500	7.4	84.0	87.9	92.2	94.7	95.2	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8
GE 400	7.4	84.0	88.1	92.7	95.1	95.7	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 300	7.4	84.0	88.2	93.2	96.0	96.7	97.1	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 200	7.4	84.0	88.2	93.2	96.1	96.8	97.2	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 100	7.4	84.0	88.2	93.2	96.1	96.8	97.2	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 0	7.4	84.0	88.2	93.2	96.1	96.8	97.2	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: APR HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	6.2	48.0	49.0	49.6	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 20000	6.4	55.1	56.3	57.0	57.2	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4
GE 18000	6.4	55.2	56.5	57.1	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.6
GE 16000	6.4	55.2	56.5	57.2	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6
GE 14000	6.4	55.6	56.9	57.5	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0
GE 12000	6.5	56.8	58.0	58.7	59.0	59.0	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2
GE 10000	6.6	60.2	61.6	62.4	62.7	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0
GE 9000	6.7	61.1	62.5	63.4	63.7	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0
GE 8000	6.8	63.8	65.5	66.6	66.9	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3
GE 7000	6.8	65.1	66.8	68.0	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7
GE 6000	6.8	66.1	67.8	69.0	69.5	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 5000	7.0	69.1	71.1	72.6	73.1	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5
GE 4500	7.2	70.9	72.8	74.4	75.0	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4
GE 4000	7.4	75.4	77.8	79.7	80.4	80.5	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9
GE 3500	7.5	76.8	79.2	81.2	81.9	82.1	82.2	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4
GE 3000	7.5	77.9	80.7	82.7	83.6	83.8	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.3	84.3	84.3
GE 2500	7.5	78.4	81.3	83.5	84.7	84.9	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4
GE 2000	7.5	79.4	82.4	84.8	86.1	86.3	86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.9	86.9	86.9
GE 1800	7.5	79.7	82.7	85.1	86.5	86.7	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3
GE 1500	7.5	80.1	83.2	85.8	87.3	87.5	87.8	88.0	88.0	88.1	88.1	88.1	88.1	88.2	88.2	88.2
GE 1200	7.5	80.5	83.8	86.7	88.4	88.7	89.1	89.2	89.2	89.3	89.4	89.4	89.4	89.5	89.5	89.5
GE 1000	7.5	81.0	84.5	87.6	89.6	89.9	90.4	90.6	90.6	90.6	90.8	90.8	90.8	90.9	90.9	90.9
GE 900	7.5	81.2	84.8	88.1	90.1	90.4	90.9	91.2	91.2	91.3	91.4	91.4	91.4	91.5	91.5	91.5
GE 800	7.5	81.5	85.3	88.8	91.0	91.4	92.0	92.3	92.3	92.5	92.5	92.5	92.5	92.6	92.6	92.6
GE 700	7.5	81.7	85.5	89.2	91.6	92.0	92.6	92.9	93.1	93.2	93.2	93.2	93.2	93.3	93.3	93.3
GE 600	7.5	81.8	85.6	89.4	91.9	92.3	93.1	93.4	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8
GE 500	7.5	82.1	86.1	90.2	92.9	93.5	94.5	94.9	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.5
GE 400	7.5	82.2	86.3	90.5	93.5	94.1	95.4	96.0	96.1	96.5	96.6	96.6	96.6	96.7	96.7	96.8
GE 300	7.5	82.2	86.4	90.8	93.9	94.6	96.0	96.8	96.9	97.5	97.7	97.7	97.8	97.8	97.9	97.9
GE 200	7.5	82.2	86.4	90.8	94.0	94.8	96.2	97.0	97.2	97.9	98.3	98.4	98.5	98.7	98.8	98.9
GE 100	7.5	82.2	86.4	90.8	94.0	94.8	96.2	97.1	97.3	98.0	98.5	98.5	98.6	99.1	99.3	99.8
GE 01	7.5	82.2	86.4	90.8	94.0	94.8	96.2	97.1	97.3	98.0	98.5	98.5	98.6	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/ETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: MAY HOURS(LST): 0000-0200

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	3.1	45.7	47.8	48.7	49.1	49.2	49.2	49.2	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 20000	3.4	50.9	53.7	54.5	54.9	55.2	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 18000	3.4	51.1	53.9	54.7	55.2	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 16000	3.4	51.1	53.9	54.7	55.2	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 14000	3.4	51.2	54.0	54.8	55.3	55.5	55.5	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 12000	3.4	52.0	54.9	55.8	56.2	56.5	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 10000	3.7	56.9	60.4	61.6	62.0	62.3	62.3	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 9000	3.7	58.3	61.9	63.2	63.7	63.9	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 8000	3.7	61.3	65.1	66.7	67.2	67.4	67.4	67.4	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 7000	3.7	62.2	66.5	68.1	68.6	68.8	68.8	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 6000	3.7	62.8	67.1	68.7	69.2	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 5000	3.9	65.3	70.2	71.8	72.7	72.9	73.0	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 4500	3.9	65.9	70.9	72.5	73.3	73.5	73.7	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 4000	4.0	69.2	75.1	77.3	78.4	78.8	79.0	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 3500	4.0	70.2	76.6	78.8	79.9	80.3	80.5	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 3000	4.0	71.5	78.5	81.1	82.2	82.6	82.8	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 2500	4.0	72.5	79.6	82.2	83.2	83.7	83.9	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 2000	4.0	73.2	80.4	83.0	84.2	84.6	84.8	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1800	4.0	73.2	80.4	83.0	84.2	84.6	84.8	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1500	4.0	73.4	80.9	83.5	84.7	85.2	85.4	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1200	4.0	73.9	81.8	85.1	86.3	86.8	87.0	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1000	4.0	74.1	82.4	86.0	87.3	87.7	88.1	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 900	4.0	74.2	82.7	86.3	87.6	88.2	88.5	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 800	4.0	74.6	83.2	86.9	88.2	88.7	89.0	89.1	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 700	4.0	75.2	84.0	87.6	89.4	89.9	90.2	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 600	4.0	75.3	84.1	87.8	89.7	90.2	90.5	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 500	4.0	75.8	84.9	89.4	91.8	92.6	92.9	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 400	4.0	76.1	85.7	90.2	93.0	93.9	94.4	94.7	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 300	4.0	76.2	85.9	90.6	93.5	94.4	95.3	95.9	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 200	4.0	76.2	85.9	90.8	94.2	95.1	96.1	97.0	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 100	4.0	76.7	85.9	90.8	94.2	95.1	96.1	97.0	97.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 0	4.0	76.2	85.9	90.8	94.2	95.1	96.1	97.0	97.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS: 930

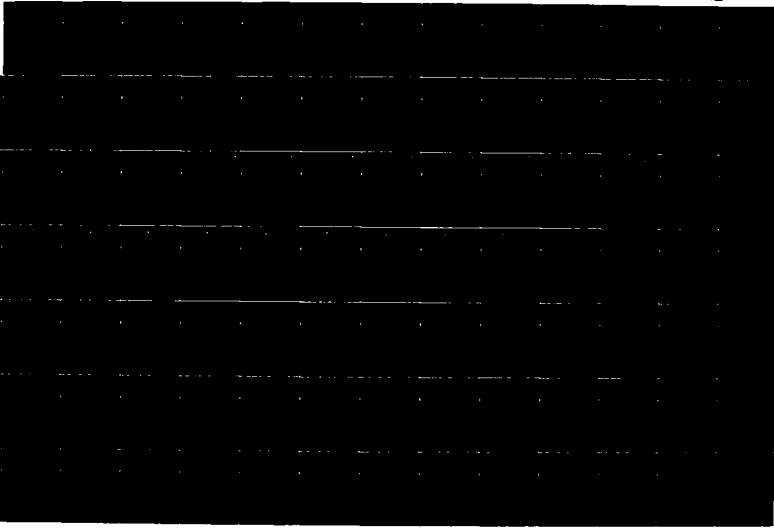
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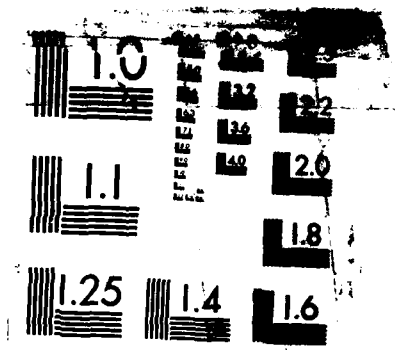
DOVER AFB DELAWARE REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATIONS (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT AFB IL NOV 86
USAFETAC/DS-86/862 P/C 4/2

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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963-A

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/ETAC FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: MAY HOURS(IST): 0300-0500

..... VISIBILITY IN STATUTE MILES

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1					
NO CEIL	2.5	42.0	44.9	46.8	47.7	47.8	48.4	48.5	48.5	48.7	49.0	49.0	49.4	49.4	49.4
GE 20000	2.7	47.0	50.9	53.0	54.3	54.4	54.9	55.2	55.4	55.4	55.8	55.8	56.1	56.1	56.1
GE 18000	2.7	47.1	51.0	53.1	54.4	54.5	55.1	55.3	55.3	55.5	55.9	55.9	56.2	56.2	56.2
GE 16000	2.7	47.1	51.0	53.1	54.4	54.5	55.1	55.3	55.3	55.5	55.9	55.9	56.2	56.2	56.2
GE 14000	2.7	47.2	51.1	53.2	54.5	54.6	55.2	55.4	55.4	55.6	56.0	56.0	56.3	56.3	56.3
GE 12000	2.8	47.7	51.8	54.0	55.3	55.4	55.9	56.1	56.1	56.3	56.8	56.8	57.1	57.1	57.1
GE 10000	2.8	52.8	57.3	59.8	61.6	61.7	62.3	62.5	62.5	62.7	63.1	63.1	63.4	63.4	63.4
GE 9000	2.8	52.9	57.4	60.0	61.9	62.0	62.7	62.9	62.9	63.1	63.5	63.5	63.9	63.9	63.9
GE 8000	2.9	55.4	60.6	63.4	65.6	65.7	66.3	66.6	66.6	66.8	67.2	67.2	67.5	67.5	67.5
GE 7000	2.9	56.1	61.4	64.3	66.5	66.6	67.2	67.4	67.4	67.6	68.1	68.1	68.4	68.4	68.4
GE 6000	2.9	57.0	62.3	65.2	67.3	67.4	68.1	68.3	68.3	68.5	68.9	68.9	69.2	69.2	69.2
GE 5000	3.2	59.4	65.4	68.8	71.4	71.5	72.2	72.4	72.4	72.6	73.0	73.0	73.3	73.3	73.3
GE 4500	3.2	59.7	65.8	69.5	72.2	72.3	72.9	73.1	73.1	73.4	73.9	73.9	74.2	74.2	74.2
GE 4000	3.2	62.4	68.6	72.8	76.0	76.1	76.8	77.0	77.0	77.3	77.7	77.7	78.1	78.1	78.1
GE 3500	3.2	63.2	69.8	74.1	77.3	77.4	78.1	78.3	78.3	78.6	79.0	79.0	79.4	79.4	79.4
GE 3000	3.2	63.7	70.5	74.9	78.2	78.3	78.9	79.1	79.1	79.5	79.9	79.9	80.2	80.2	80.2
GE 2500	3.2	64.2	71.2	75.6	78.8	79.0	79.8	80.0	80.0	80.3	80.8	80.8	81.1	81.1	81.1
GE 2000	3.2	65.7	72.8	77.3	80.6	81.1	81.8	82.0	82.0	82.4	82.8	82.8	83.1	83.1	83.1
GE 1800	3.2	65.7	72.8	77.3	80.6	81.1	81.8	82.0	82.0	82.4	82.8	82.8	83.1	83.1	83.1
GE 1500	3.2	66.0	73.1	77.7	81.2	81.6	82.5	82.7	82.7	83.0	83.4	83.4	83.8	83.8	83.8
GE 1200	3.2	66.3	73.9	78.6	82.3	82.8	83.7	83.9	83.9	84.2	84.6	84.6	84.9	84.9	84.9
GE 1000	3.2	66.9	74.8	80.0	83.8	84.3	85.3	85.5	85.5	85.9	86.3	86.3	86.7	86.7	86.7
GE 900	3.2	67.3	75.3	80.5	84.5	85.1	86.0	86.2	86.2	86.7	87.1	87.1	87.4	87.4	87.4
GE 800	3.3	67.8	75.9	81.6	85.6	86.1	87.2	87.4	87.4	87.8	88.3	88.3	88.6	88.6	88.6
GE 700	3.3	68.0	76.1	81.8	86.1	86.7	87.7	88.0	88.0	88.5	88.9	88.9	89.2	89.2	89.2
GE 600	3.3	68.0	76.2	82.0	86.6	87.2	88.3	88.5	88.5	89.0	89.5	89.5	89.8	89.8	89.8
GE 500	3.3	68.2	76.8	82.9	88.1	89.2	90.4	90.6	90.6	91.3	91.7	91.7	92.0	92.0	92.0
GE 400	3.3	68.3	76.9	83.3	88.8	90.4	91.7	92.0	92.0	92.7	93.2	93.2	93.5	93.5	93.5
GE 300	3.3	68.5	77.1	83.7	89.1	91.0	92.6	93.3	93.4	94.2	94.7	94.7	95.1	95.1	95.2
GE 200	3.3	68.5	77.1	83.7	89.5	91.3	93.2	94.1	94.2	95.1	95.9	95.9	96.5	96.5	96.8
GE 100	3.3	68.5	77.1	83.7	89.6	91.5	93.4	94.4	94.5	95.5	96.5	96.7	97.4	97.4	98.6
GE 0	3.3	68.5	77.1	83.7	89.6	91.5	93.4	94.4	94.5	95.5	96.5	96.7	97.5	98.1	98.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/ETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: MAY HOURS(LST): 0600-0800

CEILING VISIBILITY IN STATUTE MILES

FEET	10	6	5	4	3	2	1/2	1	1/4	1	3/4	5/8	1/2	5/16	1/4	0
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NO CEIL	2.7	40.5	44.1	46.1	46.6	46.8	47.7	48.0	48.2	48.3	48.4	48.4	48.4	48.4	48.4	48.4
GE 20000	2.8	46.2	51.1	53.5	54.1	54.3	55.3	55.5	55.7	55.8	55.9	55.9	55.9	55.9	55.9	55.9
GE 18000	2.8	46.6	51.4	53.9	54.4	54.6	55.6	55.8	56.0	56.1	56.2	56.2	56.2	56.2	56.2	56.2
GE 16000	2.8	47.0	51.8	54.3	54.8	55.1	56.0	56.2	56.5	56.6	56.7	56.7	56.7	56.7	56.7	56.7
GE 14000	2.8	47.4	52.5	55.2	55.8	56.0	57.0	57.2	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.6
GE 12000	2.9	49.4	54.6	57.4	58.2	58.4	59.5	59.7	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1
GE 10000	2.9	52.9	58.5	62.2	63.2	63.4	64.6	64.8	65.1	65.3	65.4	65.4	65.4	65.4	65.4	65.4
GE 9000	2.9	53.5	59.1	62.8	64.0	64.2	65.6	65.8	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3
GE 8000	3.1	56.0	61.9	66.3	68.2	68.5	70.0	70.2	70.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8
GE 7000	3.2	56.8	62.8	67.4	69.5	69.8	71.3	71.5	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0
GE 6000	3.2	57.7	63.8	68.5	70.5	70.9	72.6	72.9	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.4
GE 5000	3.2	59.5	65.6	70.4	73.0	73.3	75.3	75.6	75.8	76.0	76.1	76.1	76.1	76.1	76.1	76.1
GE 4500	3.2	59.9	66.1	71.0	73.5	73.9	75.9	76.2	76.5	76.7	76.8	76.8	76.8	76.8	76.8	76.8
GE 4000	3.2	61.7	68.3	73.3	76.2	76.6	78.6	78.9	79.1	79.4	79.5	79.5	79.5	79.5	79.5	79.5
GE 3500	3.2	61.9	68.5	73.7	76.6	76.9	78.9	79.2	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.8
GE 3000	3.2	62.2	68.7	74.1	77.1	77.4	79.5	79.8	80.0	80.2	80.3	80.3	80.3	80.3	80.3	80.3
GE 2500	3.2	62.2	68.7	74.3	77.5	77.8	80.0	80.3	80.5	80.9	81.0	81.0	81.0	81.0	81.0	81.0
GE 2000	3.2	62.7	69.6	75.6	78.9	79.4	81.5	81.8	82.0	82.4	82.5	82.5	82.5	82.5	82.5	82.5
GE 1800	3.2	62.7	69.6	75.7	79.0	79.6	81.7	82.0	82.3	82.6	82.7	82.7	82.7	82.7	82.7	82.7
GE 1500	3.2	63.2	70.3	76.6	79.9	80.4	82.6	82.9	83.1	83.4	83.5	83.5	83.5	83.5	83.5	83.5
GE 1200	3.2	64.2	71.6	78.3	81.7	82.6	84.7	85.1	85.3	85.6	85.7	85.7	85.7	85.7	85.7	85.7
GE 1000	3.2	65.1	72.6	79.4	83.3	84.4	86.7	87.0	87.2	87.5	87.6	87.6	87.6	87.6	87.6	87.6
GE 900	3.2	65.1	72.7	79.5	83.5	84.7	87.0	87.3	87.5	87.8	88.0	88.0	88.0	88.0	88.0	88.0
GE 800	3.2	65.2	72.9	79.9	84.2	85.4	88.0	88.3	88.5	88.9	89.0	89.0	89.0	89.0	89.0	89.0
GE 700	3.2	65.4	73.4	80.6	85.1	86.3	88.9	89.4	89.7	90.1	90.2	90.2	90.2	90.2	90.2	90.2
GE 600	3.2	65.4	73.5	80.8	85.2	86.6	89.1	89.6	89.9	90.3	90.4	90.4	90.4	90.4	90.4	90.4
GE 500	3.2	65.5	74.1	81.9	86.5	88.0	91.1	91.7	92.0	92.5	92.6	92.6	92.6	92.6	92.6	92.6
GE 400	3.2	65.7	74.5	82.4	87.4	89.5	92.8	93.6	94.1	94.6	94.8	94.8	94.8	94.8	94.8	94.8
GE 300	3.2	65.8	74.7	82.7	88.1	90.3	93.7	94.7	95.1	96.0	96.5	96.6	96.6	96.6	96.6	96.6
GE 200	3.2	65.8	74.7	82.7	88.1	90.3	93.7	94.8	95.2	96.3	97.1	97.2	97.5	97.8	98.2	98.2
GE 100	3.2	65.8	74.7	82.7	88.2	90.4	93.8	94.9	95.3	96.6	97.3	97.4	97.7	98.3	99.0	99.8
GE 0	3.2	65.8	74.7	82.7	88.2	90.4	93.8	94.9	95.3	96.6	97.3	97.4	97.7	98.3	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/ETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86

MONTH: MAY HOURS(SL): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	10	9	8	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	1/4	0
NO CEIL	4.3	4.8	50.3	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 20000	4.7	55.2	56.9	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 18000	4.7	55.5	57.2	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 16000	4.7	55.5	57.2	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 14000	4.8	55.9	57.7	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	58.6
GE 12000	4.8	58.8	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 10000	4.8	61.8	63.8	64.6	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 9000	4.8	62.4	65.3	65.2	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 8000	4.8	65.2	67.6	68.6	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 7000	4.8	66.6	69.1	70.1	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 6000	4.8	67.4	70.0	71.1	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	71.8
GE 5000	4.8	69.2	71.9	73.0	73.7	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 4500	4.8	69.2	72.4	73.4	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 4000	5.2	72.3	75.1	76.5	77.5	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 3500	5.2	73.4	76.2	77.6	78.7	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 3000	5.2	75.1	78.1	79.7	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 2500	5.2	75.9	78.9	80.5	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 2000	5.2	76.8	79.7	81.4	83.2	83.3	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 1800	5.2	77.1	80.2	81.9	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 1500	5.2	78.4	81.9	83.8	86.1	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 1200	5.2	79.7	83.4	85.9	88.6	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1000	5.2	80.1	84.4	87.0	89.7	90.4	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 900	5.2	80.6	84.9	87.5	90.2	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 800	5.2	81.0	85.7	88.4	91.5	92.4	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 700	5.2	81.4	86.3	89.0	92.3	93.1	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 600	5.2	81.5	86.5	89.2	92.7	93.5	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 500	5.2	82.0	87.8	91.3	95.1	96.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 400	5.2	82.2	88.0	91.8	95.7	97.1	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	5.2	82.2	88.1	92.0	95.9	97.4	98.7	98.8	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	5.2	82.2	88.1	92.0	95.9	97.4	98.8	98.9	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	5.2	82.2	88.1	92.0	95.9	97.4	98.8	98.9	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 0	5.2	82.2	88.1	92.0	95.9	97.4	98.8	98.9	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/ETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724086 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-96
 MONTH: MAY HOURS(SI): 1200-1800

CEILING	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	4.8	44.7	45.9	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
6E 20000	6.1	55.5	56.7	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
6E 18000	6.1	55.7	56.9	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
6E 16000	6.1	55.8	57.0	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
6E 14000	6.1	56.7	57.8	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
6E 12000	6.2	57.7	59.1	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
6E 10000	6.2	61.2	62.6	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
6E 9000	6.2	61.8	63.2	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
6E 8000	6.5	64.9	66.5	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
6E 7000	6.5	65.5	67.0	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
6E 6000	6.5	65.9	67.4	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
6E 5000	6.5	67.7	69.2	69.9	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
6E 4500	6.5	68.6	70.3	70.8	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
6E 4000	6.7	74.4	76.0	76.7	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
6E 3500	6.7	77.3	79.1	79.9	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
6E 3000	6.7	81.2	83.4	84.3	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
6E 2500	6.7	83.0	85.5	86.5	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
6E 2000	6.7	84.1	86.6	87.6	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
6E 1800	6.7	84.5	87.1	88.3	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
6E 1500	6.7	84.9	87.7	89.2	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
6E 1200	6.7	85.8	89.5	91.1	92.9	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
6E 1000	6.7	86.1	90.1	91.8	93.9	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
6E 900	6.7	86.3	90.4	92.2	94.2	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
6E 800	6.7	86.6	90.9	93.0	95.3	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
6E 700	6.7	87.0	91.5	93.8	96.2	96.9	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
6E 600	6.7	87.0	91.6	93.9	96.5	97.1	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
6E 500	6.7	87.1	91.7	94.3	97.1	98.0	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
6E 400	6.7	87.1	91.7	94.3	97.1	98.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
6E 300	6.7	87.1	91.7	94.3	97.1	98.0	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
6E 200	6.7	87.1	91.7	94.3	97.3	98.3	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
6E 100	6.7	87.1	91.7	94.3	97.3	98.3	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
6E 01	6.7	87.1	91.7	94.3	97.3	98.3	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088		STATION NAME: DOVER AFB DE		PERIOD OF RECORD: 77-86																					
		MONTHS: MAY HOURS(LST): 1500-1700																							
IN	FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20				
CEILING		1/2	1	1 1/2	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
		VISIBILITY IN STATUTE MILES																							
NO CEIL	1	6.3	97.7	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5		
GE 20000	1	7.2	58.8	59.8	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	60.0	60.0	60.0	60.0	60.0	
GE 18000	1	7.2	59.1	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 16000	1	7.2	59.4	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 14000	1	7.6	60.8	61.7	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	61.9	61.9	61.9	61.9	61.9	61.9
GE 12000	1	7.6	61.4	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 10000	1	7.6	64.0	65.4	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	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 9000	1	7.6	64.7	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 8000	1	7.6	68.2	70.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 7000	1	7.6	68.7	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 6000	1	7.6	69.5	71.8	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 5000	1	7.6	71.3	73.8	74.6	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 4500	1	7.7	72.0	74.6	75.5	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 4000	1	7.8	76.5	79.6	80.6	81.8	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	81.9	81.9	81.9	81.9	81.9
GE 3500	1	7.8	78.5	81.7	83.2	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3000	1	7.8	80.9	84.4	86.0	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 2500	1	7.8	82.5	86.0	87.8	89.2	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 2000	1	7.8	83.0	87.0	89.0	90.6	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1800	1	7.8	83.0	87.1	89.2	90.9	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1500	1	7.8	83.5	87.6	89.8	91.6	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1200	1	7.8	84.1	88.6	91.0	92.8	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1000	1	7.8	84.6	89.5	92.0	93.9	94.2	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	94.6	94.6	94.6	94.6
GE 900	1	7.8	84.8	89.8	92.5	94.4	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 800	1	7.8	84.9	90.1	93.0	95.2	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	96.0	96.0	96.0	96.0	96.0	96.0
GE 700	1	7.8	85.7	90.9	93.9	96.2	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 600	1	7.8	85.7	90.9	93.9	96.2	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 500	1	7.8	85.9	91.1	94.2	96.7	97.5	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 400	1	7.8	85.9	91.1	94.2	96.7	97.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	1	7.8	85.9	91.1	94.2	96.7	97.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 200	1	7.8	85.9	91.1	94.2	96.7	97.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 100	1	7.8	85.9	91.1	94.2	96.7	97.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 0	1	7.8	85.9	91.1	94.2	96.7	97.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE

PERIOD OF RECORD: 77-86
 MONTH: MAY HOURS(LIST): 2100-2300

CEILING	VISIBILITY IN STATUTE MILES												
	1	2	3	4	5	6	7	8	9	10	11	12	
NO CEIL	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 20000	4.7	53.3	56.5	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 18000	4.7	53.4	56.6	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 16000	4.7	53.4	56.6	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 14000	4.7	53.8	56.9	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 12000	4.7	55.2	58.4	58.8	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 10000	4.7	58.1	61.6	62.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 9000	4.7	58.9	62.5	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 8000	4.9	61.9	65.7	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 7000	4.9	62.4	66.4	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 6000	4.9	63.0	67.2	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 5000	5.1	66.7	71.2	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 4500	5.1	67.5	72.2	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 4000	5.1	71.4	76.6	77.8	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 3500	5.1	73.8	79.5	80.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 3000	5.1	75.5	81.8	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 2500	5.1	76.0	82.7	84.2	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 2000	5.1	76.3	83.1	85.1	85.9	86.0	86.3	86.6	86.7	86.7	86.7	86.7	86.7
GE 1800	5.1	76.5	83.3	85.5	86.5	86.6	86.9	87.1	87.2	87.2	87.2	87.2	87.2
GE 1500	5.1	76.9	83.9	86.2	87.2	87.3	87.6	87.8	88.0	88.0	88.0	88.0	88.0
GE 1200	5.1	78.0	85.2	88.0	89.1	89.2	89.8	90.1	90.3	90.3	90.3	90.3	90.3
GE 1000	5.1	78.5	85.7	88.6	89.9	90.0	90.5	90.9	91.1	91.1	91.1	91.1	91.1
GE 900	5.1	78.6	85.9	88.9	90.5	90.6	91.2	91.5	91.7	91.7	91.7	91.7	91.7
GE 800	5.1	78.8	86.2	89.2	90.9	91.0	91.5	91.8	92.0	92.0	92.0	92.0	92.0
GE 700	5.1	79.0	86.7	90.0	91.7	91.8	92.4	92.7	92.9	93.0	93.0	93.0	93.0
GE 600	5.1	79.0	86.9	90.2	92.0	92.2	92.7	93.0	93.2	93.3	93.3	93.3	93.3
GE 500	5.1	79.6	87.8	91.4	93.9	94.0	94.6	95.1	95.3	95.4	95.4	95.4	95.4
GE 400	5.1	79.7	88.1	91.7	94.8	94.8	95.6	96.1	96.5	96.6	96.6	96.6	96.6
GE 300	5.1	79.8	88.3	92.4	95.8	95.9	96.7	97.3	97.6	97.7	97.7	97.7	97.7
GE 200	5.1	79.8	88.3	92.4	95.9	96.1	97.1	97.8	98.1	98.4	98.4	98.4	98.4
GE 100	5.1	79.8	88.3	92.4	95.9	96.1	97.2	98.3	98.6	98.7	98.9	99.2	99.6
GE 01	5.1	79.8	88.3	92.4	95.9	96.1	97.2	98.3	98.6	98.7	98.9	99.1	99.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: MAY HOURS(LSTD): ALL

CEILING VISIBILITY IN STATUTE MILES

	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	4.3	45.3	47.2	48.0	48.3	48.4	48.6	48.7	48.8	48.8	48.8	48.8	48.8	48.0
5E 20000	4.9	52.8	55.3	56.3	56.6	56.7	56.9	57.0	57.1	57.1	57.2	57.2	57.2	57.2
6E 18000	4.9	53.0	55.5	56.5	56.8	56.9	57.1	57.2	57.3	57.3	57.4	57.4	57.4	57.4
7E 16000	4.9	53.1	55.6	56.6	57.0	57.0	57.2	57.3	57.4	57.4	57.5	57.5	57.5	57.5
8E 14000	4.9	53.8	56.3	57.3	57.7	57.8	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.2
9E 12000	5.0	54.8	57.5	58.5	59.0	59.0	59.3	59.4	59.4	59.5	59.5	59.5	59.5	59.5
0E 10000	5.0	58.6	61.6	62.9	63.4	63.5	63.7	63.8	63.9	64.0	64.0	64.0	64.0	64.0
1E 9000	5.0	59.4	62.5	63.7	64.3	64.4	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9
2E 8000	5.1	62.4	65.8	67.3	68.0	68.1	68.4	68.5	68.5	68.6	68.7	68.7	68.7	68.7
3E 7000	5.1	63.2	66.7	68.3	69.1	69.2	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.7
4E 6000	5.1	63.9	67.5	69.1	70.0	70.1	70.4	70.5	70.6	70.7	70.7	70.7	70.7	70.7
5E 5000	5.2	66.3	70.1	71.9	73.0	73.1	73.5	73.6	73.7	73.7	73.8	73.8	73.8	73.8
6E 4500	5.2	66.9	70.9	72.7	73.9	74.0	74.5	74.5	74.6	74.7	74.7	74.7	74.7	74.7
7E 4000	5.3	70.5	74.8	76.9	78.4	78.6	79.0	79.1	79.2	79.3	79.3	79.3	79.3	79.3
8E 3500	5.3	71.9	76.5	78.7	80.2	80.3	80.8	80.9	81.0	81.1	81.1	81.1	81.1	81.1
9E 3000	5.3	73.6	78.5	80.9	82.5	82.6	83.1	83.2	83.3	83.4	83.5	83.5	83.5	83.5
0E 2500	5.3	74.5	79.5	82.0	83.7	83.9	84.4	84.5	84.6	84.7	84.8	84.8	84.8	84.8
1E 2000	5.3	75.3	80.4	83.2	85.0	85.3	85.8	86.0	86.1	86.2	86.2	86.2	86.2	86.2
2E 1800	5.3	75.5	80.6	83.5	85.3	85.6	86.2	86.3	86.4	86.5	86.5	86.6	86.6	86.6
3E 1500	5.3	76.0	81.4	84.3	86.4	86.7	87.3	87.4	87.5	87.6	87.7	87.7	87.7	87.7
4E 1200	5.3	76.8	82.6	85.9	88.1	88.5	89.2	89.4	89.5	89.6	89.6	89.6	89.6	89.6
5E 1000	5.3	77.2	83.3	86.8	89.1	89.7	90.4	90.6	90.6	90.8	90.9	90.9	90.9	90.9
6E 900	5.3	77.4	83.6	87.2	89.6	90.2	91.0	91.1	91.2	91.3	91.4	91.4	91.4	91.4
7E 800	5.3	77.7	84.0	87.8	90.4	91.0	91.9	92.0	92.1	92.2	92.3	92.3	92.3	92.3
8E 700	5.3	78.1	84.6	88.5	91.3	92.0	93.1	93.2	93.4	93.4	93.5	93.5	93.5	93.5
9E 600	5.3	78.1	84.8	88.7	91.6	92.3	93.2	93.5	93.6	93.8	93.9	93.9	93.9	93.9
0E 500	5.3	78.4	85.4	89.7	93.0	93.9	95.0	95.3	95.6	95.7	95.8	95.8	95.8	95.8
1E 400	5.3	78.6	85.6	90.0	93.6	94.7	96.0	96.4	96.5	96.7	96.9	96.9	96.9	96.9
2E 300	5.3	78.6	85.7	90.3	93.9	95.1	96.5	97.1	97.3	97.7	97.9	98.0	98.0	98.0
3E 200	5.3	78.6	85.7	90.3	94.1	95.3	96.8	97.5	97.7	98.2	98.5	98.8	98.9	98.9
4E 100	5.3	78.6	85.7	90.3	94.1	95.4	96.9	97.6	97.8	98.4	98.8	99.1	99.5	99.5
5E 0	5.3	78.6	85.7	90.3	94.1	95.4	96.9	97.6	97.8	98.4	98.8	99.1	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/ECAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: JUN HOURS: 15:00-02:00

CEILING VISIBILITY IN STATUTE MILES
 FEET 10 6 5 4 3 2 1/2 1 3/4 1/2 5/8 1/4 1/4 0

NO	CEIL	1	4.7	49.6	54.7	57.1	58.8	59.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 20000	4.8	59.8	61.0	63.7	65.4	65.9	66.4	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 18000	4.8	59.8	61.0	63.7	65.4	65.9	66.4	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 16000	4.8	59.8	61.0	63.7	65.4	65.9	66.4	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 14000	4.8	55.1	61.3	64.1	65.9	66.3	66.9	67.6	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 12000	4.8	55.9	62.1	64.9	66.7	67.1	67.7	68.3	68.4	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 10000	4.8	57.9	64.1	67.1	68.9	69.3	69.9	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 9000	4.8	58.8	65.0	68.0	69.8	70.2	70.8	71.4	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 8000	4.8	61.3	67.8	71.6	73.7	74.1	74.7	75.3	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 7000	4.9	62.4	68.9	72.7	74.8	75.2	75.8	76.4	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 6000	4.9	63.0	69.4	73.2	75.3	75.8	76.3	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 5000	4.9	65.4	73.1	77.0	79.1	79.7	80.2	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 4500	4.9	67.2	74.9	79.1	81.3	81.9	82.4	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 4000	4.9	70.4	78.8	83.2	86.1	86.7	87.4	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 3500	4.9	71.8	80.2	84.7	87.6	88.1	88.9	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 3000	4.9	72.7	81.1	85.6	88.6	89.1	89.9	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 2500	4.9	73.0	81.6	86.0	89.0	89.6	90.3	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 2000	4.9	73.8	82.3	87.1	90.2	90.8	91.6	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1800	4.9	73.8	82.4	87.2	90.3	90.9	91.7	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1500	4.9	74.2	83.2	88.1	91.2	91.8	92.6	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1200	4.9	74.3	83.3	88.3	91.7	92.3	93.1	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1000	4.9	74.6	83.6	88.9	92.2	92.9	93.7	94.3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 900	4.9	74.6	83.7	89.1	92.4	93.1	93.9	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 800	4.9	74.7	83.8	89.6	92.9	93.6	94.3	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 700	4.9	75.1	84.2	90.0	93.4	94.1	94.9	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 600	4.9	75.4	84.8	90.6	94.0	94.7	95.4	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 500	4.9	75.6	85.2	91.2	94.8	95.4	96.3	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 400	4.9	75.9	85.6	91.9	95.7	96.3	97.3	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 300	4.9	75.9	85.7	92.0	95.9	96.6	97.7	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 200	4.9	75.9	85.7	92.0	95.9	96.6	97.7	98.6	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 100	4.9	75.9	85.7	92.0	95.9	96.6	97.7	98.7	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 01	4.9	75.9	85.7	92.0	95.9	96.6	97.7	98.7	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/AC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: JUN HOURS(LST): 0300-0500

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	3.6	39.0	42.3	47.2	49.6	50.4	51.0	51.7	51.8	52.6	52.7	52.7	52.8	52.8	52.8	52.8
GE 20000	3.7	45.3	50.4	55.9	59.1	60.2	60.9	61.6	61.7	62.6	62.7	62.7	62.9	62.9	62.9	62.9
GE 18000	3.7	45.3	50.6	56.0	59.2	60.3	61.0	61.7	61.8	62.7	62.8	62.8	63.0	63.0	63.0	63.0
GE 16000	3.7	45.3	50.6	56.0	59.2	60.3	61.0	61.7	61.8	62.7	62.8	62.8	63.0	63.0	63.0	63.0
GE 14000	3.7	45.6	50.9	56.4	59.7	60.9	61.6	62.2	62.6	63.4	63.6	63.6	63.8	63.8	63.8	63.8
GE 12000	3.7	45.8	51.1	56.7	60.2	61.4	62.1	62.8	63.1	64.0	64.1	64.1	64.3	64.3	64.3	64.3
GE 10000	3.7	49.6	55.2	61.2	64.9	66.1	66.8	67.7	68.1	69.1	69.2	69.2	69.4	69.4	69.4	69.4
GE 9000	3.7	50.6	56.2	62.3	66.0	67.2	67.9	68.8	69.2	70.2	70.3	70.3	70.6	70.6	70.6	70.6
GE 8000	3.7	53.8	59.8	66.3	70.1	71.4	72.1	73.0	73.4	74.4	74.6	74.6	74.8	74.8	74.8	74.8
GE 7000	3.8	55.2	61.3	67.9	71.7	73.0	73.7	74.6	75.0	76.0	76.1	76.1	76.3	76.3	76.3	76.3
GE 6000	3.8	55.7	61.9	68.4	72.2	73.6	74.2	75.1	75.6	76.6	76.7	76.7	76.9	76.9	76.9	76.9
GE 5000	3.8	56.4	62.9	69.7	73.7	75.1	75.8	76.7	77.1	78.1	78.2	78.2	78.4	78.4	78.4	78.4
GE 4500	3.8	57.7	64.2	71.0	75.2	76.7	77.3	78.2	78.7	79.7	79.8	79.8	80.0	80.0	80.0	80.0
GE 4000	3.8	61.7	69.3	76.6	80.9	82.3	83.2	84.1	84.6	85.6	85.7	85.7	85.9	85.9	85.9	85.9
GE 3500	3.8	62.3	70.2	77.4	81.9	83.4	84.3	85.2	85.7	86.7	86.8	86.8	87.0	87.0	87.0	87.0
GE 3000	3.8	62.8	70.9	78.1	82.6	84.1	85.0	85.9	86.3	87.3	87.4	87.4	87.7	87.7	87.7	87.7
GE 2500	3.8	63.0	71.1	78.4	82.9	84.4	85.6	86.4	86.9	87.9	88.0	88.0	88.2	88.2	88.2	88.2
GE 2000	3.8	63.8	72.1	79.6	84.0	85.6	86.8	87.9	88.3	89.3	89.4	89.4	89.7	89.7	89.7	89.7
GE 1800	3.8	64.1	72.6	80.0	84.4	86.0	87.2	88.3	88.8	89.8	89.9	89.9	90.1	90.1	90.1	90.1
GE 1500	3.8	64.6	73.1	80.7	85.1	86.7	87.9	89.0	89.4	90.4	90.6	90.6	90.8	90.8	90.8	90.8
GE 1200	3.8	64.8	73.4	81.1	85.7	87.2	88.4	89.6	90.0	91.0	91.1	91.1	91.3	91.3	91.3	91.3
GE 1000	3.8	64.9	73.6	81.2	86.2	87.8	89.0	90.1	90.6	91.6	91.7	91.7	91.9	91.9	91.9	91.9
GE 900	3.8	65.0	73.7	81.3	86.3	88.1	89.4	90.6	91.0	92.0	92.1	92.1	92.3	92.3	92.3	92.3
GE 800	3.8	65.4	74.2	82.2	87.2	89.1	90.4	91.6	92.0	93.0	93.1	93.1	93.3	93.3	93.3	93.3
GE 700	3.8	66.0	75.1	83.1	88.1	90.0	91.3	92.4	92.9	93.9	94.0	94.0	94.2	94.2	94.2	94.2
GE 600	3.8	66.0	75.2	83.3	88.6	90.4	91.8	92.9	93.3	94.3	94.4	94.4	94.7	94.7	94.7	94.7
GE 500	3.8	66.0	75.4	83.7	89.4	91.3	92.8	93.9	94.3	95.3	95.4	95.4	95.7	95.7	95.7	95.7
GE 400	3.8	66.3	75.8	84.0	90.0	91.9	93.4	94.6	95.0	96.0	96.1	96.1	96.6	96.6	96.6	96.6
GE 300	3.8	66.3	75.8	84.0	90.2	92.2	94.0	95.1	95.6	96.6	96.7	96.7	97.2	97.2	97.2	97.4
GE 200	3.8	66.3	75.8	84.0	90.2	92.2	94.0	95.2	95.7	96.9	97.1	97.1	98.0	98.0	98.0	98.2
GE 100	3.8	66.3	75.8	84.0	90.2	92.2	94.0	95.2	95.7	96.9	97.2	97.2	98.2	98.2	98.2	99.7
GE 01	3.8	66.3	75.8	84.0	90.2	92.2	94.0	95.2	95.7	96.9	97.2	97.2	98.2	98.2	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/HAC

STATION NUMBER: T24088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: JUN HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	2	3	4	5	6	10	1/2	1	1 1/4	1 3/4	2	3/4	5/8	1/2	5/16	1/4
NO CEIL	4.6	39.6	43.6	48.4	51.4	53.0	54.0	54.6	54.7	54.8	55.0	55.2	55.2	55.2	55.2	55.2	55.2
GE 20000	4.6	45.3	49.9	55.2	58.8	60.4	61.8	62.6	62.7	62.8	63.0	63.2	63.2	63.2	63.2	63.2	63.2
GE 18000	4.6	45.4	50.0	55.6	59.1	60.8	62.1	62.9	63.1	63.3	63.3	63.6	63.6	63.6	63.6	63.6	63.6
GE 16000	4.6	45.7	50.3	55.9	59.4	61.1	62.4	63.2	63.4	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 14000	4.6	46.0	50.7	56.3	59.9	61.6	62.9	63.7	63.8	63.9	64.1	64.3	64.3	64.3	64.3	64.3	64.3
GE 12000	4.8	46.8	51.4	57.1	60.7	62.3	63.7	64.4	64.6	64.7	64.9	65.1	65.1	65.1	65.1	65.1	65.1
GE 10000	4.9	49.7	55.3	62.4	66.7	68.3	69.8	70.8	70.9	71.0	71.2	71.4	71.4	71.4	71.4	71.4	71.4
GE 9000	4.9	50.8	56.9	64.0	68.2	70.0	71.4	72.4	72.6	72.7	72.9	73.1	73.1	73.1	73.1	73.1	73.1
GE 8000	5.0	53.3	60.3	68.2	72.6	74.4	75.9	76.9	77.1	77.3	77.3	77.6	77.6	77.6	77.6	77.6	77.6
GE 7000	5.1	54.3	61.3	69.3	73.8	75.7	77.1	78.2	78.3	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8
GE 6000	5.3	55.2	62.3	70.4	74.9	76.8	78.2	79.3	79.4	79.6	79.8	80.0	80.0	80.0	80.0	80.0	80.0
GE 5000	5.3	56.4	63.6	71.7	76.2	78.1	79.7	80.9	81.0	81.1	81.3	81.6	81.6	81.6	81.6	81.6	81.6
GE 4500	5.3	56.8	64.0	72.1	76.7	78.6	80.1	81.3	81.4	81.6	81.8	82.0	82.0	82.0	82.0	82.0	82.0
GE 4000	5.3	58.0	65.4	73.9	78.4	80.4	83.0	83.2	83.2	83.6	83.8	84.0	84.0	84.0	84.0	84.0	84.0
GE 3500	5.3	58.9	66.4	74.9	79.4	81.4	83.0	84.4	84.4	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1
GE 3000	5.3	59.3	67.0	75.7	80.2	82.3	84.1	85.4	85.6	85.8	86.0	86.2	86.2	86.2	86.2	86.2	86.2
GE 2500	5.3	59.8	67.4	76.1	80.6	83.0	85.0	86.4	86.6	86.8	87.0	87.2	87.2	87.2	87.2	87.2	87.2
GE 2000	5.3	60.3	68.2	77.3	82.2	84.4	86.6	88.0	88.1	88.4	88.8	89.0	89.0	89.0	89.0	89.0	89.0
GE 1800	5.3	60.6	68.4	77.6	82.4	84.8	86.9	88.3	88.4	88.8	89.1	89.3	89.3	89.3	89.3	89.3	89.3
GE 1500	5.3	60.8	68.8	77.9	82.8	85.1	87.3	88.8	88.9	89.2	89.6	89.8	89.8	89.8	89.8	89.8	89.8
GE 1200	5.3	61.2	69.3	78.6	83.4	85.9	88.1	89.6	89.7	90.0	90.3	90.6	90.6	90.6	90.6	90.6	90.6
GE 1000	5.3	61.6	69.7	78.9	84.0	86.6	88.9	90.3	90.4	90.8	91.1	91.3	91.3	91.3	91.3	91.3	91.3
GE 900	5.3	61.7	69.9	79.2	84.6	87.2	89.6	91.0	91.1	91.4	91.8	92.0	92.0	92.0	92.0	92.0	92.0
GE 800	5.3	62.0	70.3	80.0	85.3	88.1	90.4	91.9	92.0	92.3	92.7	92.9	92.9	92.9	92.9	92.9	92.9
GE 700	5.3	62.4	70.8	80.4	85.9	88.7	91.2	92.7	92.8	93.1	93.4	93.7	93.7	93.7	93.7	93.7	93.7
GE 600	5.3	62.4	70.9	80.6	86.1	88.9	91.4	92.9	93.0	93.3	93.7	93.9	93.9	93.9	93.9	93.9	93.9
GE 500	5.3	62.4	70.9	80.7	86.9	89.7	92.6	94.3	94.4	95.1	95.6	95.8	95.8	95.8	95.8	95.8	95.8
GE 400	5.3	62.6	71.1	81.0	87.3	90.3	93.4	95.3	95.4	96.6	97.2	97.6	97.6	97.6	97.6	97.6	97.6
GE 300	5.3	62.6	71.1	81.0	87.4	90.4	93.9	95.9	96.0	97.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6
GE 200	5.3	62.6	71.1	81.0	87.4	90.4	94.0	96.0	96.1	97.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0
GE 100	5.3	62.6	71.1	81.0	87.4	90.4	94.0	96.0	96.1	97.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0
GE 0	5.3	62.6	71.1	81.0	87.4	90.4	94.0	96.0	96.1	97.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/CIAC FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 729088 STATION NAME: DOVER AFB DE

PERIOD OF RECORD: 77-86

MONTH: JUN HOURS: 01-24

..... VISIBILITY IN STATUTE MILES

CEILING

IN FEET

10 6 5 4 3 2 1/2 1 3/4 1/2 5/8 1/4 1/4 0

NO CEIL

20000

18000

16000

14000

12000

10000

9000

8000

7000

6000

5000

4500

4000

3500

3000

2500

2000

1800

1500

1200

1000

900

800

700

600

500

400

300

200

100

0

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TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/AFAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE

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

CEILING VISIBILITY IN STATUTE MILES

IN FEET	10	6	5	4	3	2	1/2	1	1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	9.6	49.1	51.6	53.1	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	10.3	57.1	60.6	62.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 18000	10.3	57.3	60.8	62.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 16000	10.3	57.8	61.2	62.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 14000	10.6	58.9	62.4	64.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 12000	10.6	59.3	63.0	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 10000	10.8	63.7	67.4	69.4	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 9000	10.9	64.2	68.0	70.0	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 8000	11.1	67.7	72.0	74.0	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 7000	11.3	68.8	73.1	75.1	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 6000	11.3	69.8	74.1	76.1	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 5000	11.7	71.6	75.9	77.9	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 4500	11.7	72.2	76.6	78.6	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 4000	12.0	76.4	81.2	83.6	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 3500	12.0	77.8	82.8	85.3	88.2	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 3000	12.0	81.7	87.2	90.0	93.0	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 2500	12.0	81.7	87.3	90.2	93.3	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 2000	12.0	82.1	87.3	90.8	93.9	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1800	12.0	82.2	88.1	91.3	94.1	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1500	12.0	82.3	88.2	91.1	94.2	94.7	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1200	12.0	82.8	88.8	91.9	95.7	96.1	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1000	12.0	83.0	89.1	92.2	96.1	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 900	12.0	83.0	89.1	92.2	96.2	96.8	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 800	12.0	83.2	89.6	92.7	96.8	97.3	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	12.0	83.3	89.7	92.8	96.9	97.4	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	12.0	83.4	89.8	92.9	97.0	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 500	12.0	83.4	89.8	93.3	97.8	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	12.0	83.4	89.8	93.3	97.8	98.6	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	12.0	83.4	89.8	93.3	97.9	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	12.0	83.4	89.8	93.3	97.9	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	12.0	83.4	89.8	93.3	97.9	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 0	12.0	83.4	89.8	93.3	97.9	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: JUN HOURS(LST): 1500-1700

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	7.3	49.9	52.4	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 20000	7.6	59.3	63.0	65.0	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 18000	7.7	59.6	63.2	65.2	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 16000	7.7	59.8	63.4	65.4	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	7.7	60.7	64.3	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 12000	8.0	62.1	65.9	68.2	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 10000	8.2	65.4	69.8	72.1	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 9000	8.8	66.8	71.1	73.4	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 8000	8.8	68.7	73.4	76.1	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 7000	8.8	70.2	75.0	77.7	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 6000	8.8	71.6	76.3	79.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 5000	9.0	73.0	77.8	80.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 4500	9.0	74.1	79.0	82.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 4000	9.2	79.1	84.7	87.9	89.2	89.3	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 3500	9.2	80.8	86.8	90.2	91.8	91.9	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 3000	9.2	82.4	88.6	92.0	93.7	93.8	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2500	9.2	83.1	89.7	93.3	95.1	95.2	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2000	9.2	83.7	90.3	94.1	95.9	96.0	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1800	9.2	83.7	90.3	94.1	95.9	96.0	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1500	9.2	84.0	90.8	94.7	96.6	96.7	97.4	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 1200	9.2	84.0	90.8	94.7	97.0	97.1	97.9	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	9.2	84.1	90.9	94.8	97.3	97.4	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	9.2	84.2	91.0	94.9	97.4	97.6	98.3	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	9.2	84.3	91.2	95.2	97.9	98.0	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	9.2	84.3	91.2	95.2	98.1	98.3	99.1	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	9.2	84.3	91.2	95.2	98.1	98.3	99.1	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	9.2	84.3	91.2	95.3	98.2	98.6	99.3	99.3	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9
GE 400	9.2	84.3	91.2	95.3	98.2	98.6	99.3	99.3	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9
GE 300	9.2	84.3	91.2	95.4	98.3	98.7	99.4	99.4	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0
GE 200	9.2	84.3	91.2	95.4	98.3	98.7	99.4	99.4	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0
GE 100	9.2	84.3	91.2	95.4	98.3	98.7	99.4	99.4	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0
GE 0	9.2	84.3	91.2	95.4	98.3	98.7	99.4	99.4	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/ETAC FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: JUN HOURS: 1800-2000

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	6.5	49.2	51.6	52.4	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 20000	6.6	59.4	63.3	64.9	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 18000	6.8	59.6	63.5	65.1	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 16000	6.8	59.7	63.6	65.3	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 14000	6.8	60.0	64.3	65.9	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 12000	6.8	61.0	65.4	67.3	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 10000	7.5	64.5	69.3	71.4	72.9	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 9000	7.7	65.0	69.8	71.9	73.5	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 8000	7.9	67.9	73.1	75.6	77.4	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 7000	7.9	69.6	74.8	77.4	79.3	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 6000	7.9	70.7	76.1	78.7	80.6	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 5000	7.9	72.4	78.0	80.8	82.7	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 4500	7.9	73.2	78.7	81.7	83.6	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 4000	7.9	76.5	83.1	86.2	88.3	88.6	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 3500	7.9	78.2	85.0	88.1	90.3	90.6	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 3000	7.9	79.8	87.0	90.3	92.7	93.0	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 2500	7.9	80.4	87.5	90.9	93.4	93.9	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2000	7.9	80.4	87.5	91.3	94.0	94.4	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1800	7.9	80.4	87.5	91.3	94.0	94.4	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1500	7.9	80.6	87.8	91.6	94.3	94.9	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1200	7.9	80.7	88.3	92.3	95.0	95.5	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1000	7.9	81.0	88.5	92.7	95.7	96.3	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	7.9	81.0	88.5	92.7	95.7	96.3	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 800	7.9	81.5	89.1	93.4	96.5	97.2	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	7.9	81.5	89.2	93.5	96.7	97.3	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	7.9	81.5	89.3	93.7	96.8	97.4	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	7.9	81.7	89.5	94.1	97.4	98.1	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	7.9	81.7	89.5	94.1	97.6	98.2	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	7.9	81.7	89.5	94.1	97.6	98.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	7.9	81.7	89.5	94.1	97.6	98.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	7.9	81.7	89.5	94.1	97.6	98.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 0	7.9	81.7	89.5	94.1	97.6	98.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

GLOBAL CLIMATOLOGY BRANCH
 USAF/CIAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088		STATION NAME: DOVER AFB DE		PERIOD OF RECORD: 77-86												
				MONTH: JUN												
				HOURS(SLT): 2100-2300												
CEILING		VISIBILITY IN STATUTE MILES														
IN	FEET	10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
NO CEIL	1	4.9	53.7	58.0	61.0	61.8	61.9	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 20000	1	4.9	60.1	65.1	68.3	69.3	69.5	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 18000	1	5.0	60.2	65.2	68.4	69.4	69.6	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 16000	1	5.0	60.2	65.2	68.5	69.5	69.6	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 14000	1	5.0	60.3	65.3	68.6	69.6	69.7	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 12000	1	5.0	61.4	66.7	69.9	71.0	71.1	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 10000	1	5.0	64.4	69.7	73.4	74.6	74.8	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 9000	1	5.0	64.4	69.7	73.4	74.6	74.8	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 8000	1	5.0	66.8	72.2	76.5	77.9	78.1	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 7000	1	5.0	67.0	72.5	76.7	78.4	78.6	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 6000	1	5.0	67.4	72.9	77.3	78.9	79.2	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 5000	1	5.0	70.1	76.4	80.9	82.9	83.2	83.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 4500	1	5.0	72.0	78.3	82.9	85.2	85.5	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 4000	1	5.0	74.8	81.7	86.6	89.4	89.7	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 3500	1	5.0	76.0	82.9	87.8	90.7	91.1	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 3000	1	5.0	76.6	83.9	89.2	92.5	92.9	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 2500	1	5.0	76.6	84.1	89.4	92.9	93.2	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 2000	1	5.0	76.7	84.2	89.7	93.2	93.5	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1800	1	5.0	76.7	84.2	89.7	93.2	93.5	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1500	1	5.0	77.0	84.5	90.1	93.8	94.1	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1200	1	5.0	77.0	84.7	90.5	94.5	94.9	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1000	1	5.0	77.3	84.9	91.0	95.0	95.3	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 900	1	5.0	77.5	85.2	91.5	95.7	96.0	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 800	1	5.0	77.6	85.5	91.9	96.1	96.4	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 700	1	5.0	77.7	85.6	92.0	96.2	96.5	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 600	1	5.0	77.7	85.7	92.1	96.4	96.8	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 500	1	5.0	77.8	86.0	92.4	97.0	97.3	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 400	1	5.0	77.9	86.1	92.9	98.1	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	1	5.0	77.9	86.1	92.9	98.1	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	1	5.0	77.9	86.1	92.9	98.1	98.4	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 100	1	5.0	77.9	86.1	92.9	98.1	98.4	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 0	1	5.0	77.9	86.1	92.9	98.1	98.4	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS: 897

GLOBAL CLIMATOLOGY BRANCH
 USAF/AFAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 729088 STATION NAME: DOVER AFB DE
 PERIOD OF RECORD: 76-85
 MONTHS: JUL HOURS (LSLT): 0000-0200

CEILING VISIBILITY IN STATUTE MILES

IN FEET	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	3.4	39.9	47.1	51.1	53.3	53.9	54.4	54.8	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 20000	3.5	45.3	54.2	59.5	62.5	63.0	63.7	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 18000	3.5	45.3	54.2	59.5	62.5	63.0	63.7	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 16000	3.5	45.3	54.2	59.5	62.5	63.0	63.7	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 14000	3.5	45.3	54.2	59.5	62.5	63.0	63.7	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 12000	3.5	46.9	56.0	61.6	64.6	65.2	65.8	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 10000	3.5	50.6	61.1	68.1	71.4	71.9	72.7	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 9000	3.5	51.1	61.6	68.6	71.9	72.5	73.2	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 8000	3.5	59.7	65.6	73.0	76.5	77.3	78.2	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 7000	3.5	55.7	66.9	74.4	77.8	78.7	79.6	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 6000	3.5	56.0	67.4	74.9	78.5	79.4	80.2	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 5000	3.8	57.8	69.4	76.9	80.4	81.3	82.2	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 4500	3.8	58.0	69.9	77.4	81.0	81.8	82.7	83.2	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 4000	3.8	61.0	74.0	82.5	86.9	87.8	88.7	89.2	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 3500	3.8	62.0	75.2	83.7	88.3	89.2	90.3	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 3000	3.8	62.7	75.9	84.4	89.5	90.4	91.5	92.0	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 2500	3.8	64.8	76.1	84.6	89.8	90.8	91.8	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 2000	3.8	62.8	76.1	84.7	89.9	91.0	92.0	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1800	3.8	62.8	76.1	84.7	89.9	91.0	92.0	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1500	3.8	63.1	76.5	85.2	90.3	91.6	92.8	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1200	3.8	63.4	76.8	85.5	91.0	92.4	93.5	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1000	3.8	64.0	77.5	86.3	92.4	93.8	94.9	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 900	3.8	64.0	77.5	86.3	92.4	93.8	94.9	95.6	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 800	3.8	64.3	77.8	86.9	93.3	94.7	95.9	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 700	3.8	64.4	78.0	87.0	93.4	94.8	96.0	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 600	3.8	64.4	78.1	87.1	93.5	94.9	96.1	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 500	3.8	64.4	78.1	87.1	93.7	95.1	96.2	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 400	3.8	64.6	78.3	87.3	94.0	95.4	96.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 300	3.8	64.6	78.3	87.4	94.2	95.7	97.0	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 200	3.8	64.6	78.3	87.4	94.2	95.7	97.3	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 100	3.8	64.6	78.3	87.4	94.2	95.7	97.3	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 0	3.8	64.6	78.3	87.4	94.2	95.7	97.3	98.5	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAELTAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: JUL HOURS(LST): 0300-0500

CEILING VISIBILITY IN STATUTE MILES

IN FEET	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	2.9	32.0	39.4	45.5	50.0	51.8	53.9	54.6	55.2	55.5	55.5	55.6	55.6	55.7
GE 20000	3.0	37.2	46.0	53.4	58.8	61.0	63.4	64.4	64.9	65.3	65.4	65.5	65.5	65.6
GE 18000	3.0	37.2	46.0	53.4	58.8	61.0	63.4	64.4	64.9	65.3	65.4	65.5	65.5	65.6
GE 16000	3.0	37.2	46.0	53.4	58.8	61.0	63.4	64.4	64.9	65.3	65.4	65.5	65.5	65.6
GE 14000	3.0	37.5	46.3	53.9	59.4	61.5	64.1	65.2	65.7	66.0	66.1	66.2	66.2	66.3
GE 12000	3.1	38.2	47.4	55.2	60.6	62.9	65.6	66.7	67.2	67.5	67.6	67.7	67.7	67.8
GE 10000	3.2	40.6	51.1	59.2	65.3	67.6	71.2	72.4	72.9	73.2	73.3	73.4	73.4	73.7
GE 9000	3.2	40.8	51.4	59.8	65.9	68.3	71.8	73.1	73.7	74.0	74.1	74.2	74.2	74.5
GE 8000	3.2	43.7	55.2	63.9	70.4	73.0	76.7	78.3	78.8	79.2	79.4	79.5	79.5	79.7
GE 7000	3.2	44.3	56.0	64.7	71.4	74.0	77.6	79.2	79.8	80.2	80.3	80.4	80.4	80.6
GE 6000	3.2	45.2	57.0	65.7	72.5	75.1	78.7	80.3	80.9	81.3	81.4	81.5	81.5	81.7
GE 5000	3.2	46.0	58.0	66.8	73.9	76.5	80.1	81.8	82.4	82.8	82.9	83.0	83.0	83.2
GE 4500	3.2	46.6	58.5	67.5	74.6	77.2	80.9	82.6	83.1	83.5	83.7	83.8	83.8	84.0
GE 4000	3.2	49.0	61.5	71.2	78.5	81.3	85.2	86.9	87.4	87.8	88.0	88.2	88.2	88.4
GE 3500	3.2	49.3	62.4	72.0	79.5	82.3	86.1	87.8	88.4	88.8	88.9	89.1	89.1	89.4
GE 3000	3.2	50.8	63.4	73.1	80.5	83.4	87.3	89.1	89.7	90.1	90.2	90.4	90.4	90.6
GE 2500	3.2	51.2	63.9	73.5	81.0	83.9	87.7	89.6	90.1	90.5	90.6	90.9	90.9	91.1
GE 2000	3.2	51.6	64.3	74.0	81.4	84.3	88.3	90.1	90.6	91.1	91.2	91.4	91.4	91.6
GE 1800	3.2	51.7	64.5	74.2	81.6	84.5	88.5	90.3	90.9	91.3	91.4	91.6	91.6	91.8
GE 1500	3.2	51.8	64.7	74.7	82.2	85.1	89.1	91.0	91.5	91.9	92.0	92.3	92.3	92.5
GE 1200	3.2	52.4	65.4	75.4	83.0	85.9	90.1	91.9	92.5	92.9	93.1	93.3	93.3	93.5
GE 1000	3.2	53.1	66.2	76.2	84.2	87.1	91.3	93.2	93.8	94.3	94.5	94.7	94.7	94.9
GE 900	3.2	53.3	66.5	76.5	84.7	87.7	91.9	93.9	94.4	94.9	95.2	95.4	95.4	95.6
GE 800	3.2	53.3	66.5	76.6	84.9	88.0	92.2	94.1	94.6	95.2	95.4	95.6	95.6	95.8
GE 700	3.2	53.3	66.5	76.7	85.5	88.5	92.7	94.6	95.2	95.7	95.9	96.1	96.1	96.3
GE 600	3.2	53.3	66.5	76.9	85.7	88.8	93.0	94.9	95.6	96.1	96.3	96.6	96.6	96.8
GE 500	3.2	53.7	66.8	77.2	86.2	89.6	93.9	95.9	96.6	97.1	97.3	97.5	97.5	97.7
GE 400	3.2	53.8	67.0	77.4	86.6	90.0	94.3	96.3	97.0	97.5	97.7	98.0	98.0	98.2
GE 300	3.2	53.8	67.0	77.5	86.7	90.1	94.4	96.5	97.2	97.7	98.0	98.3	98.3	98.5
GE 200	3.2	53.8	67.0	77.5	86.8	90.3	94.6	96.7	97.4	98.0	98.2	98.6	98.6	98.8
GE 100	3.2	53.8	67.0	77.5	86.8	90.3	94.6	96.7	97.4	98.0	98.2	98.7	98.7	98.9
GE 01	3.2	53.8	67.0	77.5	86.8	90.3	94.6	96.7	97.4	98.0	98.2	98.7	98.7	98.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/CIAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE
 PERIOD OF RECORD: 76-85
 MONTH: JUL HOURS(IST): 0600-0800

CEILING	VISIBILITY IN STATUTE MILES														
	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6	10			
NO CEIL	3.2	32.6	41.1	47.3	51.7	53.7	55.4	56.1	56.6	57.4	57.6	57.6	57.6	57.6	57.6
GE 20000	3.5	36.5	45.3	52.6	58.2	60.5	62.8	63.7	64.1	64.9	65.2	65.2	65.2	65.2	65.2
GE 18000	3.5	36.7	45.5	52.8	58.4	60.8	63.0	63.9	64.3	65.2	65.4	65.4	65.4	65.4	65.4
GE 16000	3.5	36.8	45.7	53.0	58.6	61.0	63.2	64.1	64.5	65.4	65.6	65.6	65.6	65.6	65.6
GE 14000	3.5	37.4	46.3	53.7	59.2	61.6	63.9	64.8	65.3	66.1	66.3	66.3	66.3	66.3	66.3
GE 12000	3.5	38.2	47.8	55.3	60.9	63.4	65.8	66.9	67.3	68.2	68.4	68.4	68.4	68.5	68.5
GE 10000	3.7	40.0	50.0	58.5	64.7	67.7	70.2	71.7	72.2	73.0	73.2	73.3	73.4	73.5	73.5
GE 9000	3.7	41.0	51.2	59.7	65.9	69.0	71.6	73.1	73.5	74.4	74.6	74.7	74.8	74.9	74.9
GE 8000	3.7	44.6	55.2	64.5	71.0	74.5	77.3	78.8	79.2	80.2	80.4	80.5	80.6	80.8	80.8
GE 7000	3.7	45.2	56.0	65.7	72.5	76.1	79.0	80.5	81.0	81.9	82.2	82.3	82.4	82.5	82.5
GE 6000	3.7	45.6	56.5	66.5	73.3	77.0	80.0	81.5	81.9	83.0	83.2	83.3	83.4	83.5	83.5
GE 5000	3.7	46.3	57.2	67.2	74.1	77.7	80.8	82.3	82.7	83.9	84.1	84.2	84.3	84.4	84.4
GE 4500	3.7	47.3	58.4	68.4	75.4	79.0	82.0	83.5	84.0	85.2	85.4	85.5	85.6	85.7	85.7
GE 4000	3.7	49.4	60.6	70.8	77.8	81.5	84.7	86.2	86.9	88.1	88.3	88.4	88.5	88.6	88.6
GE 3500	3.7	49.5	60.8	70.9	78.0	81.6	84.8	86.3	87.0	88.2	88.4	88.5	88.6	88.7	88.7
GE 3000	3.7	49.6	61.0	71.1	78.5	82.2	85.4	87.0	87.6	88.9	89.1	89.2	89.4	89.5	89.5
GE 2500	3.7	49.7	61.1	71.2	78.7	82.4	85.6	87.2	87.8	89.1	89.4	89.5	89.6	89.7	89.7
GE 2000	3.7	50.0	61.5	71.6	79.1	82.9	86.2	87.8	88.6	89.9	90.1	90.2	90.3	90.4	90.4
GE 1800	3.7	50.1	61.5	71.8	79.4	83.1	86.5	88.1	88.8	90.1	90.3	90.4	90.5	90.6	90.6
GE 1500	3.7	50.6	62.3	72.7	80.4	84.2	87.5	89.1	89.9	91.2	91.4	91.5	91.6	91.7	91.7
GE 1200	3.7	50.8	62.6	73.2	81.2	85.1	88.4	90.1	90.9	92.2	92.4	92.5	92.6	92.7	92.7
GE 1000	3.7	51.2	63.3	74.1	82.4	86.5	90.0	91.7	92.5	93.8	94.1	94.2	94.3	94.4	94.4
GE 900	3.7	51.2	63.3	74.1	82.5	86.6	90.1	91.8	92.6	93.9	94.2	94.3	94.4	94.5	94.5
GE 800	3.7	51.3	63.7	74.5	83.1	87.3	91.0	92.7	93.4	94.7	95.1	95.2	95.3	95.4	95.4
GE 700	3.7	51.4	63.9	74.7	83.8	88.0	91.6	93.5	94.3	95.6	95.9	96.0	96.1	96.2	96.2
GE 600	3.7	51.4	63.9	74.7	83.9	88.2	91.8	93.8	94.5	95.8	96.1	96.2	96.3	96.5	96.5
GE 500	3.7	51.6	64.2	75.2	84.5	88.8	92.5	94.6	95.6	96.9	97.2	97.3	97.4	97.5	97.5
GE 400	3.7	51.6	64.4	75.4	84.7	89.0	92.7	94.8	95.8	97.2	97.6	97.7	97.8	98.0	98.1
GE 300	3.7	51.6	64.4	75.4	84.7	89.0	92.7	94.9	96.1	97.5	98.1	98.2	98.4	98.5	98.6
GE 200	3.7	51.6	64.4	75.4	84.8	89.1	92.8	95.2	96.5	98.0	98.6	98.7	99.2	99.4	99.7
GE 100	3.7	51.6	64.4	75.4	84.8	89.1	92.8	95.2	96.5	98.0	98.6	98.7	99.2	99.4	99.9
GE 01	3.7	51.6	64.4	75.4	84.8	89.1	92.8	95.2	96.5	98.0	98.6	98.7	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/ETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088	STATION NAME: DOVER AFB DE	PERIOD OF RECORD: 76-85														
		MONTHS: JUL														
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
NO CEIL	8.4	47.8	54.1	57.4	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 20000	8.5	51.7	59.0	63.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 18000	8.5	51.9	59.4	63.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 16000	8.5	52.0	59.6	63.7	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 15000	8.6	53.0	60.6	64.9	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 12000	8.7	54.0	61.9	66.6	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 10000	8.8	57.4	66.3	71.4	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 9000	8.8	58.3	67.2	72.3	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 8000	8.8	61.5	71.2	77.3	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 7000	8.8	62.8	72.5	78.6	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 6000	8.9	63.0	73.1	79.4	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 5000	8.9	63.3	73.5	79.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 4500	8.9	63.5	74.0	80.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 4000	8.9	65.2	75.9	82.6	86.8	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 3500	8.9	66.6	77.1	84.2	88.5	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 3000	8.9	68.0	79.1	86.1	90.5	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2500	8.9	68.5	79.8	87.1	91.6	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2000	8.9	69.0	80.5	87.8	92.5	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1800	8.9	69.5	81.0	88.5	93.1	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1500	9.0	69.8	81.3	88.8	93.7	94.1	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1200	9.2	70.4	82.0	89.9	94.8	95.4	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1000	9.4	70.8	82.7	90.8	95.8	96.6	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 900	9.4	71.0	83.0	91.5	96.6	97.3	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	9.4	71.1	83.2	91.8	96.9	97.8	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 600	9.4	71.1	83.2	91.8	96.9	97.8	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	9.4	71.1	83.2	91.9	97.0	98.0	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	9.4	71.1	83.2	91.9	97.0	98.0	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	9.4	71.1	83.2	91.9	97.0	98.0	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 200	9.4	71.1	83.2	91.9	97.0	98.0	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 100	9.4	71.1	83.2	91.9	97.0	98.0	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 0	9.4	71.1	83.2	91.9	97.0	98.0	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: JUL HOURS(IST): 1500-1700

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	8.4	47.3	52.0	54.7	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	0.7	55.7	61.7	64.6	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 18000	0.7	56.1	62.3	65.3	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	0.7	56.5	62.7	65.7	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 14000	0.7	56.8	63.2	66.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 12000	0.9	58.7	65.5	68.6	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 10000	9.4	62.6	70.3	74.3	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 9000	9.4	62.8	70.6	74.6	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 8000	9.5	65.6	74.0	78.6	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 7000	9.5	66.6	75.4	80.0	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 6000	9.5	67.2	76.0	80.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 5000	9.5	68.5	77.3	82.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 4500	9.5	69.8	78.6	83.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 4000	9.5	72.5	82.7	88.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 3500	9.5	74.0	84.4	90.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 3000	9.5	75.8	86.9	93.2	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 2500	9.5	75.8	86.9	93.2	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 2000	9.5	75.8	86.9	93.2	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 1800	9.5	76.0	87.2	93.8	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 1500	9.5	76.1	87.5	94.3	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 1200	9.5	76.2	87.6	94.4	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 1000	9.5	76.2	87.6	94.4	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 900	9.5	76.2	87.6	94.4	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 800	9.5	76.3	87.7	94.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 700	9.5	76.3	87.7	94.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 600	9.5	76.3	87.7	94.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	9.5	76.3	87.8	94.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 400	9.5	76.3	87.8	94.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 300	9.5	76.3	87.8	94.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 200	9.5	76.3	87.8	94.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 100	9.5	76.3	87.8	94.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 0	9.5	76.3	87.8	94.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/ETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: JUN HOURS(DLST): 1800-2000

CEILING	VISIBILITY IN STATUTE MILES																
	10	8	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	7.3	46.0	51.1	53.5	55.1	55.4	55.5	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 20000	7.6	55.4	62.5	66.7	68.7	69.0	69.2	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 18000	7.7	56.0	63.1	67.4	69.5	69.8	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 16000	7.7	56.0	63.1	67.4	69.5	69.8	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 14000	7.7	56.1	63.3	67.6	69.8	70.1	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 12000	7.7	58.6	66.0	70.8	73.2	73.4	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 10000	7.8	62.6	70.5	75.8	78.3	78.6	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 9000	7.8	63.8	71.7	77.0	79.5	79.8	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 8000	7.8	65.2	73.9	79.4	82.5	82.8	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 7000	7.8	68.2	74.9	80.4	83.5	83.9	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 6000	7.8	66.6	75.3	80.8	83.9	84.2	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 5000	7.8	67.6	76.5	82.0	85.2	85.5	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 4000	7.8	68.0	77.1	82.8	86.2	86.6	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 3500	7.8	71.5	81.0	87.5	91.3	91.6	92.2	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 3000	7.8	72.3	82.2	89.2	93.4	93.9	94.6	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 2500	7.8	72.3	82.3	89.4	93.7	94.1	94.6	94.9	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 2000	7.8	72.3	82.3	89.4	93.7	94.1	94.6	94.9	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1800	7.8	72.3	82.3	89.4	93.7	94.1	94.6	94.9	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1500	7.8	72.3	82.3	89.4	93.7	94.1	94.6	94.9	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1200	8.0	72.5	83.0	90.4	95.1	95.6	96.5	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1000	8.0	72.6	83.2	90.8	95.4	95.9	96.9	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 900	8.0	72.6	83.3	90.9	95.5	96.1	97.1	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 800	8.0	72.8	83.5	91.1	95.7	96.3	97.4	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 700	8.0	72.8	83.7	91.2	95.8	96.6	97.6	98.1	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	8.0	72.8	83.7	91.2	95.8	96.6	97.6	98.1	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	8.0	72.8	83.7	91.2	96.1	96.9	98.3	98.7	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	8.0	72.8	83.7	91.2	96.1	96.9	98.3	98.7	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	8.0	72.8	83.7	91.2	96.1	97.0	98.4	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	8.0	72.8	83.7	91.2	96.1	97.0	98.4	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	8.0	72.8	83.7	91.2	96.1	97.0	98.4	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 01	8.0	72.8	83.7	91.2	96.1	97.0	98.4	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: JUL HOURS(LST): 2100-2300

CEILING	VISIBILITY IN STATUTE MILES														
	10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	6.5	42.9	48.5	52.9	55.4	55.7	55.9	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 20000	6.8	49.7	57.1	62.6	65.6	65.9	66.1	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 18000	6.8	49.7	57.2	62.7	65.7	66.0	66.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 16000	6.8	49.7	57.2	62.7	65.7	66.0	66.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 14000	6.8	49.9	57.4	62.9	65.9	66.2	66.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 12000	6.8	51.3	59.0	64.5	67.5	67.8	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 10000	6.9	55.1	63.9	70.8	74.3	74.8	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 9000	6.9	55.6	64.5	71.4	74.9	75.5	76.0	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 8000	7.0	58.9	68.8	75.7	79.4	79.9	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 7000	7.0	60.1	70.0	76.9	80.5	81.1	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 6000	7.0	60.3	70.2	77.1	80.8	81.3	81.8	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 5000	7.0	62.4	72.3	79.5	83.1	83.7	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 4500	7.0	63.0	73.2	80.5	84.3	84.8	85.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 4000	7.0	66.3	77.7	86.1	90.1	90.6	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 3500	7.0	66.8	78.4	86.9	90.9	91.4	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 3000	7.0	67.0	78.6	87.3	91.7	92.4	92.9	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 2500	7.0	67.3	79.0	88.1	92.6	93.2	93.8	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2000	7.0	67.8	79.8	88.8	93.3	94.0	94.6	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1800	7.0	67.8	79.8	88.9	93.4	94.1	94.7	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1500	7.0	68.1	80.0	89.1	93.7	94.3	95.1	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1200	7.0	68.2	80.3	89.7	94.2	94.8	95.6	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1000	7.0	68.6	81.0	90.4	94.9	95.6	96.3	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 900	7.0	68.7	81.1	90.5	95.1	95.7	96.5	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 800	7.0	68.7	81.1	90.8	95.3	95.9	96.8	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 700	7.0	68.8	81.2	90.9	95.5	96.1	97.0	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 600	7.0	68.8	81.2	90.9	95.5	96.1	97.0	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 500	7.0	68.8	81.2	90.9	95.6	96.2	97.1	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	7.0	68.8	81.2	90.9	95.6	96.2	97.1	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 300	7.0	68.8	81.2	90.9	95.6	96.2	97.1	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 200	7.0	68.9	81.3	91.1	95.8	96.6	98.0	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 100	7.0	68.9	81.3	91.1	95.8	96.6	98.2	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 0	7.0	68.9	81.3	91.1	95.8	96.6	98.2	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: JUL HOUR(S): ALL

CEILING VISIBILITY IN STATUTE MILES

IN FEET	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
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NO CEIL	6.0	41.9	47.9	51.8	54.1	54.8	55.3	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 20000	6.5	48.4	55.8	60.7	63.6	64.3	65.0	65.4	65.5	65.7	65.8	65.8	65.8	65.8	65.8	65.8
GE 18000	6.5	48.6	56.1	61.0	63.9	64.6	65.3	65.7	65.8	66.0	66.1	66.1	66.1	66.1	66.1	66.1
GE 16000	6.5	48.7	56.2	61.2	64.0	64.7	65.5	65.8	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2
GE 14000	6.5	49.2	56.8	61.8	64.8	65.5	66.3	66.7	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 12000	6.6	50.5	58.4	63.7	66.7	67.4	68.2	68.6	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0
GE 10000	6.7	53.9	62.7	68.9	72.3	73.2	74.2	74.6	74.7	74.9	75.0	75.0	75.0	75.0	75.0	75.1
GE 9000	6.7	54.5	63.4	69.6	73.1	74.0	74.9	75.4	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8
GE 8000	6.7	57.3	67.0	73.7	77.4	78.4	79.5	80.0	80.1	80.3	80.4	80.4	80.4	80.4	80.4	80.5
GE 7000	6.7	58.2	68.0	74.8	78.6	79.7	80.7	81.3	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7
GE 6000	6.8	58.6	68.6	75.5	79.3	80.4	81.5	82.0	82.1	82.3	82.4	82.4	82.4	82.4	82.4	82.5
GE 5000	6.8	59.8	69.8	76.8	80.8	81.8	82.9	83.4	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9
GE 4500	6.8	60.4	70.7	77.7	81.7	82.7	83.8	84.4	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.9
GE 4000	6.8	63.3	74.2	82.0	86.4	87.5	88.8	89.3	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.9
GE 3500	6.8	64.1	75.2	83.1	87.6	88.7	90.0	90.6	90.7	91.0	91.0	91.0	91.0	91.1	91.1	91.1
GE 3000	6.8	65.2	76.5	84.6	89.3	90.5	91.8	92.4	92.5	92.8	92.8	92.8	92.8	92.9	92.9	92.9
GE 2500	6.8	65.5	76.9	85.0	89.9	91.0	92.3	92.9	93.1	93.3	93.4	93.4	93.5	93.5	93.5	93.5
GE 2000	6.8	65.8	77.3	85.6	90.4	91.6	93.0	93.6	93.7	94.0	94.1	94.1	94.2	94.2	94.2	94.2
GE 1800	6.8	66.0	77.5	85.8	90.6	91.8	93.2	93.8	93.9	94.2	94.3	94.3	94.4	94.4	94.4	94.4
GE 1500	6.8	66.2	77.8	86.2	91.1	92.4	93.8	94.4	94.6	94.9	95.0	95.0	95.1	95.1	95.1	95.1
GE 1200	6.9	66.5	78.2	86.7	91.8	93.1	94.7	95.3	95.4	95.8	95.9	95.9	96.0	96.0	96.0	96.0
GE 1000	6.9	66.9	78.7	87.3	92.6	94.0	95.6	96.2	96.4	96.7	96.8	96.8	96.9	96.9	96.9	96.9
GE 900	6.9	66.9	78.8	87.4	92.8	94.2	95.8	96.5	96.6	97.0	97.1	97.1	97.2	97.2	97.2	97.2
GE 800	6.9	67.0	78.9	87.6	93.1	94.5	96.2	96.9	97.0	97.4	97.5	97.5	97.6	97.6	97.6	97.6
GE 700	6.9	67.1	79.0	87.8	93.4	94.8	96.5	97.2	97.4	97.8	97.9	97.9	98.0	98.0	98.0	98.0
GE 600	6.9	67.1	79.0	87.8	93.5	94.9	96.6	97.4	97.6	98.0	98.1	98.1	98.2	98.2	98.2	98.2
GE 500	6.9	67.1	79.1	87.9	93.7	95.2	97.0	97.8	98.0	98.5	98.6	98.6	98.7	98.7	98.7	98.8
GE 400	6.9	67.2	79.2	88.0	93.8	95.3	97.2	98.1	98.3	98.8	98.9	98.9	99.0	99.0	99.0	99.1
GE 300	6.9	67.2	79.2	88.0	93.9	95.4	97.2	98.2	98.4	99.0	99.1	99.1	99.2	99.2	99.3	99.3
GE 200	6.9	67.2	79.2	88.1	93.9	95.5	97.4	98.3	98.6	99.1	99.3	99.3	99.5	99.6	99.6	99.6
GE 100	6.9	67.2	79.2	88.1	93.9	95.5	97.4	98.4	98.6	99.2	99.4	99.4	99.7	99.7	99.8	99.9
GE 0	6.9	67.2	79.2	88.1	93.9	95.5	97.4	98.4	98.6	99.2	99.4	99.4	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE

PERIOD OF RECORD: 76-85
 MONTHS: AUG HOURS: 11:00-05:00

CEILING VISIBILITY IN STATUTE MILES

IN FEET	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	4.4	35.7	41.7	46.7	51.3	52.0	52.8	53.8	54.0	54.1	54.3	54.5	54.6	54.6
GE 2000	4.6	41.4	48.8	54.7	60.9	61.8	63.3	64.8	65.1	65.3	65.5	65.7	65.8	65.8
GE 1800	4.6	41.4	48.8	54.7	60.9	61.8	63.3	64.8	65.1	65.3	65.5	65.7	65.8	65.8
GE 1600	4.6	41.6	49.2	55.2	61.4	62.4	63.9	65.4	65.6	65.8	66.0	66.2	66.3	66.3
GE 1400	4.6	42.3	50.0	55.9	62.4	63.3	64.9	66.5	66.7	66.9	67.1	67.3	67.4	67.4
GE 1200	4.8	43.4	51.5	57.4	64.1	65.1	66.7	68.2	68.4	68.6	68.8	69.0	69.1	69.1
GE 1000	5.2	46.8	55.7	62.5	69.5	70.4	72.2	73.7	73.9	74.2	74.4	74.6	74.7	74.7
GE 900	5.2	47.2	56.1	63.1	70.1	71.1	72.8	74.3	74.5	74.8	75.1	75.3	75.4	75.4
GE 800	5.4	48.7	58.7	66.3	73.7	74.7	76.5	78.0	78.2	78.5	78.7	78.9	79.0	79.0
GE 700	5.4	49.1	59.6	67.3	74.7	75.9	77.7	79.2	79.5	79.8	80.0	80.2	80.3	80.3
GE 600	5.4	49.1	59.6	67.3	74.8	76.0	77.8	79.4	79.6	79.9	80.1	80.3	80.4	80.4
GE 500	5.5	50.2	61.2	69.0	76.7	77.8	79.7	81.2	81.4	81.7	81.9	82.2	82.3	82.3
GE 450	5.5	50.3	61.6	69.5	77.2	78.4	80.2	81.8	82.0	82.4	82.6	82.8	82.9	82.9
GE 400	5.5	51.3	62.9	71.4	79.7	80.9	83.1	84.8	85.1	85.4	85.7	85.9	86.0	86.0
GE 350	5.5	51.8	63.5	72.5	81.0	82.3	84.6	86.3	86.6	86.9	87.2	87.4	87.5	87.5
GE 300	5.5	52.9	64.8	74.3	83.1	84.4	86.8	88.6	88.8	89.1	89.5	89.7	89.8	89.8
GE 250	5.5	53.4	65.4	74.9	83.9	85.2	87.5	89.4	89.6	89.9	90.2	90.4	90.5	90.5
GE 200	5.5	54.0	66.1	75.8	84.7	86.0	88.4	90.2	90.4	90.8	91.1	91.3	91.4	91.4
GE 180	5.5	54.0	66.1	75.8	84.7	86.0	88.4	90.2	90.4	90.8	91.1	91.3	91.4	91.4
GE 150	5.5	54.3	66.6	76.2	85.4	86.8	89.1	91.0	91.2	91.5	91.8	92.0	92.2	92.2
GE 120	5.5	54.7	67.2	76.9	86.1	87.5	89.9	91.7	91.9	92.3	92.6	92.8	92.9	92.9
GE 100	5.5	54.8	67.5	77.2	86.8	88.5	90.9	92.7	92.9	93.4	93.8	94.0	94.1	94.1
GE 90	5.5	54.9	67.7	77.4	87.0	88.7	91.1	92.9	93.1	93.7	94.0	94.2	94.3	94.3
GE 80	5.5	55.3	68.2	78.1	87.7	89.5	92.4	94.2	94.4	95.1	95.4	95.6	95.7	95.7
GE 70	5.5	55.4	68.3	78.3	88.2	89.9	92.8	94.6	94.8	95.5	95.8	96.0	96.1	96.1
GE 60	5.5	55.4	68.3	78.4	88.4	90.1	93.0	94.8	95.1	95.7	96.0	96.2	96.3	96.3
GE 50	5.5	55.5	68.5	78.8	88.9	90.6	93.7	95.5	95.7	96.3	96.7	96.9	97.0	97.0
GE 40	5.5	55.5	68.5	78.8	88.9	90.6	93.7	95.5	95.7	96.3	96.7	96.9	97.0	97.0
GE 30	5.5	55.5	68.5	78.8	89.0	90.8	93.8	95.6	95.8	96.5	96.8	97.1	97.2	97.2
GE 20	5.5	55.5	68.5	78.8	89.1	90.9	94.1	95.9	96.1	96.8	97.2	97.5	97.7	97.7
GE 10	5.5	55.5	68.5	78.8	89.1	90.9	94.1	95.9	96.1	96.8	97.4	97.8	98.1	98.1
GE 0	5.5	55.5	68.5	78.8	89.1	90.9	94.1	95.9	96.1	96.8	97.4	97.8	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/ATC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: AUG HOURS(LST): 0600-0800

CEILING VISIBILITY IN STATUTE MILES
 IN FEET 10 6 5 4 3 2 1/2 1 1/4 1 3/4 5/8 1/2 5/16 1/4 0

NO	CEIL	1	2	3	4	5	6	10	1/4	1/2	3/4	5/8	1/2	5/16	1/4	0
GE 20000	4.3	34.2	41.5	47.7	53.9	57.3	60.1	61.5	61.8	62.7	62.9	62.9	62.9	62.9	62.9	62.9
GE 18000	4.3	34.2	41.5	47.7	53.9	57.3	60.1	61.5	61.8	62.7	62.9	62.9	62.9	62.9	62.9	62.9
GE 16000	4.3	34.3	41.8	48.1	54.3	57.7	60.5	61.9	62.3	63.1	63.3	63.3	63.3	63.3	63.3	63.3
GE 14000	4.6	34.9	42.5	48.7	54.9	58.5	61.5	63.0	63.3	64.2	64.4	64.4	64.4	64.4	64.4	64.4
GE 12000	4.7	36.8	44.5	51.0	57.3	61.2	64.3	65.9	66.2	67.2	67.5	67.5	67.5	67.5	67.5	67.5
GE 10000	4.8	40.1	48.8	56.0	63.1	67.2	70.4	72.0	72.4	73.4	73.8	73.8	73.8	73.8	73.8	73.8
GE 9000	4.8	41.2	49.9	57.1	64.3	68.4	71.6	73.2	73.5	74.6	74.9	74.9	74.9	74.9	74.9	74.9
GE 8000	5.3	44.1	53.4	61.5	69.5	73.8	77.1	78.7	79.0	80.1	80.4	80.4	80.4	80.4	80.4	80.4
GE 7000	5.3	44.6	54.0	62.0	70.2	74.8	78.2	79.8	80.1	81.2	81.5	81.5	81.5	81.5	81.5	81.5
GE 6000	5.3	44.7	54.1	62.2	70.4	75.2	78.5	80.1	80.4	81.5	81.8	81.8	81.8	81.8	81.8	81.8
GE 5000	5.5	45.1	54.5	62.6	71.3	76.0	79.4	81.0	81.3	82.6	82.9	82.9	82.9	82.9	82.9	82.9
GE 4500	5.5	45.3	54.7	62.9	71.7	76.5	79.8	81.4	81.7	83.1	83.4	83.4	83.4	83.4	83.4	83.4
GE 4000	5.5	46.5	56.1	64.7	73.8	78.6	82.0	83.7	84.0	85.5	85.9	85.9	85.9	85.9	85.9	85.9
GE 3500	5.5	47.0	56.7	65.3	74.3	79.1	82.6	84.2	84.5	86.0	86.5	86.5	86.5	86.5	86.5	86.5
GE 3000	5.5	47.7	57.5	66.2	75.5	80.3	83.9	85.6	85.9	87.6	88.1	88.1	88.1	88.1	88.1	88.1
GE 2500	5.5	48.0	57.7	66.8	76.1	81.0	84.6	86.6	86.9	88.6	89.0	89.0	89.0	89.0	89.0	89.0
GE 2000	5.5	48.9	58.7	67.8	77.3	82.2	86.0	88.1	88.4	90.3	90.8	90.8	90.8	90.8	90.8	90.8
GE 1800	5.5	49.0	58.8	68.0	77.4	82.3	86.1	88.2	88.5	90.4	90.9	90.9	90.9	90.9	90.9	90.9
GE 1500	5.5	49.4	59.1	68.5	78.1	83.0	87.0	89.1	89.5	91.5	91.9	91.9	91.9	91.9	91.9	91.9
GE 1200	5.5	49.7	59.6	69.0	78.6	83.5	87.7	89.9	90.2	92.3	92.7	92.7	92.7	92.7	92.7	92.7
GE 1000	5.5	49.8	59.9	69.6	79.2	84.2	88.4	90.5	90.9	92.9	93.3	93.3	93.3	93.3	93.3	93.3
GE 900	5.5	50.3	60.4	70.3	80.0	85.2	89.4	91.5	91.8	94.0	94.4	94.4	94.4	94.4	94.4	94.4
GE 800	5.5	50.4	60.5	70.6	80.4	86.1	90.6	92.8	93.1	95.4	95.8	95.8	95.8	95.8	95.8	95.8
GE 700	5.5	50.4	60.5	70.6	80.5	86.2	90.9	93.0	93.4	95.7	96.1	96.1	96.1	96.1	96.1	96.1
GE 600	5.5	50.4	60.5	70.6	80.6	86.3	91.0	93.2	93.7	95.9	96.3	96.3	96.3	96.3	96.3	96.3
GE 500	5.5	50.4	60.5	70.5	80.9	86.7	91.5	93.9	94.3	96.7	97.2	97.2	97.2	97.2	97.2	97.2
GE 400	5.5	50.4	60.6	71.1	81.1	87.0	91.8	94.2	94.6	97.1	97.8	97.8	97.8	97.8	97.8	97.8
GE 300	5.5	50.4	60.6	71.1	81.1	87.0	91.8	94.2	94.6	97.1	97.8	97.8	97.8	97.8	97.8	97.8
GE 200	5.5	50.4	60.6	71.1	81.1	87.0	92.0	94.4	94.8	97.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 100	5.5	50.4	60.6	71.1	81.1	87.0	92.0	94.4	94.8	97.4	98.5	98.5	98.5	98.5	98.5	98.5
GE 01	5.5	50.4	60.6	71.1	81.1	87.0	92.0	94.4	94.8	97.4	98.5	98.5	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/CIAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 729088 STATION NAME: DOVER AFB DE

PERIOD OF RECORD: 76-85
 MONTH: AUG HOURS: 1111 0900-1100

CEILING VISIBILITY IN STATUTE MILES

IN FEET	10	6	5	4	3	2	1 1/2	1	3/4	1/2	5/8	1/2	5/16	1/4	0
NO CEIL	8.3	46.1	51.5	56.0	57.7	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 20000	8.6	52.4	56.2	63.0	65.4	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 18000	8.7	52.7	58.5	63.3	65.7	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 16000	8.7	52.7	58.5	63.3	65.7	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 14000	9.0	53.3	59.1	64.1	66.7	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 12000	9.1	55.4	61.5	66.6	69.8	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 10000	9.5	58.5	65.5	70.8	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 9000	9.5	59.0	66.1	71.4	74.6	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 8000	9.9	62.3	69.9	75.7	79.0	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 7000	9.9	63.2	70.9	76.8	80.2	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 6000	10.0	63.5	71.2	77.3	80.8	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 5000	10.0	63.8	71.6	78.1	81.6	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 4500	10.0	63.8	71.6	78.1	81.6	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 4000	10.0	65.6	73.5	80.5	84.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 3500	10.1	66.3	74.4	81.4	85.6	86.6	86.7	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0
GE 3000	10.2	68.6	77.1	84.5	89.0	90.0	90.2	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5
GE 2500	10.2	69.0	77.4	84.8	89.5	90.4	90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
GE 2000	10.3	69.6	78.1	85.9	90.8	91.8	92.3	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6
GE 1800	10.3	69.6	78.1	85.9	90.8	91.8	92.3	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6
GE 1500	10.3	70.4	78.9	87.0	91.9	93.1	93.5	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
GE 1200	10.3	71.3	79.9	88.3	93.3	94.6	95.3	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6
GE 1000	10.3	71.5	80.1	88.9	94.2	95.6	96.2	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8
GE 900	10.3	71.6	80.2	89.1	94.5	96.1	96.8	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 800	10.3	71.9	80.5	89.7	95.3	97.1	97.7	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	10.3	71.9	80.5	89.7	95.3	97.1	97.7	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	10.3	71.9	80.5	90.0	95.7	97.7	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	10.3	71.9	80.5	90.0	95.9	98.0	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	10.3	71.9	80.5	90.0	95.9	98.0	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	10.3	71.9	80.5	90.0	95.9	98.0	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	10.3	71.9	80.5	90.0	95.9	98.0	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 100	10.3	71.9	80.5	90.0	95.9	98.0	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 0	10.3	71.9	80.5	90.0	95.9	98.0	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: AUG HOURS(LST): 1200-1400

CEILING	VISIBILITY IN STATUTE MILES														
	10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	9.2	47.5	53.1	54.5	55.3	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 20000	9.8	56.3	62.9	64.4	65.7	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 18000	9.9	56.9	63.4	64.9	66.2	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 16000	9.9	57.1	63.7	65.2	66.5	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 14000	10.4	58.2	64.7	66.3	67.6	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 12000	10.5	60.0	67.1	68.8	70.1	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 10000	11.1	63.2	70.4	72.9	74.5	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 9000	11.1	63.5	70.8	73.2	74.8	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 8000	11.1	66.1	74.2	76.7	78.5	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 7000	11.2	66.6	74.8	77.4	79.2	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 6000	11.3	66.8	75.1	77.7	79.6	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 5000	11.5	67.4	76.2	78.9	80.9	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 4500	11.5	67.6	76.6	79.2	81.2	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 4000	11.6	71.1	80.2	83.2	85.4	85.9	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 3500	11.8	73.2	83.4	87.0	89.5	90.0	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 3000	11.8	75.9	86.6	90.5	93.2	93.8	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 2500	11.8	76.6	87.3	91.4	94.2	94.7	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 2000	11.8	77.3	88.4	92.6	95.4	96.0	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1800	11.8	77.3	88.4	92.6	95.4	96.0	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1500	11.8	78.2	89.4	93.8	96.7	97.3	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1200	11.8	78.4	89.7	94.4	97.4	98.1	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	11.8	78.5	89.8	94.7	98.0	98.6	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	11.8	78.5	89.8	94.7	98.0	98.6	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	11.8	78.5	89.8	94.8	98.1	98.7	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	11.8	78.5	89.8	94.8	98.1	98.7	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	11.8	78.5	89.8	94.8	98.1	98.7	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	11.8	78.5	89.8	94.8	98.2	98.8	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	11.8	78.5	89.8	94.8	98.2	98.8	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	11.8	78.5	89.8	94.8	98.2	98.8	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	11.8	78.5	89.8	94.8	98.2	98.8	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	11.8	78.5	89.8	94.8	98.2	98.8	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 0	11.8	78.5	89.8	94.8	98.2	98.8	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/CIAC FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 720088 STATION NAME: DOVER AFB DE

PERIOD OF RECORD: 76-85
 MONTH: AUG HOURS(SLST): 1500-1700

CEILING VISIBILITY IN STATUTE MILES

	1	2	3	4	5	6	10	1/4	1/2	3/4	5/8	1/2	5/16	3/4	0
NO CEIL	6.2	47.4	52.6	54.7	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 20000	6.8	56.3	62.7	65.5	66.2	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 18000	6.8	56.9	63.3	66.6	67.3	67.7	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 16000	6.9	57.5	64.0	67.2	68.0	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 14000	7.3	58.5	65.3	68.5	69.2	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 12000	7.3	60.3	67.4	70.9	71.6	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 10000	8.1	64.0	71.2	74.7	75.5	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 9000	8.1	64.7	71.9	75.5	76.2	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 8000	8.5	67.6	75.7	79.4	80.4	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 7000	8.6	68.4	76.9	80.5	81.6	82.0	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 6000	8.6	68.9	77.5	81.5	82.7	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 5000	8.6	69.4	78.2	82.5	83.7	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 4500	8.7	69.5	78.4	82.7	83.9	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 4000	9.1	72.9	82.9	87.5	89.0	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 3500	9.2	74.5	85.1	90.0	91.6	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 3000	9.2	76.5	87.4	92.5	94.4	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2500	9.2	77.0	88.4	93.7	95.8	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2000	9.2	77.3	89.0	94.3	96.5	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1800	9.2	77.3	89.0	94.3	96.5	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1500	9.2	77.4	89.4	94.6	96.8	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	9.2	77.5	89.5	95.2	97.4	98.0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	9.2	77.5	89.6	95.4	97.7	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	9.2	77.5	89.6	95.4	97.8	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	9.2	77.5	89.6	95.5	98.2	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	9.2	77.5	89.6	95.5	98.2	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	9.2	77.5	89.6	95.5	98.2	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	9.2	77.5	89.6	95.5	98.2	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	9.2	77.5	89.6	95.5	98.2	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	9.2	77.5	89.6	95.5	98.2	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	9.2	77.5	89.6	95.5	98.2	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	9.2	77.5	89.6	95.5	98.2	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 0	9.2	77.5	89.6	95.5	98.2	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/AFAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: AUG HOURS: 1800-2000

CEILING VISIBILITY IN STATUTE MILES
 IN FEET 1 2 3 4 5 6 7 8 9 10 1/4 1/2 3/4 5/8 1/2 5/16 1/4 0

NO	CEIL	1	2	3	4	5	6	7	8	9	10	1/4	1/2	3/4	5/8	1/2	5/16	1/4	0
GE 20000	5.4	57.3	63.9	68.2	69.7	70.1	70.3	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 18000	5.4	57.7	64.1	68.6	70.1	70.5	70.8	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 16000	5.4	57.8	64.4	68.7	70.2	70.6	70.9	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 14000	5.4	58.2	65.3	69.6	71.1	71.5	71.7	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 12000	5.4	59.5	66.9	71.8	73.4	73.9	74.1	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 10000	6.0	62.5	71.2	76.5	78.3	78.7	78.9	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 9000	6.0	62.8	71.7	77.0	78.8	79.2	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 8000	6.0	66.2	75.6	80.9	83.2	83.7	83.9	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 7000	6.1	66.7	76.2	81.5	84.0	84.4	84.6	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 6000	6.1	67.0	76.9	82.3	84.8	85.3	85.5	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 5000	6.3	68.1	78.1	83.7	86.2	86.7	86.9	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 4500	6.6	68.8	78.8	84.4	87.1	87.5	87.7	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 4000	6.7	71.1	81.7	87.8	91.0	91.4	91.6	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 3500	6.7	71.5	82.2	88.9	92.2	92.6	92.8	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 3000	6.7	72.6	83.8	90.9	94.4	94.8	95.1	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2500	6.7	72.8	84.2	91.5	95.1	95.5	95.7	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000	6.7	73.2	84.7	92.2	95.7	96.1	96.3	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1800	6.7	73.2	84.7	92.2	95.7	96.1	96.3	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1500	6.7	73.2	84.7	92.2	95.7	96.1	96.3	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1200	6.7	73.4	84.9	92.6	96.3	96.9	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	6.7	73.4	84.9	92.6	96.7	97.2	97.4	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 900	6.7	73.4	84.9	92.6	97.0	97.5	97.7	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	6.7	73.5	85.1	92.8	97.3	98.0	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	6.7	73.5	85.1	92.8	97.3	98.0	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	6.7	73.5	85.1	92.8	97.3	98.0	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	6.7	73.5	85.1	92.8	97.7	98.4	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	6.7	73.5	85.1	92.8	97.7	98.4	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	6.7	73.5	85.1	92.8	97.7	98.4	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 200	6.7	73.5	85.1	92.8	97.7	98.4	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 100	6.7	73.5	85.1	92.8	97.7	98.4	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 0	6.7	73.5	85.1	92.8	97.7	98.4	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/ETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: AUG HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	4.2	44.8	51.3	55.2	56.9	57.2	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 20000	4.5	52.9	60.8	66.2	68.9	69.6	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 18000	4.5	52.9	60.9	66.3	69.0	69.7	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 16000	4.5	53.1	61.1	66.6	69.2	69.9	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 14000	4.5	53.2	61.4	66.9	69.6	70.2	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 12000	4.5	54.4	62.9	68.7	71.4	72.0	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 10000	5.2	57.3	66.6	73.5	76.2	76.9	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 9000	5.2	58.2	67.4	74.4	77.1	77.7	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 8000	5.2	61.5	71.8	79.1	82.2	82.8	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 7000	5.2	61.7	72.2	79.5	82.6	83.2	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 6000	5.2	61.8	72.4	79.7	82.8	83.4	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 5000	5.2	62.7	74.1	81.5	84.7	85.4	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 4500	5.2	63.5	74.9	82.4	85.6	86.2	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 4000	5.2	66.2	78.0	86.1	89.7	90.3	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 3500	5.2	67.1	79.2	87.5	91.4	92.0	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 3000	5.2	68.0	80.5	89.0	93.1	93.8	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 2500	5.2	68.1	80.8	89.4	93.5	94.3	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2000	5.2	68.6	81.3	90.0	94.4	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1800	5.2	68.6	81.3	90.0	94.4	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1500	5.2	68.7	81.4	90.3	94.8	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1200	5.2	68.8	81.8	90.9	95.8	96.6	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1000	5.2	69.1	82.3	91.3	96.2	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 900	5.2	69.1	82.3	91.3	96.2	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	5.2	69.4	82.5	91.9	97.1	98.2	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	5.2	69.4	82.5	92.0	97.2	98.3	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	5.2	69.4	82.5	92.0	97.3	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	5.2	69.5	82.6	92.2	97.4	98.5	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	5.2	69.5	82.6	92.2	97.5	98.6	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	5.2	69.5	82.6	92.2	97.5	98.6	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	5.2	69.5	82.6	92.2	97.5	98.6	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 100	5.2	69.5	82.6	92.2	97.5	98.6	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE	5.2	69.5	82.6	92.2	97.5	98.6	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/ETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: AUG HOURS(DLST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																		
	10	9	8	7	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	5.7	42.6	48.1	52.0	54.4	55.1	55.6	55.9	56.0	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 20000	6.1	49.7	56.7	61.4	64.5	65.4	66.2	66.7	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 18000	5.1	49.9	57.0	61.7	64.8	65.7	66.5	67.0	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 16000	6.2	50.1	57.3	62.1	65.1	66.0	66.9	67.3	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 14000	6.4	50.8	58.1	62.8	66.0	66.9	67.8	68.2	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 12000	6.4	52.3	59.9	64.9	68.2	69.2	70.1	70.5	70.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 10000	6.9	55.4	63.9	69.5	73.1	74.1	75.0	75.5	75.6	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 9000	6.9	56.1	64.6	70.3	73.9	74.9	75.8	76.3	76.4	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 8000	7.1	59.0	68.3	74.3	78.3	79.4	80.3	80.8	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 7000	7.1	59.5	69.0	75.1	79.1	80.3	81.2	81.7	81.8	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 6000	7.2	59.8	69.3	75.4	79.6	80.7	81.7	82.2	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 5000	7.3	60.5	70.4	76.7	80.9	82.1	83.1	83.6	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 4500	7.3	60.8	70.8	77.1	81.4	82.6	83.6	84.1	84.2	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 4000	7.4	63.0	73.5	80.3	84.9	86.1	87.2	87.8	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 3500	7.4	63.0	73.8	81.9	86.7	87.9	89.0	89.6	89.7	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 3000	7.4	65.5	76.6	84.0	89.1	90.4	91.5	92.1	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 2500	7.4	65.8	77.0	84.6	89.8	91.0	92.2	92.8	93.0	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 2000	7.5	66.4	77.7	85.4	90.7	92.0	93.3	93.9	94.0	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1800	7.5	66.5	77.8	85.4	90.7	92.1	93.3	93.9	94.0	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1500	7.5	66.8	78.2	86.0	91.4	92.8	94.0	94.7	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1200	7.5	67.1	78.7	86.7	92.2	93.6	95.0	95.6	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1000	7.5	67.2	78.9	87.1	92.8	94.3	95.7	96.4	96.5	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 900	7.5	67.4	79.0	87.3	93.1	94.6	96.0	96.7	96.8	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 800	7.5	67.5	79.2	87.6	93.6	95.2	96.7	97.5	97.6	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 700	7.5	67.6	79.2	87.8	93.7	95.4	96.9	97.7	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	7.5	67.6	79.2	87.8	93.8	95.5	96.9	97.8	97.9	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	7.5	67.6	79.3	87.9	94.0	95.7	97.2	98.2	98.3	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	7.5	67.6	79.3	87.9	94.1	95.8	97.3	98.2	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	7.5	67.6	79.3	88.0	94.1	95.8	97.3	98.3	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	7.5	67.6	79.3	88.0	94.1	95.8	97.4	98.3	98.3	98.5	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 100	7.5	67.6	79.3	88.0	94.1	95.8	97.4	98.3	98.3	98.5	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 0	7.5	67.6	79.3	88.0	94.1	95.8	97.4	98.3	98.3	98.5	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS: 7490

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS

STATION NUMBER: 724086 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85

MONTH: SEP HOURS(DLST): 0000-0200

CEILING VISIBILITY IN STATUTE MILES

IN FEET	10	6	5	4	3	2	1/2	1	1/4	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	5.7	50.9	55.4	60.0	61.1	61.7	62.1	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6
GE 20000	6.1	56.0	61.2	66.4	67.6	68.1	68.6	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1
GE 19000	6.1	56.0	61.2	66.4	67.6	68.1	68.6	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1
GE 18000	6.1	56.0	61.2	66.4	67.6	68.1	68.6	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1
GE 17000	6.1	56.0	61.2	66.4	67.6	68.1	68.6	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1
GE 16000	6.1	56.0	61.2	66.4	67.6	68.1	68.6	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1
GE 15000	6.1	56.0	61.2	66.4	67.6	68.1	68.6	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1
GE 14000	6.1	56.0	61.2	66.4	67.6	68.1	68.6	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1
GE 13000	6.1	56.0	61.2	66.4	67.6	68.1	68.6	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1
GE 12000	6.1	56.0	61.2	66.4	67.6	68.1	68.6	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1
GE 11000	6.4	59.1	65.0	71.2	72.6	73.2	73.7	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2
GE 10000	6.4	59.1	65.0	71.2	72.6	73.2	73.7	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2
GE 9000	6.4	59.1	65.0	71.2	72.6	73.2	73.7	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2
GE 8000	6.4	59.1	65.0	71.2	72.6	73.2	73.7	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2
GE 7000	6.6	63.3	69.8	76.2	77.6	78.2	78.7	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2
GE 6000	6.6	63.3	69.8	76.2	77.6	78.2	78.7	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2
GE 5000	6.6	65.6	72.6	79.2	80.7	81.3	81.8	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3
GE 4500	6.6	66.2	73.2	79.2	81.3	82.0	82.4	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0
GE 4000	6.6	68.4	75.8	82.7	84.1	84.9	85.3	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9
GE 3500	6.6	68.8	76.1	83.0	84.4	85.2	85.7	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2
GE 3000	6.6	69.3	76.8	83.9	85.7	86.4	86.9	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4
GE 2500	6.6	70.6	78.0	85.6	87.3	88.1	88.6	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1
GE 2000	6.6	71.6	79.3	87.2	89.0	89.9	90.3	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9
GE 1800	6.6	72.0	79.8	87.8	89.7	90.6	91.0	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6
GE 1500	6.6	72.8	80.6	88.6	90.6	91.4	91.9	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4
GE 1200	6.6	73.2	81.1	89.2	91.6	92.4	92.9	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4
GE 1000	6.6	73.4	81.6	89.8	92.4	93.1	93.6	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1
GE 900	6.6	73.4	81.7	89.9	92.4	93.1	93.6	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1
GE 800	6.6	73.4	82.1	90.3	93.3	94.2	94.7	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
GE 700	6.6	73.4	82.2	90.6	93.8	94.7	95.1	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7
GE 600	6.6	73.4	82.2	90.6	93.9	94.8	95.2	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
GE 500	6.6	73.4	82.4	90.8	94.7	96.1	96.7	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4
GE 400	6.6	73.4	82.4	90.8	95.2	96.8	97.4	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2
GE 300	6.6	73.4	82.4	90.8	95.3	97.0	97.7	98.2	98.2	98.4	98.6	98.6	98.6	98.6	98.6
GE 200	6.6	73.4	82.4	90.8	95.3	97.0	97.8	98.4	98.4	98.7	98.9	98.9	98.9	98.9	98.9
GE 100	6.6	73.4	82.4	90.8	95.3	97.0	97.9	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0
GE 0	6.6	73.4	82.4	90.8	95.3	97.0	97.9	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: SEP HOURS(LST): 0300-0500

CEILING	VISIBILITY IN STATUTE MILES																																																																																																																																																																																																																																																																																																																																																																																												
	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																																																																																																																																																																																																																			
NO CEIL	5.8	45.1	52.4	56.6	59.6	61.1	61.9	62.3	62.4	62.8	63.0	63.1	63.2	63.3	63.4	63.5	63.6	63.7	63.8	63.9	64.0	64.1	64.2	64.3	64.4	64.5	64.6	64.7	64.8	64.9	65.0	65.1	65.2	65.3	65.4	65.5	65.6	65.7	65.8	65.9	66.0	66.1	66.2	66.3	66.4	66.5	66.6	66.7	66.8	66.9	67.0	67.1	67.2	67.3	67.4	67.5	67.6	67.7	67.8	67.9	68.0	68.1	68.2	68.3	68.4	68.5	68.6	68.7	68.8	68.9	69.0	69.1	69.2	69.3	69.4	69.5	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5	70.6	70.7	70.8	70.9	71.0	71.1	71.2	71.3	71.4	71.5	71.6	71.7	71.8	71.9	72.0	72.1	72.2	72.3	72.4	72.5	72.6	72.7	72.8	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0	74.1	74.2	74.3	74.4	74.5	74.6	74.7	74.8	74.9	75.0	75.1	75.2	75.3	75.4	75.5	75.6	75.7	75.8	75.9	76.0	76.1	76.2	76.3	76.4	76.5	76.6	76.7	76.8	76.9	77.0	77.1	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0	78.1	78.2	78.3	78.4	78.5	78.6	78.7	78.8	78.9	79.0	79.1	79.2	79.3	79.4	79.5	79.6	79.7	79.8	79.9	80.0	80.1	80.2	80.3	80.4	80.5	80.6	80.7	80.8	80.9	81.0	81.1	81.2	81.3	81.4	81.5	81.6	81.7	81.8	81.9	82.0	82.1	82.2	82.3	82.4	82.5	82.6	82.7	82.8	82.9	83.0	83.1	83.2	83.3	83.4	83.5	83.6	83.7	83.8	83.9	84.0	84.1	84.2	84.3	84.4	84.5	84.6	84.7	84.8	84.9	85.0	85.1	85.2	85.3	85.4	85.5	85.6	85.7	85.8	85.9	86.0	86.1	86.2	86.3	86.4	86.5	86.6	86.7	86.8	86.9	87.0	87.1	87.2	87.3	87.4	87.5	87.6	87.7	87.8	87.9	88.0	88.1	88.2	88.3	88.4	88.5	88.6	88.7	88.8	88.9	89.0	89.1	89.2	89.3	89.4	89.5	89.6	89.7	89.8	89.9	90.0	90.1	90.2	90.3	90.4	90.5	90.6	90.7	90.8	90.9	91.0	91.1	91.2	91.3	91.4	91.5	91.6	91.7	91.8	91.9	92.0	92.1	92.2	92.3	92.4	92.5	92.6	92.7	92.8	92.9	93.0	93.1	93.2	93.3	93.4	93.5	93.6	93.7	93.8	93.9	94.0	94.1	94.2	94.3	94.4	94.5	94.6	94.7	94.8	94.9	95.0	95.1	95.2	95.3	95.4	95.5	95.6	95.7	95.8	95.9	96.0	96.1	96.2	96.3	96.4	96.5	96.6	96.7	96.8	96.9	97.0	97.1	97.2	97.3	97.4	97.5	97.6	97.7	97.8	97.9	98.0	98.1	98.2	98.3	98.4	98.5	98.6	98.7	98.8	98.9	99.0	99.1	99.2	99.3	99.4	99.5	99.6	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/ETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 728088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: SEP HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	5.7	35.0	41.7	47.0	51.3	52.4	53.6	55.0	55.4	56.1	56.3	56.4	56.6	56.6	56.6
GE 20000	5.7	38.3	45.0	50.9	55.3	56.7	58.1	59.6	60.0	60.7	61.0	61.2	61.4	61.4	61.6
GE 18000	5.7	38.7	45.4	51.3	55.8	57.1	58.6	60.0	60.4	61.1	61.4	61.7	61.9	61.9	62.0
GE 16000	5.8	38.8	45.6	51.4	55.9	57.2	58.7	60.1	60.6	61.2	61.6	61.8	62.0	62.0	62.1
GE 14000	5.8	39.3	46.3	52.2	56.7	58.0	59.4	60.9	61.3	62.0	62.3	62.6	62.8	62.8	62.9
GE 12000	5.8	40.2	47.3	53.2	57.9	59.2	60.9	62.3	62.8	63.4	63.8	64.0	64.2	64.2	64.3
GE 10000	6.2	42.2	49.8	55.9	61.0	62.3	64.2	65.8	66.2	66.9	67.2	67.4	67.7	67.7	67.8
GE 9000	6.2	42.8	50.3	56.4	61.6	62.9	64.8	66.3	66.8	67.4	67.8	68.0	68.2	68.2	68.3
GE 8000	6.2	44.1	51.8	58.3	64.1	65.6	67.6	69.1	69.6	70.6	70.9	71.1	71.4	71.4	71.6
GE 7000	6.2	44.7	52.7	59.3	65.3	66.8	68.8	70.3	70.8	71.8	72.1	72.3	72.7	72.7	72.8
GE 6000	6.2	45.4	53.6	60.2	66.2	67.7	69.7	71.2	71.7	72.7	73.0	73.2	73.6	73.6	73.7
GE 5000	6.4	47.1	55.3	62.2	68.6	70.0	72.0	73.6	74.0	75.0	75.3	75.6	75.9	75.9	76.0
GE 4500	6.4	47.2	55.9	63.4	70.1	71.8	73.8	75.3	75.8	76.8	77.1	77.3	77.7	77.7	77.8
GE 4000	6.8	49.0	57.8	66.0	72.9	74.6	76.6	78.1	78.6	79.6	79.9	80.1	80.4	80.4	80.6
GE 3500	6.8	49.9	58.7	67.1	74.0	75.7	77.7	79.3	79.8	80.8	81.1	81.3	81.7	81.7	81.8
GE 3000	6.8	51.3	60.1	68.8	75.8	77.4	79.6	81.2	81.7	82.7	83.0	83.2	83.6	83.6	83.7
GE 2500	6.8	52.4	61.4	70.2	77.2	78.9	81.0	82.7	83.1	84.1	84.4	84.7	85.0	85.0	85.1
GE 2000	6.8	53.2	62.2	71.3	78.3	80.0	82.1	83.8	84.2	85.2	85.6	85.8	86.1	86.1	86.2
GE 1800	6.8	53.2	62.6	71.7	78.8	80.4	82.7	84.3	84.8	85.8	86.1	86.3	86.7	86.7	86.8
GE 1500	6.9	53.9	63.3	72.8	80.1	81.8	84.0	85.7	86.1	87.1	87.4	87.7	88.0	88.0	88.1
GE 1200	6.9	54.6	64.4	73.9	81.6	83.2	85.6	87.2	87.7	88.7	89.0	89.2	89.6	89.6	89.7
GE 1000	6.9	55.3	65.2	74.9	82.8	84.6	87.0	88.7	89.1	90.2	90.6	90.8	91.1	91.1	91.2
GE 900	6.9	55.8	65.7	75.6	83.6	85.3	87.8	89.4	89.9	91.0	91.3	91.6	91.9	91.9	92.0
GE 800	6.9	56.1	66.3	76.6	85.0	87.0	89.6	91.2	91.7	92.8	93.1	93.3	93.7	93.7	93.8
GE 700	6.9	56.2	66.4	76.7	85.1	87.2	90.0	91.7	92.1	93.2	93.6	93.8	94.1	94.1	94.2
GE 600	6.9	56.2	66.4	76.7	85.1	87.3	90.3	92.1	92.6	93.8	94.1	94.3	94.7	94.7	94.8
GE 500	6.9	56.2	66.6	76.9	85.9	88.3	91.6	93.6	94.0	95.2	95.6	95.8	96.1	96.1	96.2
GE 400	6.9	56.2	66.6	76.9	86.0	88.6	91.9	93.9	94.3	95.7	96.1	96.3	96.7	96.7	96.8
GE 300	6.9	56.3	66.7	77.1	86.2	88.8	92.1	94.2	94.7	96.2	96.8	97.1	97.6	97.6	97.7
GE 200	6.9	56.3	66.7	77.2	86.3	88.9	92.3	94.4	94.9	96.4	97.1	97.2	98.0	98.6	98.8
GE 100	6.9	56.3	66.7	77.2	86.3	88.9	92.3	94.4	94.9	96.4	97.1	97.2	98.0	98.7	99.1
GE 0	6.9	56.3	66.7	77.2	86.3	88.9	92.3	94.4	94.9	96.4	97.1	97.2	98.0	98.7	99.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/ETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: SEP HOURS: 0900-1100

CEILING	VISIBILITY IN STATUTE MILES																
	10	9	8	7	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	8.0	49.7	53.4	55.1	56.2	56.3	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 20000	8.8	55.7	60.2	62.3	63.4	63.6	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 18000	8.8	55.7	60.2	62.3	63.4	63.6	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 16000	8.8	55.7	60.2	62.3	63.4	63.6	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 14000	9.0	56.1	60.7	62.9	64.0	64.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 12000	9.0	56.9	61.4	63.7	64.8	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 10000	9.1	60.0	64.9	67.6	68.9	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 9000	9.1	60.9	65.8	68.4	69.9	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 8000	9.2	62.8	67.9	71.3	73.2	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 7000	9.2	63.4	68.6	72.0	73.9	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 6000	9.2	64.8	69.9	73.3	75.2	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 5000	9.7	66.4	71.7	75.2	77.1	77.2	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 4500	9.7	67.0	72.3	75.9	77.8	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 4000	9.9	69.0	74.9	79.1	81.2	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 3500	10.4	69.7	75.6	80.1	82.2	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 3000	10.4	71.3	77.3	82.0	84.1	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 2500	10.4	72.9	79.0	83.8	86.0	86.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 2000	10.4	73.8	80.3	85.2	87.7	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1800	10.4	73.8	80.4	85.4	88.0	88.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1500	10.8	74.8	81.6	86.9	89.7	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	11.0	76.2	83.6	89.2	92.3	93.0	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1000	11.0	77.7	85.1	90.8	94.0	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 900	11.0	77.7	85.2	91.0	94.2	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 800	11.0	78.0	85.6	91.4	95.1	95.9	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 700	11.0	78.1	85.7	91.7	95.6	96.6	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 600	11.0	78.1	85.8	91.9	95.8	97.1	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 500	11.0	78.2	85.9	92.0	96.1	97.6	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 400	11.0	78.2	85.9	92.0	96.2	97.7	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	11.0	78.2	86.0	92.1	96.4	97.9	99.0	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	11.0	78.2	86.0	92.1	96.4	97.9	99.0	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	11.0	78.2	86.0	92.1	96.4	97.9	99.0	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 0	11.0	78.2	86.0	92.1	96.4	97.9	99.0	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/ETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: SEP HOURS(SLT): 1200-1400

CEILING VISIBILITY IN STATUTE MILES

IN FEET 10 6 5 4 3 2 1/2 2 1 1/2 1 3/4 1 3/4 5/8 1/2 5/16 1/4 0

NO	CEIL	10.4	53.3	55.1	55.9	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 20000	12.3	60.2	62.2	63.6	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 18000	12.3	60.2	62.2	63.6	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 16000	12.3	60.3	62.3	63.7	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 14000	12.3	60.7	62.7	64.0	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 12000	12.8	62.0	64.0	65.3	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 10000	13.2	66.1	68.6	69.9	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 9000	13.2	67.4	70.1	71.4	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 8000	13.2	69.4	72.7	74.7	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 7000	13.2	69.7	72.9	74.9	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 6000	13.2	70.6	73.8	75.8	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 5000	13.3	72.0	75.2	77.2	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 4500	13.4	72.8	76.0	78.0	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 4000	13.8	76.8	80.3	82.7	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 3500	14.2	77.8	81.3	83.7	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 3000	14.2	79.8	83.8	86.2	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 2500	14.3	81.1	85.7	88.3	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 2000	14.6	82.6	87.2	90.0	91.4	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1800	14.6	82.7	87.3	90.2	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1500	14.6	83.3	88.1	91.1	92.7	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1200	14.7	84.1	89.2	92.4	94.2	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1000	14.7	84.9	90.4	93.8	95.7	96.0	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 900	14.7	85.3	90.9	94.3	96.2	96.6	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 800	14.7	85.8	91.3	94.9	97.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 700	14.7	85.8	91.6	95.2	97.2	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	14.7	85.9	91.7	95.4	97.4	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	14.7	86.0	92.2	96.0	98.0	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	14.7	86.0	92.2	96.0	98.0	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	14.7	86.0	92.2	96.0	98.0	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	14.7	86.0	92.2	96.0	98.0	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	14.7	86.0	92.2	96.0	98.0	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	01	14.7	86.0	92.2	96.0	98.0	98.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/CIAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 724088		STATION NAME: DOVER AFB DE		PERIOD OF RECORD: 76-85																	
				MONTH: SEP			HOURS(LST): 1500-1700														
IN	FEET	VISIBILITY IN STATUTE MILES																			
		1	1 1/2	2	2 1/2	3	4	5	6	10	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6	10
NO CEIL	12.2	53.2	54.6	55.7	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 20000	13.3	61.0	63.7	65.0	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 16000	13.3	61.0	63.7	65.0	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 14000	13.3	61.0	63.7	65.0	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 12000	14.0	63.2	66.2	67.6	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	68.3	68.3	68.3	68.3
GE 10000	14.3	66.2	69.2	70.7	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 9000	14.4	67.2	70.6	72.0	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 8000	15.1	70.7	74.2	76.0	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 7000	15.3	71.1	74.9	76.8	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	77.6	77.6
GE 6000	15.3	71.7	75.7	77.6	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 5000	15.4	74.1	78.2	80.2	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	81.0	81.0	81.0
GE 4000	15.4	74.7	78.9	80.9	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 3500	15.9	79.8	84.4	86.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 3000	16.0	81.6	87.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 2500	16.1	82.4	87.6	90.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 2000	16.1	84.2	89.3	91.9	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1800	16.1	84.3	89.4	92.1	93.6	93.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1500	16.2	85.7	90.9	93.7	95.1	95.2	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1200	16.2	86.2	91.6	94.3	95.8	95.9	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000	16.2	86.6	92.1	95.1	96.7	96.8	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	16.2	86.7	92.3	95.4	97.0	97.1	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 800	16.2	86.8	92.6	95.7	97.3	97.4	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	16.2	86.8	92.6	95.8	97.6	97.7	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	16.2	86.8	92.6	95.8	97.6	97.7	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	16.2	86.9	92.8	96.0	98.0	98.1	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	16.2	86.9	92.8	96.0	98.0	98.1	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	16.2	86.9	92.8	96.0	98.0	98.1	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 200	16.2	86.9	92.8	96.0	98.0	98.1	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 100	16.2	86.9	92.8	96.0	98.0	98.1	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 0	16.2	86.9	92.8	96.0	98.0	98.1	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: SEP HOURS(LSI): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																		
	10	9	8	7	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	6.3	52.3	56.6	58.4	59.4	60.1	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 20000	7.2	57.1	62.2	64.7	65.8	66.6	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 18000	7.2	57.1	62.2	64.7	65.8	66.6	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 16000	7.2	57.1	62.2	64.7	65.8	66.6	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 14000	7.2	57.1	62.3	64.8	65.9	66.7	67.0	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	7.3	58.6	63.9	66.7	67.8	68.6	68.9	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 10000	7.6	61.6	67.6	70.8	71.9	72.7	73.0	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 9000	7.6	62.4	68.4	71.8	72.9	73.7	74.0	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 8000	7.6	65.3	71.9	75.4	76.6	77.3	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 7000	7.7	67.1	73.9	77.9	79.0	79.8	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 6000	7.7	67.3	74.3	78.3	79.4	80.2	80.6	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	7.7	68.6	75.9	80.1	81.2	82.0	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 4500	7.7	68.9	76.3	80.7	81.8	82.6	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 4000	8.1	72.7	80.3	85.2	86.3	87.3	87.7	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 3500	8.1	73.4	81.4	86.9	88.0	89.0	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 3000	8.1	74.2	82.5	88.0	89.3	90.3	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2500	8.1	78.9	83.3	88.8	90.1	91.1	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 2000	8.1	75.4	84.1	89.6	90.9	91.9	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1800	8.1	75.6	84.2	89.8	91.1	92.1	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1500	8.1	75.9	84.6	90.3	91.7	92.7	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1200	8.1	76.1	84.8	90.9	92.2	93.2	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1000	8.1	76.3	85.2	91.4	93.0	94.0	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 900	8.1	76.3	85.2	91.4	93.1	94.1	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 800	8.1	76.3	85.7	92.3	94.0	95.0	95.8	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	8.1	76.3	85.8	92.4	94.2	95.2	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 600	8.1	76.3	85.8	92.6	94.3	95.3	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 500	8.1	76.4	86.0	92.9	95.3	96.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 400	8.1	76.6	86.2	93.2	96.0	97.2	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	8.1	76.6	86.2	93.2	96.0	97.7	98.7	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	8.1	76.6	86.3	93.3	96.2	97.9	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	8.1	76.6	86.3	93.3	96.2	98.0	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE CI	8.1	76.6	86.3	93.3	96.2	98.0	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088		STATION NAME: DOVER AFB DE		PERIOD OF RECORD: 76-85													
		MONTH: SEP															
		HOURS(LST): ALL															
CEILING	IN	1	2	3	4	5	6	10	1	1/2	1/4	1	3/4	5/8	1/2	5/16	1/4
FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
NO CEIL	1	8.0	49.1	53.0	55.6	57.3	57.8	58.2	58.5	58.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8
GE 20000	8.7	58.5	59.0	62.1	63.9	64.5	65.0	65.3	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.7	65.7
GE 18000	9.7	58.6	59.1	62.2	64.0	64.6	65.1	65.4	65.4	65.5	65.6	65.7	65.7	65.8	65.8	65.8	65.8
GE 16000	8.7	58.6	59.2	62.3	64.1	64.7	65.1	65.5	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.9
GE 14000	8.8	58.0	59.6	62.8	64.5	65.1	65.6	65.9	66.0	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3
GE 12000	8.9	56.1	60.9	64.1	66.0	66.6	67.0	67.4	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.8	67.8
GE 10000	9.2	58.8	64.1	67.6	69.6	70.2	70.8	71.1	71.2	71.3	71.4	71.4	71.4	71.5	71.5	71.5	71.5
GE 9000	9.2	59.6	65.0	68.5	70.5	71.2	71.7	72.0	72.1	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.4
GE 8000	9.4	62.0	67.7	71.7	73.8	74.5	75.0	75.3	75.4	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8
GE 7000	9.4	62.8	68.6	72.7	74.8	75.5	76.0	76.4	76.5	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.9
GE 6000	9.5	63.3	69.3	73.4	75.5	76.2	76.7	77.1	77.2	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.6
GE 5000	9.6	65.0	71.3	75.5	77.7	78.3	78.9	79.2	79.3	79.5	79.6	79.6	79.6	79.6	79.6	79.7	79.7
GE 4500	9.6	65.6	71.9	76.2	78.5	79.2	79.7	80.0	80.1	80.3	80.4	80.4	80.4	80.4	80.4	80.5	80.5
GE 4000	9.8	68.6	75.2	79.9	82.3	83.0	83.6	84.0	84.1	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4
GE 3500	9.9	69.5	76.3	81.2	83.5	84.3	84.9	85.3	85.4	85.6	85.7	85.7	85.7	85.7	85.8	85.8	85.8
GE 3000	10.0	70.7	77.7	82.7	85.2	86.0	86.6	87.0	87.1	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5
GE 2500	10.0	71.8	78.9	84.1	86.6	87.4	88.1	88.5	88.6	88.8	88.8	88.8	88.9	88.9	88.9	88.9	89.0
GE 2000	10.0	72.8	80.1	85.4	88.0	88.8	89.6	90.0	90.1	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.5
GE 1800	10.0	72.9	80.3	85.7	88.4	89.2	89.9	90.4	90.4	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.9
GE 1500	10.1	73.7	81.2	86.7	89.5	90.3	91.1	91.6	91.6	91.8	91.9	91.9	91.9	92.0	92.0	92.1	92.1
GE 1200	10.1	74.3	82.1	87.8	90.8	91.7	92.6	93.0	93.1	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5
GE 1000	10.1	74.9	82.8	88.7	91.8	92.8	93.7	94.2	94.2	94.4	94.4	94.5	94.6	94.6	94.6	94.6	94.7
GE 900	10.1	75.1	83.1	89.1	92.3	93.2	94.1	94.6	94.7	94.9	94.9	94.9	95.0	95.0	95.0	95.1	95.1
GE 800	10.1	75.3	83.5	89.7	93.1	94.1	95.1	95.6	95.7	95.9	95.9	95.9	96.0	96.0	96.0	96.1	96.1
GE 700	10.1	75.4	83.7	89.9	93.5	94.5	95.6	96.0	96.1	96.4	96.4	96.4	96.5	96.5	96.5	96.6	96.6
GE 600	10.1	75.4	83.7	90.0	93.7	94.7	95.8	96.4	96.4	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9
GE 500	10.1	75.5	83.9	90.3	94.4	95.6	96.8	97.4	97.5	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0
GE 400	10.1	75.5	84.0	90.4	94.6	95.9	97.2	97.9	98.1	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.7
GE 300	10.1	75.5	84.0	90.4	94.8	96.1	97.4	98.2	98.3	98.8	98.9	98.9	99.0	99.1	99.1	99.1	99.1
GE 200	10.1	75.5	84.1	90.5	94.8	96.1	97.5	98.3	98.5	98.9	99.1	99.1	99.2	99.3	99.4	99.4	99.5
GE 100	10.1	75.5	84.1	90.5	94.8	96.2	97.6	98.4	98.5	99.0	99.2	99.2	99.3	99.5	99.6	99.6	99.8
GE 0	10.1	75.5	84.1	90.5	94.8	96.2	97.6	98.4	98.5	99.0	99.2	99.2	99.3	99.5	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/ETAC FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: OCT HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	7.3	48.2	49.2	51.0	53.3	53.5	53.9	54.1	54.2	54.2	54.4	54.4	54.4	54.6	54.7
GE 20000	7.7	50.8	51.8	53.5	56.1	56.5	56.8	57.0	57.1	57.1	57.3	57.3	57.3	57.5	57.6
GE 18000	7.7	51.1	52.2	53.9	56.5	56.8	57.1	57.3	57.4	57.4	57.4	57.4	57.6	57.8	58.0
GE 16000	7.7	51.1	52.2	53.9	56.5	56.8	57.1	57.3	57.4	57.4	57.4	57.6	57.6	57.8	58.0
GE 14000	7.7	51.5	52.6	54.3	57.0	57.3	57.6	57.8	58.0	58.0	58.2	58.2	58.4	58.5	59.4
GE 12000	7.7	52.4	53.4	55.2	57.8	58.2	58.5	58.7	58.8	58.8	59.0	59.0	59.2	59.2	59.4
GE 10000	8.0	55.3	57.0	58.9	61.7	62.0	62.4	62.6	62.7	62.7	62.7	62.9	62.9	63.1	63.2
GE 9000	8.1	56.7	58.4	60.3	63.1	63.4	63.8	64.0	64.1	64.1	64.1	64.3	64.3	64.5	64.6
GE 8000	8.1	58.9	60.6	62.7	65.5	65.8	66.1	66.3	66.3	66.5	66.5	66.7	66.7	66.9	67.0
GE 7000	8.2	61.2	62.9	64.9	67.7	68.1	68.4	68.6	68.7	68.7	68.9	68.9	69.1	69.2	69.2
GE 6000	8.2	61.9	63.9	65.9	68.7	69.0	69.4	69.6	69.7	69.7	69.9	69.9	70.1	70.2	70.2
GE 5000	8.2	64.8	66.8	68.8	71.6	71.9	72.6	72.8	72.9	72.9	72.9	73.1	73.1	73.3	73.4
GE 4500	8.3	66.1	68.2	70.3	73.1	73.4	74.1	74.3	74.4	74.4	74.6	74.6	74.8	74.9	74.9
GE 4000	8.6	69.6	72.6	75.3	78.6	79.4	79.6	79.6	79.7	79.7	79.9	79.9	80.1	80.2	80.2
GE 3500	8.5	70.9	74.0	76.7	79.9	80.2	81.0	81.2	81.3	81.3	81.3	81.5	81.5	81.7	81.8
GE 3000	8.6	72.6	75.9	79.0	82.3	82.6	83.3	83.5	83.7	83.7	83.7	83.9	83.9	84.1	84.2
GE 2500	8.6	73.0	76.6	80.0	83.3	83.8	84.5	84.8	84.8	84.9	84.9	85.2	85.2	85.4	85.5
GE 2000	8.6	74.2	77.7	81.3	84.6	85.2	85.9	86.2	86.2	86.3	86.3	86.6	86.6	86.9	86.9
GE 1800	8.6	74.3	77.8	81.6	84.9	85.5	86.2	86.6	86.6	86.7	86.7	86.9	86.9	87.1	87.2
GE 1500	8.6	74.7	78.4	82.4	85.7	86.2	87.0	87.3	87.4	87.4	87.4	87.6	87.6	87.8	88.0
GE 1200	8.6	75.2	79.2	83.2	86.7	87.2	88.0	88.3	88.4	88.4	88.4	88.6	88.6	88.8	88.9
GE 1000	8.6	75.5	79.6	84.3	88.1	88.7	89.5	89.9	90.0	90.0	90.0	90.2	90.2	90.4	90.5
GE 900	8.6	75.5	79.7	84.4	88.6	89.2	90.0	90.4	90.5	90.5	90.5	90.8	90.8	91.0	91.1
GE 800	8.6	75.8	80.1	84.9	89.6	90.2	91.0	91.4	91.5	91.5	91.5	91.7	91.7	91.9	92.0
GE 700	8.6	76.0	80.3	85.3	89.9	90.5	91.6	92.0	92.0	92.2	92.2	92.4	92.4	92.6	92.7
GE 600	8.6	76.1	80.4	85.4	90.0	90.6	91.7	92.2	92.3	92.3	92.3	92.5	92.5	92.7	92.8
GE 500	8.6	76.3	80.6	85.8	90.9	91.5	92.7	93.1	93.2	93.2	93.2	93.4	93.4	93.7	93.8
GE 400	8.6	76.3	80.6	86.0	91.7	92.5	93.9	94.3	94.4	94.4	94.8	95.1	95.1	95.3	95.4
GE 300	8.6	76.3	80.8	86.2	92.4	93.2	94.6	95.5	95.6	96.0	96.1	96.6	96.6	96.9	96.9
GE 200	8.6	76.3	80.8	86.2	92.4	93.2	94.7	95.6	95.7	96.1	96.3	97.3	97.3	97.8	98.1
GE 100	8.6	76.3	80.8	86.2	92.4	93.2	94.7	95.7	95.8	96.5	96.9	97.8	97.8	98.8	99.4
GE 01	8.6	76.3	80.8	86.2	92.4	93.2	94.7	95.7	95.8	96.5	96.9	97.8	97.8	98.8	100.0

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724008 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: OCT HOURS: 0300-0500

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 VISIBILITY IN STATUTE MILES

CEILING	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	7.8	46.6	48.5	49.5	50.9	52.0	52.5	53.5	53.5	54.0	54.2	54.2	54.3	54.3	54.3	54.3
GE 2000	7.8	49.5	51.5	52.9	54.3	55.5	56.0	57.1	57.1	57.5	57.7	57.7	57.8	57.8	57.8	57.8
GE 1800	7.8	49.5	51.5	52.9	54.3	55.5	56.0	57.1	57.1	57.5	57.7	57.7	57.8	57.8	57.8	57.8
GE 1600	7.8	49.5	51.5	52.9	54.3	55.5	56.0	57.1	57.1	57.5	57.7	57.7	57.8	57.8	57.8	57.8
GE 1400	7.8	50.1	52.3	53.7	55.1	56.3	56.9	58.0	58.0	58.4	58.6	58.7	58.7	58.7	58.7	58.7
GE 1200	8.2	51.2	53.3	54.7	56.1	57.5	58.3	59.4	59.4	59.8	60.0	60.1	60.1	60.1	60.1	60.1
GE 1000	8.3	53.9	56.1	58.0	59.5	60.9	61.6	62.7	62.7	63.1	63.3	63.3	63.4	63.4	63.4	63.4
GE 900	8.3	54.1	56.3	58.2	59.7	61.1	61.8	62.9	62.9	63.3	63.5	63.7	63.7	63.7	63.7	63.7
GE 800	8.4	56.5	59.0	61.0	62.8	64.2	64.9	66.0	66.0	66.5	66.7	66.8	66.8	66.8	66.8	66.8
GE 700	8.6	58.3	61.2	63.1	64.9	66.3	67.1	68.2	68.2	68.6	68.8	68.9	68.9	68.9	68.9	68.9
GE 600	8.6	59.0	62.0	64.1	65.9	67.3	68.1	69.1	69.1	69.6	69.8	69.9	69.9	69.9	69.9	69.9
GE 500	8.6	60.5	63.8	65.8	67.7	69.1	69.9	71.0	71.0	71.4	71.6	71.7	71.7	71.7	71.7	71.7
GE 400	8.6	61.5	64.7	66.8	68.7	70.1	70.9	71.9	71.9	72.4	72.6	72.7	72.7	72.7	72.7	72.7
GE 350	8.6	65.6	69.6	72.2	74.2	75.6	76.3	77.4	77.4	77.8	78.1	78.2	78.2	78.2	78.2	78.2
GE 300	8.6	66.2	70.3	72.9	75.1	76.5	77.2	78.3	78.3	78.7	78.9	79.0	79.0	79.0	79.0	79.0
GE 250	8.6	67.7	72.4	75.3	77.7	79.1	80.0	81.2	81.2	81.6	81.8	81.9	81.9	81.9	81.9	81.9
GE 200	8.6	68.8	73.8	76.9	79.6	81.0	81.8	83.0	83.0	83.4	83.7	83.8	83.8	83.8	83.8	83.8
GE 180	8.6	70.1	75.4	78.8	81.9	83.3	84.4	85.6	85.6	86.0	86.2	86.3	86.3	86.3	86.3	86.3
GE 160	8.6	70.3	75.6	79.1	82.3	83.7	84.9	86.1	86.1	86.6	86.8	86.9	86.9	86.9	86.9	86.9
GE 140	8.6	70.6	76.0	79.9	83.1	84.5	85.9	87.1	87.1	87.5	87.7	87.8	87.8	87.8	87.8	87.8
GE 120	8.6	70.6	76.1	80.0	83.4	84.8	86.2	87.4	87.4	87.8	88.1	88.2	88.2	88.2	88.2	88.2
GE 100	8.6	70.9	76.5	80.5	84.3	85.7	87.2	88.4	88.4	88.8	89.0	89.1	89.1	89.1	89.1	89.1
GE 90	8.6	71.0	76.6	80.6	84.4	85.8	87.5	88.7	88.7	89.1	89.4	89.5	89.5	89.5	89.5	89.5
GE 80	8.6	71.3	77.0	81.3	85.2	86.7	88.4	89.7	89.7	90.1	90.3	90.4	90.4	90.4	90.4	90.4
GE 70	8.6	71.4	77.1	81.6	85.5	87.0	88.9	90.2	90.2	90.6	90.9	91.0	91.0	91.0	91.0	91.0
GE 60	8.6	71.5	77.4	82.0	85.9	87.4	89.4	90.9	90.9	91.3	91.5	91.6	91.6	91.6	91.6	91.6
GE 50	8.6	71.6	77.6	82.7	86.8	88.4	90.4	91.9	91.9	92.4	92.6	92.7	92.7	92.7	92.7	92.7
GE 40	8.6	71.6	77.6	82.7	86.8	88.4	90.4	91.9	91.9	92.4	92.6	92.7	92.7	92.7	92.7	92.7
GE 30	8.6	71.6	77.6	82.7	86.8	88.4	90.4	91.9	91.9	92.4	92.6	92.7	92.7	92.7	92.7	92.7
GE 20	8.6	71.6	77.6	82.7	86.8	88.4	90.4	91.9	91.9	92.4	92.6	92.7	92.7	92.7	92.7	92.7
GE 10	8.6	71.6	77.6	82.7	86.8	88.4	90.4	91.9	91.9	92.4	92.6	92.7	92.7	92.7	92.7	92.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/ETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTHS: OCT HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	10	9	8	7	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4
NO CEIL	6.0	38.6	42.2	45.3	47.1	48.1	48.8	49.2	49.4	49.7	50.1	50.2	50.5	50.5	50.6	50.6	50.8
GE 20000	6.2	41.8	45.5	48.8	50.8	51.7	52.5	53.0	53.2	53.8	54.2	54.3	54.7	54.8	54.9	54.9	55.1
GE 18000	6.2	41.8	45.5	48.8	50.8	51.7	52.5	53.0	53.2	53.8	54.2	54.3	54.7	54.8	54.9	54.9	55.1
GE 16000	6.2	41.8	45.5	48.8	50.9	51.9	52.7	53.2	53.4	54.0	54.4	54.5	54.9	55.1	55.2	55.3	55.3
GE 14000	6.3	42.5	46.3	49.9	51.8	52.9	53.7	54.2	54.4	54.9	55.4	55.5	55.9	56.0	56.1	56.2	56.2
GE 12000	6.3	43.1	47.3	50.9	52.8	54.0	54.8	55.4	55.6	56.1	56.6	56.7	57.1	57.2	57.3	57.4	57.4
GE 10000	6.3	45.9	50.5	54.1	56.2	57.5	58.8	59.4	59.6	60.1	60.5	60.6	61.1	61.2	61.3	61.4	61.4
GE 9000	6.3	46.2	50.9	54.4	56.8	58.1	59.4	59.9	60.1	60.6	61.1	61.2	61.6	61.7	61.8	61.9	61.9
GE 8000	6.3	49.2	54.3	58.0	61.8	63.2	63.8	64.0	64.5	64.9	65.1	65.5	65.6	65.8	65.9	66.0	66.0
GE 7000	6.3	50.4	55.7	59.5	62.0	63.4	64.8	65.4	65.6	66.1	66.6	66.7	67.1	67.2	67.4	67.5	67.5
GE 6000	6.3	51.3	56.7	60.5	63.1	64.5	65.9	66.5	66.7	67.2	67.6	67.7	68.2	68.3	68.5	68.6	68.6
GE 5000	6.3	52.7	58.3	62.3	64.9	66.6	68.0	68.5	68.7	69.2	69.7	69.8	70.2	70.3	70.5	70.6	70.6
GE 4500	6.3	53.3	58.9	63.1	65.8	67.4	69.0	69.6	69.8	70.3	70.9	71.0	71.4	71.5	71.7	71.8	71.8
GE 4000	6.3	56.8	62.8	67.6	70.5	72.2	73.8	74.3	74.5	75.1	75.7	75.8	76.2	76.3	76.7	76.8	76.8
GE 3500	6.3	57.3	63.5	68.7	71.6	73.2	74.8	75.4	75.6	76.1	76.8	76.9	77.4	77.5	77.8	78.0	78.0
GE 3000	6.3	58.8	65.2	70.8	73.8	75.5	77.2	77.7	78.0	78.5	79.1	79.2	79.8	79.9	80.2	80.3	80.3
GE 2500	6.5	60.6	67.0	72.8	76.0	77.7	79.5	80.0	80.2	80.8	81.4	81.5	82.0	82.2	82.5	82.6	82.6
GE 2000	6.6	61.6	68.6	74.5	77.8	79.6	81.4	81.9	82.2	82.7	83.3	83.4	84.0	84.1	84.4	84.6	84.6
GE 1800	6.6	61.8	68.8	74.8	78.2	79.9	81.7	82.3	82.5	83.0	83.7	83.8	84.3	84.4	84.7	84.9	84.9
GE 1500	6.6	62.3	69.6	75.6	79.1	80.9	82.7	83.2	83.4	84.0	84.6	84.7	85.3	85.4	85.7	86.0	86.0
GE 1200	6.6	62.7	70.4	76.6	80.3	82.2	84.0	84.5	84.7	85.5	86.1	86.2	86.8	86.9	87.2	87.5	87.5
GE 1000	6.6	62.9	70.6	76.9	81.1	83.0	84.8	85.4	85.6	86.3	87.0	87.1	87.6	87.7	88.1	88.4	88.4
GE 900	6.6	62.9	70.9	77.2	81.4	83.3	85.2	85.7	85.9	86.7	87.3	87.4	88.0	88.1	88.4	88.7	88.7
GE 800	6.6	63.3	71.4	77.8	82.4	84.4	86.2	86.9	87.1	87.8	88.5	88.6	89.1	89.2	89.6	89.9	89.9
GE 700	6.6	63.4	71.6	78.2	83.0	85.4	87.3	88.5	88.7	89.6	90.2	90.3	90.9	91.0	91.3	91.6	91.6
GE 600	6.6	63.4	71.6	78.3	83.2	85.7	87.7	88.9	89.1	90.0	90.6	90.8	91.3	91.4	91.7	92.0	92.0
GE 500	6.6	63.4	71.8	78.6	83.9	86.8	89.0	90.4	90.6	91.8	92.5	92.6	93.2	93.3	93.7	94.0	94.0
GE 400	6.6	63.4	71.8	78.7	84.4	87.3	90.3	92.0	92.3	93.5	94.2	94.3	94.9	95.1	95.4	95.7	95.7
GE 300	6.6	63.4	71.8	78.7	84.5	87.4	90.8	92.8	93.0	94.3	94.9	95.1	95.7	95.8	96.2	96.6	96.6
GE 200	6.6	63.4	71.8	78.7	84.7	87.7	91.1	93.2	93.4	94.7	95.9	96.1	97.1	97.2	97.7	98.2	98.2
GE 100	6.6	63.4	71.8	78.7	84.7	87.7	91.1	93.2	93.4	94.7	96.1	96.3	97.3	97.6	98.5	99.5	99.5
GE 0	6.6	63.4	71.8	78.7	84.7	87.7	91.1	93.2	93.4	94.7	96.1	96.3	97.3	97.6	98.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: OCT HOURS: 0500-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES																		
	10	9	8	7	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	7.6	47.4	49.5	50.0	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 20000	8.5	53.9	56.3	57.0	57.8	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 18000	8.5	54.2	56.7	57.3	58.2	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 16000	8.5	54.2	56.8	57.4	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 14000	8.8	54.7	57.4	58.1	58.9	59.0	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 12000	8.8	55.5	58.2	58.9	59.8	59.9	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 10000	8.8	59.2	62.5	63.2	64.1	64.2	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 9000	8.8	60.2	63.5	64.1	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 8000	8.8	63.0	66.3	67.4	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 7000	8.8	64.8	68.7	69.8	70.6	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 6000	8.8	65.8	69.7	70.8	71.6	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	71.8
GE 5000	8.8	67.1	71.3	72.7	73.7	73.8	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 4500	8.8	67.5	71.8	73.1	74.4	74.6	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 4000	9.1	71.4	75.8	77.7	78.9	79.2	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 3500	9.4	73.1	77.6	79.7	80.9	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 3000	9.4	75.1	79.7	81.9	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	83.7	83.7
GE 2500	9.8	76.1	80.9	83.1	84.4	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	85.1
GE 2000	10.0	77.3	82.0	84.5	86.1	86.5	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 1800	10.0	77.6	82.4	84.8	86.5	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1500	10.0	78.9	83.3	85.0	87.6	88.0	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1200	10.0	79.1	84.1	86.9	88.7	89.0	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1000	10.0	79.9	84.9	88.1	89.9	90.4	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 900	10.0	80.1	85.1	88.6	90.4	91.0	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 800	10.0	80.1	85.3	88.8	91.0	91.7	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 700	10.0	80.2	85.5	89.4	91.8	92.7	93.5	93.9	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 600	10.0	80.3	85.7	89.8	92.6	93.4	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 500	10.0	80.5	86.0	90.4	93.5	94.5	96.3	97.1	97.2	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 400	10.0	80.6	86.1	90.6	93.8	94.8	96.6	97.6	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 300	10.0	80.6	86.1	90.6	93.8	94.8	96.6	97.6	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 200	10.0	80.6	86.1	90.6	93.8	94.8	96.6	97.6	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 100	10.0	80.6	86.1	90.6	93.8	94.8	96.6	97.6	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 0	10.0	80.6	86.1	90.6	93.8	94.8	96.6	97.6	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 729088		STATION NAME: DOVER AFB DE		PERIOD OF RECORD: 76-85															
				MONTH: OCT			HOURS(LST):			1200-1400									
CEILING		VISIBILITY IN STATUTE MILES																	
IN FEET	GE	10	GE	5	GE	4	GE	3	2	1/2	1	1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	1	9.1	46.5	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 2000	1	10.5	56.8	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 1800	1	10.8	57.0	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 1600	1	10.8	57.0	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 1400	1	10.8	57.6	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 1200	1	10.8	58.5	59.0	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 1000	1	10.9	62.6	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 900	1	11.0	63.1	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 800	1	11.1	64.7	65.6	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	65.7
GE 700	1	11.1	66.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 600	1	11.3	67.6	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 500	1	11.8	70.6	72.0	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	72.7	72.7
GE 400	1	12.0	72.0	73.4	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 300	1	13.5	77.4	79.0	79.6	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 200	1	13.7	80.0	81.6	82.2	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 100	1	13.9	84.7	86.6	87.3	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 2500	1	13.9	85.4	87.2	88.0	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 2000	1	14.0	86.7	88.5	89.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1800	1	14.0	86.7	88.5	89.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1500	1	14.0	87.8	89.9	90.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1200	1	14.0	88.1	90.2	91.3	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1000	1	14.0	88.5	90.8	92.0	93.3	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 900	1	14.0	88.9	91.3	92.9	94.3	94.4	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 800	1	14.0	89.2	91.6	93.5	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 700	1	14.0	89.4	91.9	94.4	96.2	96.3	96.6	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 600	1	14.0	89.4	92.0	94.6	96.6	96.7	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 500	1	14.0	89.5	92.2	94.8	97.5	97.6	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 400	1	14.0	89.5	92.2	94.8	97.5	97.7	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	1	14.0	89.5	92.2	94.9	97.8	98.1	98.5	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	1	14.0	89.5	92.2	94.9	97.8	98.1	98.5	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 100	1	14.0	89.5	92.2	94.9	97.8	98.1	98.5	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 01	1	14.0	89.5	92.2	94.9	97.8	98.1	98.5	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/EJAFAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: OCT HOURS(LST): 1500-1700

CEILING VISIBILITY IN STATUTE MILES

IN FEET	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	10.6	49.2	50.0	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 20000	12.7	59.5	60.4	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 18000	12.8	59.9	60.9	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 16000	13.0	60.2	61.2	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 14000	13.0	60.5	61.5	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 12000	13.3	61.4	62.4	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 10000	13.7	64.3	65.6	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 9000	13.8	65.2	66.5	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
GE 8000	14.0	67.7	69.1	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
GE 7000	14.1	69.0	70.4	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 6000	14.2	70.3	71.8	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 5000	14.2	74.4	76.6	77.5	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 4500	14.3	75.8	78.1	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 4000	14.5	80.1	82.4	83.8	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 3500	14.5	82.0	84.4	85.9	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 3000	14.9	84.3	86.9	88.4	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 2500	14.9	85.3	87.8	89.4	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 2000	14.9	86.2	89.1	90.6	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1800	14.9	86.3	89.2	90.8	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1500	14.9	87.2	90.1	91.6	92.6	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1200	14.9	87.6	91.0	92.6	93.8	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1000	14.9	88.2	91.7	93.4	94.9	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 900	14.9	88.6	92.2	94.2	95.7	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 800	14.9	88.7	92.5	94.6	96.3	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 700	14.9	88.8	92.6	95.2	97.1	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 600	14.9	88.8	92.6	95.3	97.3	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 500	14.9	88.8	92.6	95.3	97.4	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	14.9	88.8	92.6	95.3	97.4	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 300	14.9	88.8	92.6	95.3	97.4	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 200	14.9	88.8	92.6	95.3	97.4	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 100	14.9	88.8	92.6	95.3	97.4	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 0	14.9	88.8	92.6	95.3	97.4	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/ETAC FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 720088 STATION NAME: DOVER AFB DE

PERIOD OF RECORD: 76-85
 MONTH: OCT HOURS(LSL): 1800-2000

CEILING VISIBILITY IN STATUTE MILES

IN FEET	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	8.9	51.7	53.4	54.1	54.6	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 20000	10.0	59.2	61.0	61.9	62.7	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 18000	10.0	59.2	61.0	61.9	62.7	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 16000	10.0	59.2	61.0	61.9	62.7	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 14000	10.0	59.2	61.0	61.9	62.7	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 12000	10.0	60.8	62.8	63.8	64.5	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 10000	10.3	63.5	65.9	67.0	67.7	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 9000	10.3	64.4	66.8	67.8	68.6	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 8000	10.4	66.6	69.0	70.3	71.2	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 7000	10.6	68.2	70.8	72.0	72.9	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 6000	10.6	68.9	71.6	72.9	73.8	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 5000	10.6	70.6	74.0	75.3	76.2	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 4500	10.6	71.1	74.1	75.1	76.3	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 4000	11.0	76.7	80.4	82.2	83.4	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 3500	11.0	79.1	82.9	84.6	86.0	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 3000	11.1	80.9	84.6	86.7	88.1	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 2500	11.1	81.5	85.4	87.6	89.0	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 2000	11.1	82.4	86.6	88.9	90.5	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1800	11.1	82.6	86.8	89.1	90.8	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1500	11.1	83.0	87.4	90.3	92.2	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1200	11.1	83.7	88.2	91.6	93.5	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1000	11.1	84.0	88.6	92.2	94.1	94.6	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 900	11.1	84.0	88.9	92.5	94.5	95.1	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 800	11.1	84.1	89.0	92.8	94.9	95.5	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 700	11.1	84.3	89.2	93.4	95.8	96.3	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 600	11.1	84.3	89.5	93.7	96.1	96.7	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 500	11.1	84.5	89.7	93.9	96.3	97.1	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 400	11.1	84.5	89.7	93.9	96.5	97.2	97.7	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 300	11.1	84.5	89.7	94.0	96.8	97.5	98.1	98.5	98.6	98.7	99.0	99.1	99.1	99.1	99.1	99.1
GE 200	11.1	84.5	89.7	94.0	96.8	97.5	98.1	98.5	98.6	98.7	99.0	99.2	99.2	99.2	99.2	99.2
GE 100	11.1	84.5	89.7	94.0	96.8	97.5	98.1	98.5	98.6	98.7	99.0	99.4	99.4	99.4	99.4	99.4
GE 0	11.1	84.5	89.7	94.0	96.8	97.5	98.1	98.5	98.6	98.7	99.0	99.4	99.4	99.4	99.4	99.4
GE 0	11.1	84.5	89.7	94.0	96.8	97.5	98.1	98.5	98.6	98.7	99.0	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/CIAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: OCT HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	7.8	50.4	52.3	53.4	54.2	54.5	54.8	54.9	54.9	55.2	55.3	55.3	55.3	55.3	55.3	55.4
GE 20000	8.3	55.4	57.4	58.9	59.8	60.1	60.5	60.6	60.6	60.9	61.0	61.0	61.0	61.0	61.0	61.1
GE 18000	8.3	55.6	57.6	59.1	60.0	60.3	60.8	60.9	60.9	61.1	61.2	61.2	61.2	61.2	61.2	61.3
GE 16000	8.3	55.6	57.6	59.1	60.0	60.3	60.8	60.9	60.9	61.1	61.2	61.2	61.2	61.2	61.2	61.3
GE 14000	8.3	55.9	58.0	59.5	60.3	60.6	61.1	61.2	61.2	61.4	61.5	61.5	61.5	61.5	61.5	61.6
GE 12000	8.5	57.1	59.1	60.6	61.5	61.8	62.3	62.4	62.4	62.6	62.7	62.7	62.7	62.7	62.7	62.8
GE 10000	9.1	61.4	63.9	65.7	66.6	66.9	67.3	67.4	67.4	67.6	67.7	67.7	67.7	67.7	67.7	67.8
GE 9000	9.1	61.8	64.3	66.1	67.0	67.3	67.7	67.8	67.8	68.1	68.2	68.2	68.2	68.2	68.2	68.3
GE 8000	9.6	64.2	66.9	68.9	69.9	70.2	70.6	70.8	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.2
GE 7000	9.8	65.3	68.1	70.1	71.1	71.4	71.8	71.9	71.9	72.2	72.3	72.3	72.3	72.3	72.3	72.4
GE 6000	9.8	65.9	68.7	70.8	71.7	72.0	72.5	72.6	72.6	72.8	72.9	72.9	72.9	72.9	72.9	73.0
GE 5000	9.9	68.7	71.6	73.7	74.7	75.1	75.8	75.9	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.3
GE 4500	9.9	69.8	72.7	74.7	75.8	76.1	76.9	77.0	77.0	77.2	77.3	77.3	77.3	77.3	77.3	77.4
GE 4000	10.2	75.9	79.4	81.8	83.0	83.3	84.1	84.2	84.2	84.4	84.5	84.5	84.5	84.5	84.5	84.6
GE 3500	10.2	77.0	80.4	82.9	84.1	84.4	85.2	85.3	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.7
GE 3000	10.3	77.5	81.3	84.1	85.3	85.6	86.3	86.5	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.9
GE 2500	10.3	78.1	82.2	84.9	86.1	86.5	87.2	87.3	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.7
GE 2000	10.3	78.8	83.0	86.3	87.6	88.0	88.7	88.8	88.8	89.1	89.2	89.2	89.2	89.2	89.2	89.4
GE 1800	10.3	79.1	83.3	86.9	88.4	88.8	89.7	89.8	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.3
GE 1500	10.3	79.2	83.8	87.4	88.9	89.4	90.2	90.3	90.3	90.6	90.8	90.8	90.8	90.8	90.8	90.9
GE 1200	10.3	80.0	84.6	88.4	90.2	90.6	91.5	91.6	91.6	91.9	92.0	92.0	92.0	92.0	92.0	92.2
GE 1000	10.3	81.0	85.7	89.8	91.6	92.0	92.9	93.0	93.0	93.3	93.4	93.4	93.4	93.4	93.4	93.5
GE 900	10.3	81.1	85.9	90.2	92.0	92.5	93.3	93.4	93.4	93.8	93.9	93.9	93.9	93.9	93.9	94.0
GE 800	10.3	81.4	86.3	91.2	93.3	93.8	94.6	94.7	94.7	95.1	95.2	95.2	95.2	95.2	95.2	95.3
GE 700	10.3	81.6	86.6	91.6	93.9	94.3	95.3	95.4	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.9
GE 600	10.3	81.7	86.7	91.8	94.4	94.8	95.8	95.9	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.5
GE 500	10.3	81.9	87.0	92.5	95.2	95.7	96.8	97.0	97.0	97.5	97.6	97.6	97.6	97.6	97.6	97.7
GE 400	10.3	81.9	87.0	92.5	95.3	95.8	97.1	97.3	97.3	97.6	98.3	98.3	98.3	98.3	98.3	98.4
GE 300	10.3	81.9	87.0	92.5	95.3	95.8	97.2	97.5	97.5	97.8	98.4	98.5	98.5	98.5	98.5	98.9
GE 200	10.3	81.9	87.0	92.5	95.3	95.8	97.2	97.5	97.5	97.8	98.4	98.5	98.5	98.5	98.5	98.9
GE 100	10.3	81.9	87.0	92.5	95.3	95.8	97.2	97.5	97.5	97.8	98.4	98.5	98.5	98.5	98.5	99.9
GE 0	10.3	81.9	87.0	92.5	95.3	95.8	97.2	97.5	97.5	97.8	98.4	98.5	98.5	98.5	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/IAAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: OCT HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																		
	10	9	8	7	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	8.2	47.3	49.0	50.1	51.0	51.4	51.6	51.9	51.9	52.0	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.3
GE 20000	9.0	53.3	55.2	56.5	57.5	57.9	58.2	58.4	58.4	58.6	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.9	58.9
GE 18000	9.0	53.5	55.3	56.6	57.7	58.1	58.3	58.6	58.6	58.8	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.1
GE 16000	9.0	53.6	55.4	56.7	57.8	58.2	58.4	58.7	58.7	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.2
GE 14000	9.1	54.0	55.9	57.2	58.3	58.7	59.0	59.2	59.3	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.7	59.7
GE 12000	9.2	55.0	56.9	58.3	59.3	59.8	60.1	60.3	60.4	60.5	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.8	60.8
GE 10000	9.4	58.3	60.6	62.1	63.2	63.7	64.0	64.3	64.3	64.5	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.8
GE 9000	9.5	59.0	61.3	62.8	63.9	64.4	64.8	65.0	65.0	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.5	65.5
GE 8000	9.6	61.4	63.9	65.5	66.7	67.2	67.6	67.8	67.8	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3
GE 7000	9.7	63.0	65.7	67.3	68.6	69.1	69.4	69.7	69.7	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.2	70.2
GE 6000	9.7	63.9	66.6	68.3	69.6	70.0	70.4	70.7	70.7	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.2
GE 5000	9.8	66.2	69.3	71.1	72.4	73.0	73.4	73.7	73.7	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.2
GE 4500	9.9	67.2	70.4	72.2	73.6	74.1	74.6	74.9	74.9	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.4	75.4
GE 4000	10.2	71.7	75.2	77.5	79.1	79.6	80.1	80.4	80.4	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.9	81.0
GE 3500	10.3	73.2	76.9	79.2	80.8	81.4	81.9	82.2	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.7
GE 3000	10.4	75.2	79.1	81.7	83.4	84.0	84.5	84.8	84.8	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.3	85.4
GE 2500	10.5	76.1	80.1	82.8	84.7	85.3	85.9	86.1	86.2	86.4	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.7	86.7
GE 2000	10.5	77.2	81.4	84.3	86.3	86.9	87.6	87.9	87.9	88.1	88.2	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.5
GE 1800	10.5	77.4	81.6	84.6	86.6	87.3	88.0	88.2	88.3	88.5	88.6	88.6	88.7	88.7	88.7	88.7	88.8	88.8	88.8
GE 1500	10.5	77.9	82.3	85.5	87.7	88.3	89.0	89.3	89.3	89.5	89.7	89.7	89.8	89.8	89.8	89.8	89.9	89.9	89.9
GE 1200	10.5	78.4	83.0	86.3	88.6	89.3	90.1	90.4	90.4	90.6	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	91.0
GE 1000	10.5	78.8	83.5	87.2	89.7	90.4	91.2	91.5	91.5	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.1	92.2
GE 900	10.5	79.0	83.8	87.6	90.2	90.9	91.7	92.1	92.1	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.7
GE 800	10.5	79.2	84.2	88.1	91.0	91.8	92.6	93.0	93.0	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.6	93.7
GE 700	10.5	79.4	84.4	88.6	91.7	92.5	93.5	94.0	94.0	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.6	94.6	94.7
GE 600	10.5	79.4	84.5	88.9	92.0	92.9	93.9	94.4	94.4	94.7	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.1	95.1
GE 500	10.5	79.6	84.7	89.2	92.7	93.7	94.9	95.5	95.6	96.0	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.4
GE 400	10.5	79.6	84.7	89.3	93.0	94.1	95.5	96.3	96.4	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.4
GE 300	10.5	79.6	84.7	89.4	93.2	94.4	95.9	96.8	96.9	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.6
GE 200	10.5	79.6	84.7	89.4	93.3	94.4	96.0	97.0	97.1	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9
GE 100	10.5	79.6	84.7	89.4	93.3	94.4	96.0	97.0	97.2	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9
GE 0	10.5	79.6	84.7	89.4	93.3	94.4	96.0	97.0	97.2	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/ETAC FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE

PERIOD OF RECORD: 76-85
 MONTH: NOV HOURS(LIST): 0000-0200

CEILING	VISIBILITY IN STATUTE MILES																	
	10	9	8	7	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

NO CEIL	8.4	50.0	50.9	52.4	53.3	53.7	53.9	53.9	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2
GE 20000	8.8	52.3	53.2	54.9	55.8	56.1	56.3	56.3	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7
GE 18000	8.8	52.3	53.2	54.9	55.8	56.1	56.3	56.3	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7
GE 16000	8.8	52.3	53.2	54.9	55.8	56.1	56.3	56.3	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7
GE 14000	8.8	52.7	53.7	55.4	56.3	56.7	56.9	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2
GE 12000	8.8	53.6	54.6	56.3	57.2	57.6	57.8	57.8	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1
GE 10000	8.9	56.1	57.2	59.0	59.9	60.2	60.2	60.4	60.4	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8
GE 9000	8.9	56.1	57.2	59.0	59.9	60.2	60.2	60.4	60.4	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8
GE 8000	9.1	58.6	59.8	61.8	62.9	63.2	63.4	63.4	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8
GE 7000	9.1	59.6	60.8	62.8	64.2	64.6	64.8	64.8	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1
GE 6000	9.1	59.8	61.0	63.0	64.4	64.8	65.0	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.3
GE 5000	9.1	62.1	63.7	65.8	67.3	67.7	67.9	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2
GE 4500	9.1	63.0	64.7	66.8	68.3	68.7	68.9	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2
GE 4000	9.2	67.7	69.6	72.0	73.6	74.0	74.2	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.6
GE 3500	9.2	69.3	71.3	74.0	75.7	76.1	76.2	76.4	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8
GE 3000	9.2	70.8	72.8	75.4	77.2	77.7	77.8	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3
GE 2500	9.2	72.3	74.7	77.3	79.1	79.6	79.7	79.9	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2
GE 2000	9.2	73.3	76.1	79.0	80.9	81.3	81.4	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0
GE 1800	9.2	73.4	76.3	79.2	81.1	81.6	81.7	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2
GE 1500	9.2	74.4	77.3	80.6	82.8	83.2	83.3	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
GE 1200	9.2	75.0	78.1	81.3	83.8	84.2	84.3	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0
GE 1000	9.2	75.9	79.1	82.7	85.0	85.4	85.6	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2
GE 900	9.2	76.0	79.2	82.7	85.1	85.6	85.7	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.4
GE 800	9.2	76.2	79.7	83.4	86.3	86.9	87.0	87.2	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.8
GE 700	9.2	76.3	80.0	84.1	87.2	87.8	88.0	88.2	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.8
GE 600	9.2	76.6	80.2	84.3	87.7	88.2	88.7	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.4
GE 500	9.2	76.6	80.7	85.2	89.0	89.9	91.0	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8
GE 400	9.2	76.6	80.8	85.6	89.9	90.9	92.4	92.8	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.7
GE 300	9.2	76.7	80.9	86.0	90.7	92.1	93.9	94.2	94.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.7
GE 200	9.2	76.7	80.9	86.0	90.7	92.1	93.9	94.3	94.3	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2
GE 100	9.2	76.7	80.9	86.0	90.7	92.1	93.9	94.3	94.3	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.7
GE 0	9.2	76.7	80.9	86.0	90.7	92.1	93.9	94.3	94.3	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: NOV HOURS(LST): 0600-0800

CEILING VISIBILITY IN STATUTE MILES
 IN FEET | 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	6.9	40.0	42.2	43.9	44.9	45.2	45.8	45.8	46.1	46.2	46.2	46.3	46.3	46.3	46.9
GE 20000	7.1	45.3	48.1	49.9	51.1	51.4	51.6	52.3	52.7	52.8	52.8	52.9	52.9	52.9	53.4
GE 18000	7.1	45.3	48.1	49.9	51.1	51.4	51.7	52.4	52.4	52.8	52.9	53.0	53.0	53.0	53.6
GE 16000	7.1	45.3	48.1	49.9	51.1	51.4	51.7	52.4	52.4	52.8	52.9	53.0	53.0	53.0	53.6
GE 14000	7.1	45.4	48.2	50.0	51.2	51.6	51.8	52.6	52.9	53.0	53.0	53.1	53.1	53.1	53.7
GE 12000	7.2	46.1	48.9	50.8	52.0	52.3	52.6	53.3	53.3	53.8	53.8	53.9	53.9	53.9	54.4
GE 10000	7.3	50.1	53.1	55.1	56.3	56.8	57.0	57.8	58.1	58.2	58.2	58.3	58.3	58.3	59.0
GE 9000	7.3	50.1	53.1	55.1	56.3	56.8	57.2	58.0	58.3	58.4	58.4	58.6	58.6	58.6	59.2
GE 8000	7.3	52.3	55.7	58.3	59.7	60.1	60.6	61.3	61.7	61.9	61.9	62.0	62.0	62.0	62.7
GE 7000	7.3	53.0	56.6	59.2	60.8	61.3	61.8	62.6	63.0	63.2	63.2	63.3	63.3	63.3	64.0
GE 6000	7.4	53.9	57.4	60.2	61.8	62.3	62.9	63.7	64.1	64.3	64.3	64.4	64.4	64.4	65.1
GE 5000	7.7	55.6	59.3	62.1	63.7	64.2	64.8	65.6	66.0	66.2	66.2	66.3	66.3	66.3	67.0
GE 4500	7.8	56.4	60.3	63.3	65.0	65.7	66.2	67.0	67.4	67.7	67.7	67.8	67.8	67.8	68.4
GE 4000	7.8	60.3	64.4	67.7	69.3	70.2	71.0	72.0	72.6	72.8	72.9	72.9	72.9	72.9	73.6
GE 3500	7.8	61.4	65.9	69.3	71.0	71.9	72.7	73.7	74.2	74.4	74.4	74.6	74.6	74.6	75.2
GE 3000	7.8	62.4	66.9	71.1	72.9	73.9	74.7	75.7	76.2	76.4	76.4	76.6	76.6	76.6	77.2
GE 2500	7.8	63.8	68.7	73.0	74.8	75.8	76.6	77.6	78.1	78.3	78.3	78.4	78.4	78.4	79.1
GE 2000	7.8	65.0	70.0	74.6	76.3	77.3	78.1	79.1	79.7	79.9	79.9	80.0	80.0	80.0	80.7
GE 1800	7.8	65.1	70.4	75.0	76.8	77.8	78.6	79.6	80.1	80.3	80.3	80.4	80.4	80.4	81.1
GE 1500	7.8	65.7	71.3	76.7	78.4	79.4	80.2	81.2	81.9	82.1	82.1	82.2	82.2	82.2	82.9
GE 1200	7.8	66.7	72.4	77.9	79.8	81.0	81.8	82.8	83.4	83.7	83.7	83.8	83.8	83.8	84.4
GE 1000	7.8	67.2	73.2	79.1	81.2	82.4	83.4	84.4	85.2	85.4	85.4	85.6	85.6	85.6	86.2
GE 900	7.8	67.3	73.3	79.3	81.4	82.7	83.7	84.8	85.6	85.8	85.8	85.9	85.9	85.9	86.6
GE 800	7.8	67.4	73.4	80.1	83.0	84.6	85.7	86.9	87.7	87.9	87.9	88.0	88.0	88.0	88.7
GE 700	7.8	67.8	73.8	80.6	83.6	85.3	86.4	87.7	88.4	88.7	88.7	88.8	88.8	88.8	89.4
GE 600	7.8	67.8	73.9	80.8	84.0	85.8	86.9	88.1	88.9	89.1	89.1	89.2	89.2	89.2	89.9
GE 500	7.8	68.1	74.7	81.7	85.6	87.4	88.7	90.0	90.8	91.0	91.0	91.1	91.1	91.1	91.8
GE 400	7.8	68.1	74.7	81.9	86.6	88.6	89.9	91.4	92.2	92.4	92.4	92.6	92.6	92.7	93.6
GE 300	7.8	68.1	74.7	81.9	86.7	89.0	90.4	92.1	93.2	93.7	93.7	93.8	93.8	93.9	94.8
GE 200	7.8	68.1	74.7	81.9	86.7	89.0	90.6	92.4	94.0	94.7	94.7	95.0	95.0	95.4	96.3
GE 100	7.8	68.1	74.7	81.9	86.7	89.0	90.7	92.6	94.1	94.9	94.9	95.3	95.3	95.6	96.1
GE 0	7.8	68.1	74.7	81.9	86.7	89.0	90.7	92.6	94.1	94.9	95.0	95.3	95.6	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/JAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTHS: NOV HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES																		
	10	9	8	7	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	9.8	40.9	42.1	42.7	42.9	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.4	43.6	43.6	43.6	43.6
GE 20000	10.4	47.7	49.1	49.8	50.1	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.7	50.8	50.8	50.8
GE 18000	10.4	47.7	49.1	49.8	50.2	50.7	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.1	51.1	51.1	51.3
GE 16000	10.4	48.0	49.6	50.2	50.7	51.1	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.4	51.4	51.6	51.6	51.8
GE 14000	10.6	48.4	50.2	50.9	51.3	51.8	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.1	52.2	52.2	52.2	52.4
GE 12000	10.7	50.4	52.2	52.9	53.3	53.8	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.3	54.3	54.3	54.6
GE 10000	10.8	53.0	54.9	55.6	56.1	56.6	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.2	57.2	57.2	57.4
GE 9000	10.8	53.6	55.7	56.3	57.1	57.6	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.2	58.2	58.2	58.2	58.4
GE 8000	10.9	57.1	59.3	60.0	60.8	61.3	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.1	62.2	62.2	62.2	62.2	62.4
GE 7000	11.1	58.7	60.9	61.6	62.3	62.9	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.7	63.8	63.8	63.8	63.8	64.0
GE 6000	11.1	59.7	62.3	63.0	63.8	64.3	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.3	65.3	65.3	65.3	65.6
GE 5000	11.1	61.9	64.8	65.7	66.6	67.2	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.6
GE 4500	11.1	62.9	65.8	66.8	67.7	68.3	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.7
GE 4000	11.1	67.6	70.6	72.2	73.0	74.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.6	75.7	75.7	75.7	75.9
GE 3500	11.1	69.0	72.1	73.8	75.3	76.1	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.3	77.3	77.3	77.3	77.6
GE 3000	11.2	70.3	73.9	75.7	77.4	78.3	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.6	79.7	79.7	79.7	79.9
GE 2500	11.2	71.2	74.9	77.0	78.8	79.7	80.2	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.9	81.0	81.0	81.0	81.2
GE 2000	11.2	73.1	77.0	79.2	81.1	82.1	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.4	83.6	83.6	83.6	83.8
GE 1800	11.2	73.7	77.6	79.9	81.8	82.8	83.4	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.2	84.2	84.2	84.2	84.4
GE 1500	11.2	75.1	79.1	81.9	83.9	84.9	85.7	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.7
GE 1200	11.2	76.1	80.3	83.4	86.0	87.0	87.8	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.4	88.6	88.6	88.6	88.8
GE 1000	11.2	76.6	80.9	84.2	87.2	88.2	89.0	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.9	90.0	90.0	90.0	90.2
GE 900	11.2	76.9	81.3	84.8	87.8	88.8	89.6	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.8
GE 800	11.2	77.1	81.8	85.7	88.8	89.8	90.7	91.4	91.4	91.4	91.4	91.4	91.7	91.7	91.8	91.9	91.9	91.9	92.1
GE 700	11.2	77.6	82.4	86.3	89.6	90.8	92.0	92.9	92.9	92.9	92.9	92.9	93.1	93.1	93.2	93.3	93.3	93.3	93.6
GE 600	11.2	77.6	82.4	86.4	89.8	91.2	92.4	93.3	93.3	93.3	93.3	93.3	93.6	93.6	93.7	93.8	93.8	93.8	94.0
GE 500	11.2	77.7	82.7	86.7	90.3	91.9	93.7	94.6	94.6	94.6	94.6	94.6	94.9	94.9	95.0	95.1	95.1	95.1	95.3
GE 400	11.2	77.7	82.7	86.7	90.3	92.0	94.0	94.9	94.9	94.9	94.9	94.9	95.4	95.4	95.7	95.9	95.9	95.9	96.1
GE 300	11.2	77.7	82.7	86.7	90.4	92.1	94.1	95.2	95.2	95.2	95.2	95.2	96.0	96.0	96.2	96.4	96.7	96.7	96.9
GE 200	11.2	77.7	82.7	86.7	90.4	92.1	94.1	95.2	95.3	95.3	95.3	95.3	96.7	97.1	97.6	97.9	98.0	98.2	98.2
GE 100	11.2	77.7	82.7	86.7	90.4	92.1	94.1	95.2	95.3	95.3	95.3	95.3	96.7	97.2	97.7	98.1	98.4	98.4	99.0
GE 0	11.2	77.7	82.7	86.7	90.4	92.1	94.1	95.2	95.3	95.3	95.3	95.3	96.7	97.2	97.7	98.1	98.4	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: NOV HOURS(LST): 1200-1400

CEILING VISIBILITY IN STATUTE MILES

IN FEET	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	GE
NO CEIL	10.9	44.6	44.8	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 20000	12.3	53.7	54.0	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 18000	12.3	53.9	54.2	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 16000	12.3	54.0	54.3	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 14000	12.4	54.7	55.0	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 12000	12.8	56.9	57.2	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 10000	13.4	59.9	60.6	61.2	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 9000	13.6	60.4	61.1	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 8000	13.6	63.1	63.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 7000	13.8	64.8	65.4	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 6000	13.8	65.3	66.2	67.1	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 5000	14.0	67.8	68.8	70.1	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 4500	14.1	69.1	70.1	71.4	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 4000	14.4	73.8	75.0	76.7	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 3500	15.0	77.1	78.4	80.3	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 3000	15.0	79.3	80.8	82.8	84.0	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 2500	15.0	80.6	82.0	84.1	85.3	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 2000	15.0	82.1	83.7	86.0	87.3	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1800	15.0	82.3	84.1	86.6	88.0	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1500	15.0	83.6	85.3	88.1	89.9	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1200	15.0	84.0	85.8	88.7	90.8	91.6	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2
GE 1000	15.0	84.7	86.7	89.6	92.1	93.0	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7
GE 900	15.0	84.7	86.7	89.6	92.1	93.0	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7
GE 800	15.0	84.9	86.9	89.8	92.7	93.8	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
GE 700	15.0	85.2	87.2	90.1	93.4	94.9	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6
GE 600	15.0	85.3	87.3	90.2	93.7	95.1	95.8	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0
GE 500	15.0	85.3	87.4	90.3	94.3	95.8	96.9	97.2	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6
GE 400	15.0	85.3	87.4	90.3	94.4	95.9	97.2	97.6	97.6	97.6	98.2	98.2	98.2	98.2	98.2	98.2
GE 300	15.0	85.3	87.4	90.3	94.4	95.9	97.2	97.6	97.6	97.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 200	15.0	85.3	87.4	90.3	94.4	95.9	97.2	97.6	97.6	97.6	98.9	98.9	98.9	98.9	98.9	98.9
GE 100	15.0	85.3	87.4	90.3	94.4	95.9	97.2	97.6	97.6	97.6	98.9	98.9	98.9	98.9	98.9	98.9
GE 0	15.0	85.3	87.4	90.3	94.4	95.9	97.2	97.6	97.6	97.6	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: NOV HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES													
	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	11.8	45.6	45.9	46.1	46.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 20000	13.4	55.7	56.1	56.4	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 18000	13.6	56.0	56.6	56.9	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 16000	13.6	56.1	56.7	57.0	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 14000	13.6	56.4	57.0	57.3	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 12000	13.7	57.3	57.9	58.2	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 10000	14.0	60.8	61.6	62.6	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 9000	14.0	61.4	62.2	63.2	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 8000	14.1	64.1	65.6	66.7	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 7000	14.3	65.6	67.0	68.1	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 6000	14.4	66.6	68.1	69.3	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 5000	14.4	70.2	71.9	73.6	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4500	14.7	71.4	73.1	74.9	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 4000	15.4	75.3	77.2	79.4	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 3500	15.7	77.7	79.7	82.1	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 3000	15.8	79.6	81.6	84.3	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 2500	16.0	81.1	83.1	85.9	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 2000	16.0	82.1	84.1	87.2	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1800	16.0	82.8	84.8	87.9	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1500	16.0	83.3	85.3	88.4	90.3	91.0	91.2	91.4	91.6	91.6	91.6	91.6	91.6	91.6
GE 1200	16.0	83.6	85.6	88.7	90.7	91.4	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 1000	16.0	83.6	85.7	88.8	91.0	92.0	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 900	16.0	83.7	85.9	89.1	91.4	92.7	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 800	16.0	83.9	86.1	89.3	92.0	93.3	93.7	94.1	94.1	94.2	94.2	94.2	94.2	94.2
GE 700	16.0	84.0	86.2	89.4	92.3	93.7	94.2	94.7	94.7	94.8	94.8	94.8	94.8	94.8
GE 600	16.0	84.0	86.2	89.6	92.6	93.9	94.4	94.9	94.9	95.0	95.0	95.0	95.0	95.0
GE 500	16.0	84.1	86.3	89.7	92.9	94.6	95.4	95.9	96.0	96.8	96.8	96.8	96.8	96.8
GE 400	16.0	84.1	86.4	89.9	93.1	94.9	95.9	96.6	96.7	97.8	97.8	97.8	97.8	97.8
GE 300	16.0	84.1	86.4	90.0	93.3	95.1	96.2	97.0	97.1	98.9	99.1	99.1	99.1	99.1
GE 200	16.0	84.1	86.4	90.0	93.3	95.1	96.2	97.0	97.1	98.9	99.6	99.7	99.7	99.7
GE 100	16.0	84.1	86.4	90.0	93.3	95.1	96.2	97.0	97.1	98.9	99.6	99.7	99.7	99.7
GE 0	16.0	84.1	86.4	90.0	93.3	95.1	96.2	97.0	97.1	98.9	99.6	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/IAF FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: NOV HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	11.6	48.0	49.6	50.3	51.0	51.0	51.0	51.0	51.0	51.1	51.2	51.2	51.3	51.3	51.4
GE 20000	11.9	51.7	53.3	54.2	55.3	55.4	55.4	55.4	55.4	55.6	55.7	55.7	55.8	55.8	55.9
GE 18000	11.9	51.7	53.3	54.2	55.3	55.4	55.4	55.4	55.4	55.6	55.7	55.7	55.8	55.8	55.9
GE 16000	11.9	51.7	53.3	54.2	55.3	55.4	55.4	55.4	55.4	55.6	55.7	55.7	55.8	55.8	55.9
GE 14000	11.9	52.0	53.7	54.6	55.7	55.8	55.8	55.8	55.9	56.0	56.0	56.0	56.1	56.1	56.2
GE 12000	11.9	53.2	54.9	55.9	57.0	57.1	57.1	57.1	57.2	57.3	57.3	57.3	57.4	57.4	57.6
GE 10000	12.2	56.1	57.8	58.8	59.9	60.0	60.0	60.0	60.1	60.2	60.2	60.2	60.3	60.3	60.4
GE 9000	12.2	56.3	58.0	59.0	60.1	60.2	60.2	60.2	60.3	60.4	60.4	60.4	60.6	60.6	60.7
GE 8000	12.3	59.6	61.8	63.1	64.2	64.3	64.3	64.3	64.6	64.7	64.7	64.8	64.8	64.8	64.9
GE 7000	12.3	60.3	62.6	63.9	65.2	65.3	65.3	65.3	65.6	65.7	65.7	65.8	65.8	65.8	65.9
GE 6000	12.3	60.8	63.1	64.4	65.8	65.9	65.9	65.9	66.1	66.2	66.2	66.3	66.3	66.3	66.4
GE 5000	12.4	63.1	65.8	67.1	68.4	68.7	68.7	68.7	68.9	69.0	69.0	69.1	69.1	69.1	69.2
GE 4500	12.4	64.3	67.0	68.4	69.8	70.0	70.0	70.0	70.2	70.3	70.3	70.4	70.4	70.4	70.6
GE 4000	12.4	68.4	71.6	73.2	74.6	74.8	74.8	74.8	75.0	75.1	75.1	75.2	75.2	75.2	75.3
GE 3500	12.8	70.6	73.7	75.8	77.1	77.3	77.3	77.3	77.6	77.7	77.7	77.8	77.8	77.8	77.9
GE 3000	12.8	71.4	74.6	76.9	78.2	78.4	78.7	78.7	78.9	79.0	79.0	79.1	79.1	79.1	79.2
GE 2500	12.9	73.1	76.8	79.3	80.7	80.9	81.1	81.1	81.3	81.4	81.4	81.6	81.6	81.6	81.7
GE 2000	13.0	74.2	78.3	81.2	82.6	82.8	83.0	83.0	83.2	83.3	83.3	83.4	83.4	83.4	83.6
GE 1800	13.0	74.3	78.6	81.4	82.8	83.0	83.2	83.2	83.4	83.6	83.6	83.7	83.7	83.7	83.8
GE 1500	13.0	74.9	79.2	82.1	83.6	83.8	84.0	84.0	84.2	84.3	84.3	84.4	84.4	84.4	84.6
GE 1200	13.0	75.6	80.1	83.0	84.6	84.9	85.1	85.2	85.4	85.6	85.6	85.7	85.7	85.7	85.8
GE 1000	13.0	76.2	81.1	84.2	85.9	86.2	86.4	86.6	86.8	86.9	86.9	87.0	87.0	87.0	87.1
GE 900	13.0	76.2	81.2	84.3	86.3	86.7	86.9	87.0	87.2	87.3	87.3	87.4	87.4	87.4	87.6
GE 800	13.0	76.3	81.4	84.9	87.6	88.0	88.3	88.4	88.7	88.8	88.8	88.9	88.9	88.9	89.0
GE 700	13.0	76.4	81.6	85.0	87.7	88.1	88.4	88.8	89.0	89.1	89.1	89.2	89.2	89.2	89.3
GE 600	13.0	76.7	81.8	85.3	88.2	88.8	89.6	89.7	89.9	90.0	90.0	90.1	90.1	90.1	90.2
GE 500	13.0	77.3	82.9	86.9	90.1	90.9	92.2	92.4	92.7	92.8	92.8	92.9	92.9	92.9	93.0
GE 400	13.0	77.4	83.6	87.7	91.0	91.8	93.2	93.7	94.1	94.3	94.3	94.6	94.6	94.6	94.7
GE 300	13.0	77.4	83.6	87.8	91.2	92.0	93.8	94.3	94.4	95.1	95.3	95.6	95.6	95.6	95.7
GE 200	13.0	77.4	83.6	87.8	91.2	92.1	94.1	94.9	95.0	95.8	96.1	96.3	96.3	96.3	96.4
GE 100	13.0	77.4	83.6	87.8	91.2	92.1	94.1	94.9	95.0	96.2	97.0	97.3	97.3	97.3	97.6
GE	13.0	77.4	83.6	87.8	91.2	92.1	94.1	94.9	95.0	96.2	97.0	97.3	97.3	97.6	98.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: NOV HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES													
	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	
NO CEIL	9.9	45.5	46.5	47.4	47.9	48.1	48.2	48.3	48.4	48.4	48.4	48.5	48.5	48.6
GE 20000	10.6	51.4	52.7	53.7	54.4	54.6	54.7	54.8	54.8	54.9	54.9	55.0	55.0	55.1
GE 18000	10.6	51.5	52.8	53.8	54.5	54.7	54.8	55.0	55.1	55.1	55.1	55.2	55.2	55.3
GE 16000	10.6	51.6	52.9	53.8	54.6	54.8	54.9	55.1	55.2	55.2	55.2	55.3	55.3	55.4
GE 14000	10.6	51.9	53.3	54.3	55.0	55.2	55.3	55.5	55.5	55.6	55.6	55.7	55.7	55.8
GE 12000	10.7	53.2	54.5	55.5	56.5	56.6	56.6	56.8	56.9	56.9	56.9	57.0	57.0	57.1
GE 10000	11.0	56.2	57.7	58.9	59.7	59.9	60.0	60.3	60.3	60.4	60.4	60.4	60.4	60.6
GE 9000	11.0	56.6	58.1	59.3	60.1	60.3	60.5	60.7	60.7	60.8	60.8	60.9	60.9	61.0
GE 8000	11.1	59.2	61.1	62.5	63.4	63.6	63.8	64.0	64.1	64.1	64.2	64.2	64.2	64.3
GE 7000	11.2	60.4	62.3	63.7	64.8	65.0	65.2	65.4	65.5	65.5	65.6	65.6	65.6	65.7
GE 6000	11.2	61.0	63.1	64.6	65.6	65.8	66.0	66.3	66.3	66.4	66.4	66.5	66.5	66.6
GE 5000	11.3	63.5	65.7	67.4	68.5	68.7	68.9	69.2	69.3	69.3	69.4	69.4	69.4	69.5
GE 4500	11.4	64.7	67.0	68.7	69.8	70.1	70.3	70.6	70.7	70.7	70.8	70.8	70.8	70.9
GE 4000	11.6	68.9	71.5	73.6	74.9	75.2	75.5	75.8	75.9	75.9	76.0	76.0	76.0	76.1
GE 3500	11.7	70.8	73.5	75.9	77.2	77.6	77.8	78.1	78.3	78.3	78.3	78.4	78.4	78.5
GE 3000	11.8	72.3	75.1	77.7	79.2	79.7	80.0	80.2	80.4	80.4	80.5	80.5	80.5	80.6
GE 2500	11.8	73.7	76.6	79.7	81.2	81.7	81.9	82.2	82.4	82.4	82.5	82.5	82.5	82.6
GE 2000	11.8	74.9	78.2	81.3	82.9	83.5	83.8	84.1	84.1	84.3	84.3	84.3	84.3	84.5
GE 1800	11.8	75.2	78.7	81.8	83.4	83.9	84.3	84.6	84.7	84.8	84.8	84.8	84.8	84.9
GE 1500	11.8	76.0	79.6	83.0	84.8	85.4	85.8	86.1	86.3	86.3	86.4	86.4	86.4	86.5
GE 1200	11.8	76.7	80.4	83.9	86.0	86.6	87.1	87.4	87.6	87.7	87.7	87.7	87.7	87.9
GE 1000	11.8	77.2	81.1	84.8	87.0	87.8	88.3	88.7	88.8	88.9	88.9	89.0	89.0	89.1
GE 900	11.8	77.3	81.2	85.0	87.3	88.1	88.7	89.1	89.2	89.3	89.3	89.4	89.4	89.5
GE 800	11.8	77.5	81.5	85.5	88.2	89.1	89.7	90.2	90.3	90.4	90.5	90.5	90.5	90.7
GE 700	11.8	77.7	81.8	85.9	88.8	89.8	90.5	91.0	91.2	91.3	91.3	91.4	91.4	91.5
GE 600	11.8	77.8	81.8	86.1	89.1	90.2	91.0	91.5	91.7	91.8	91.9	91.9	91.9	92.1
GE 500	11.8	78.0	82.3	86.7	90.2	91.4	92.7	93.3	93.4	93.7	93.8	93.9	93.9	94.1
GE 400	11.8	78.0	82.4	86.9	90.7	92.1	93.5	94.3	94.3	94.8	95.0	95.1	95.2	95.4
GE 300	11.8	78.0	82.4	87.1	91.1	92.6	94.2	95.1	95.2	96.1	96.4	96.5	96.6	96.8
GE 200	11.8	78.0	82.4	87.1	91.1	92.7	94.4	95.4	95.5	96.6	97.0	97.3	97.4	97.6
GE 100	11.8	78.0	82.4	87.1	91.1	92.7	94.5	95.4	95.5	96.6	97.2	97.5	97.7	98.8
GE 0	11.8	78.0	82.4	87.1	91.1	92.7	94.5	95.4	95.5	96.6	97.2	97.5	97.7	98.1
GE 0	11.8	78.0	82.4	87.1	91.1	92.7	94.5	95.4	95.5	96.6	97.2	97.5	97.7	98.1

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
 USAF/CIAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: DEC HOURS(S): 0300-0500

IN FEET	VISIBILITY IN STATUTE MILES													
	10	6	5	4	3	2	1 1/2	1 1/4	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	10.6	51.1	52.7	53.4	54.1	54.1	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.6
GE 20000	10.6	53.9	55.5	56.2	57.0	57.0	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 18000	10.6	54.1	55.7	56.5	57.2	57.2	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.5
GE 16000	10.6	54.1	55.7	56.5	57.2	57.2	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.7
GE 14000	10.6	54.3	55.9	56.7	57.4	57.4	57.5	57.8	57.8	57.8	57.8	57.8	57.8	58.0
GE 12000	11.2	55.3	56.9	58.0	58.7	58.7	58.8	59.1	59.1	59.1	59.1	59.1	59.1	59.2
GE 10000	11.7	59.1	60.9	61.9	62.7	62.7	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.2
GE 9000	11.8	59.5	61.2	62.3	63.0	63.0	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.5
GE 8000	11.9	64.2	66.3	67.5	68.5	68.6	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.1
GE 7000	11.9	65.5	67.6	68.8	69.8	69.9	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.4
GE 6000	11.9	66.3	68.5	69.7	70.6	70.6	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.3
GE 5000	11.9	68.5	71.0	72.4	73.4	73.5	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.5
GE 4500	12.3	69.9	72.4	73.8	74.8	74.9	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.9
GE 4000	12.3	73.3	76.2	78.0	79.0	79.1	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.1
GE 3500	12.4	75.8	78.3	80.2	81.3	81.4	81.8	82.3	82.3	82.3	82.3	82.3	82.3	82.4
GE 3000	12.4	76.3	79.9	81.8	82.9	83.0	83.4	83.9	83.9	83.9	83.9	83.9	83.9	84.0
GE 2500	12.4	76.6	80.2	82.2	83.2	83.4	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.4
GE 2000	12.4	76.9	81.0	83.0	84.2	84.5	84.9	85.4	85.4	85.4	85.4	85.4	85.4	85.5
GE 1800	12.4	77.1	81.4	83.4	84.6	84.9	85.4	85.8	85.8	85.8	85.8	85.8	85.8	85.9
GE 1500	12.6	77.8	82.3	84.5	85.8	86.2	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.3
GE 1200	12.6	78.0	82.9	85.3	86.6	87.0	87.5	88.1	88.1	88.1	88.1	88.1	88.1	88.2
GE 1000	12.6	78.4	83.9	86.5	87.8	88.3	88.8	89.5	89.5	89.5	89.5	89.5	89.5	89.6
GE 900	12.7	78.7	84.2	86.8	88.2	88.6	89.2	89.9	89.9	89.9	89.9	89.9	89.9	90.1
GE 800	12.7	78.8	84.3	87.1	88.6	89.1	89.9	90.5	90.5	90.5	90.5	90.5	90.5	91.1
GE 700	12.7	78.9	84.8	88.0	89.6	90.1	91.1	91.8	91.8	91.8	91.8	91.8	91.8	92.4
GE 600	12.7	78.9	84.8	88.2	90.0	90.6	91.6	92.6	92.6	92.6	92.6	92.6	92.6	93.1
GE 500	12.7	79.1	85.1	89.4	91.7	92.4	93.4	94.5	94.5	94.5	94.5	94.5	94.5	95.1
GE 400	12.7	79.1	85.1	89.4	91.8	92.5	93.8	94.8	94.8	94.8	94.8	94.8	94.8	95.1
GE 300	12.7	79.1	85.1	89.5	92.0	92.7	94.5	95.8	95.8	95.8	95.8	95.8	95.8	96.0
GE 200	12.7	79.1	85.1	89.5	92.2	92.8	94.6	96.2	96.2	96.2	96.2	96.2	96.2	97.3
GE 100	12.7	79.1	85.1	89.5	92.2	92.9	94.7	96.3	96.3	96.3	96.3	96.3	96.3	98.3
GE 0	12.7	79.1	85.1	89.5	92.2	92.9	94.7	96.3	96.3	96.3	96.3	96.3	96.3	99.1
GE 0	12.7	79.1	85.1	89.5	92.2	92.9	94.7	96.3	96.3	96.3	96.3	96.3	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85

MONTH: DEC HOURS(LST): 0600-0800

CEILING VISIBILITY IN STATUTE MILES

IN FEET	10	6	5	4	3	2	1/2	1	1/4	1/4	3/8	1/2	5/8	1	1/4	1/4	1/4	0
NO CEIL	8.5	44.0	45.6	46.7	47.1	47.3	47.3	47.4	47.4	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.8
GE 20000	8.0	46.9	48.8	50.1	50.6	50.9	51.0	51.1	51.1	51.1	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.6
GE 18000	8.9	47.4	49.4	50.6	51.2	51.4	51.5	51.6	51.6	51.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.2
GE 16000	8.9	47.4	49.4	50.6	51.2	51.4	51.5	51.6	51.6	51.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.2
GE 14000	9.1	47.8	49.8	51.1	51.6	51.8	51.9	52.0	52.0	52.0	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.6
GE 12000	9.4	48.7	50.6	52.0	52.6	52.8	52.9	53.0	53.0	53.0	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5
GE 10000	10.2	56.1	58.2	59.9	60.5	60.8	60.9	61.0	61.0	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5
GE 9000	10.3	56.5	58.5	60.2	60.9	61.1	61.2	61.3	61.3	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8
GE 8000	11.1	60.8	63.0	65.1	65.9	66.5	66.6	66.7	66.7	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2
GE 7000	11.4	62.3	64.6	66.7	67.5	68.1	68.2	68.3	68.3	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8
GE 6000	11.4	63.0	65.4	67.4	68.3	68.8	68.9	69.0	69.0	69.0	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6
GE 5000	11.5	66.0	68.6	71.0	72.0	72.9	73.2	73.4	73.4	73.5	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1
GE 4500	11.6	67.1	69.7	72.3	73.4	74.3	74.6	74.8	74.8	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5
GE 4000	12.0	70.9	73.7	76.7	78.2	79.1	79.6	79.8	79.8	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5
GE 3500	12.0	72.5	75.3	78.5	80.1	81.1	81.5	81.7	81.7	81.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5
GE 3000	12.0	73.8	76.8	80.0	82.3	83.3	83.8	84.0	84.0	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7
GE 2500	12.0	74.5	77.6	81.0	83.3	84.4	84.8	85.1	85.1	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8
GE 2000	12.0	74.9	78.1	81.4	83.8	84.8	85.5	85.7	85.7	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.5
GE 1800	12.2	75.1	78.4	81.7	84.1	85.2	85.8	86.0	86.0	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8
GE 1500	12.2	75.5	79.0	82.5	85.1	86.1	86.8	87.0	87.0	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7
GE 1200	12.2	75.8	79.8	83.5	86.1	87.2	87.8	88.1	88.1	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8
GE 1000	12.2	76.2	80.3	84.4	87.0	88.1	88.7	88.9	89.0	89.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8
GE 900	12.3	76.7	80.9	84.9	87.6	88.7	89.4	89.6	89.7	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4
GE 800	12.3	77.2	81.6	85.7	88.4	89.5	90.1	90.3	90.4	90.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4
GE 700	12.3	77.3	81.7	86.0	89.1	90.3	91.2	91.4	91.5	91.8	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.6
GE 600	12.3	77.4	81.8	86.1	89.2	90.4	91.5	91.7	91.8	92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.9
GE 500	12.3	77.5	82.2	86.8	90.6	91.8	93.0	93.5	93.7	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.9
GE 400	12.3	77.5	82.2	86.9	90.9	92.2	93.3	94.0	94.1	94.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.5
GE 300	12.3	77.5	82.3	87.0	91.2	92.6	93.9	94.6	94.7	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	96.3
GE 200	12.3	77.5	82.3	87.0	91.3	92.7	94.3	95.3	95.4	96.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.5
GE 100	12.3	77.5	82.3	87.1	91.4	92.8	94.4	95.6	95.7	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	98.5
GE 0	12.3	77.5	82.3	87.1	91.4	92.8	94.4	95.6	95.7	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/ETAC FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-8
 MONTH: DEC HOURS(S): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	10	9	8	7	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	10.8	42.6	43.0	43.3	43.4	43.5	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 20000	11.5	49.0	49.7	50.2	50.5	50.9	51.1	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 18000	11.5	49.6	50.2	50.8	51.1	51.4	51.6	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 16000	11.5	49.6	50.2	50.8	51.1	51.4	51.6	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 14000	11.6	49.9	50.5	51.1	51.4	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 12000	12.2	52.3	53.0	53.5	53.9	54.2	54.4	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 10000	13.2	58.5	59.6	60.6	61.0	61.3	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 9000	13.5	59.2	60.6	61.8	62.2	62.5	62.7	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 8000	13.9	62.3	64.0	65.5	65.9	66.2	66.5	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 7000	14.7	65.5	67.5	69.1	69.6	69.9	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 6000	14.7	67.3	69.4	71.1	71.5	71.8	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 5000	14.9	69.2	71.6	73.3	74.0	74.6	74.8	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 4500	14.9	69.9	72.6	74.5	75.1	75.7	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 4000	15.2	73.3	76.3	78.4	79.2	79.7	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 3500	15.2	74.3	77.3	79.5	80.5	81.2	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 3000	15.3	75.6	78.8	81.2	82.6	83.3	83.7	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 2500	15.5	76.1	79.6	81.9	83.5	84.3	84.8	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 2000	15.5	77.4	80.9	83.2	85.1	86.1	86.7	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1800	15.5	77.5	81.0	83.3	85.2	86.2	86.8	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1500	15.5	77.6	81.2	83.7	85.7	86.9	87.5	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1200	15.5	77.8	81.5	84.1	86.1	87.3	88.0	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1000	15.5	78.3	82.0	84.7	86.9	88.2	88.9	89.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 900	15.5	78.3	82.4	85.4	87.5	88.9	89.7	89.9	89.9	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 800	15.5	78.7	82.8	86.0	88.5	89.9	90.8	91.0	91.1	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 700	15.5	79.0	83.2	86.7	89.2	90.6	91.5	91.7	91.8	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 600	15.5	79.0	83.3	86.8	89.4	90.8	91.6	91.8	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 500	15.5	79.1	83.8	87.7	91.1	92.6	93.5	94.0	94.2	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 400	15.5	79.1	83.8	88.1	91.7	93.7	95.2	95.8	96.1	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 300	15.5	79.1	83.8	88.2	91.9	93.9	95.5	96.1	96.8	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 200	15.5	79.1	83.8	88.2	91.9	93.9	95.5	96.3	97.0	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 100	15.5	79.1	83.8	88.2	91.9	93.9	95.5	96.3	97.0	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 0	15.5	79.1	83.8	88.2	91.9	93.9	95.5	96.3	97.0	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-95
 MONTH: DEC HOURS(SI): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	1/4	0	
NO CEIL	13.4	45.6	46.1	46.5	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 20000	15.2	53.4	54.2	54.5	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 18000	15.8	54.7	55.7	56.0	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 16000	15.9	54.9	55.9	56.2	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 14000	15.9	55.5	56.5	56.8	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 12000	16.3	56.5	57.4	57.7	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 10000	16.9	60.8	61.9	62.3	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 9000	17.0	61.7	62.9	63.2	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 8000	17.3	66.2	67.7	68.1	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 7000	17.8	68.3	69.8	70.3	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 6000	17.8	69.4	70.9	71.6	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 5000	18.0	71.1	72.7	73.5	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 4500	18.2	72.0	73.7	74.7	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 4000	18.3	75.8	78.0	79.0	79.8	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 3500	18.3	76.6	78.7	80.0	81.0	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 3000	18.4	79.6	81.8	83.5	84.9	85.1	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2500	18.5	80.4	82.7	84.4	86.0	86.1	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2000	18.5	81.5	83.9	85.6	87.3	87.4	87.8	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1
GE 1500	18.5	82.3	84.6	86.3	88.2	88.3	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1200	18.5	82.9	85.5	87.2	89.0	89.1	89.6	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
GE 1000	18.5	83.3	86.1	87.8	90.0	90.1	90.5	90.8	90.8	91.0	91.1	91.1	91.1	91.1	91.1
GE 900	18.5	83.5	86.5	88.2	90.4	90.5	91.0	91.2	91.2	91.4	91.5	91.5	91.5	91.5	91.5
GE 800	18.5	83.9	86.9	88.8	91.2	91.3	91.7	92.3	92.3	92.5	92.6	92.6	92.6	92.6	92.6
GE 700	18.5	84.1	87.2	89.5	92.2	92.3	92.7	93.5	93.5	93.8	93.9	94.0	94.0	94.0	94.0
GE 600	18.5	84.1	87.2	89.7	92.5	92.6	93.3	94.2	94.2	94.4	94.5	94.6	94.6	94.6	94.6
GE 500	18.5	84.6	88.2	91.0	93.9	94.4	95.2	96.0	96.3	96.7	96.8	97.0	97.0	97.0	97.0
GE 400	18.5	84.6	88.2	91.0	94.0	94.6	95.6	96.9	97.2	97.5	97.6	97.8	97.8	97.8	97.8
GE 300	18.5	84.6	88.2	91.0	94.0	94.9	96.3	97.7	98.1	98.7	98.9	99.1	99.1	99.1	99.1
GE 200	18.5	84.6	88.2	91.0	94.0	94.9	96.6	98.1	98.4	99.4	99.6	99.8	99.8	99.8	99.8
GE 100	18.5	84.6	88.2	91.0	94.0	94.9	96.6	98.1	98.4	99.4	99.6	99.8	99.8	99.8	99.8
GE 0	18.5	84.6	88.2	91.0	94.0	94.9	96.6	98.1	98.4	99.4	99.6	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: COVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: DEC HOURS(LST): 1500-1700

CEILING VISIBILITY IN STATUTE MILES

IN FEET	10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	12.6	44.7	45.5	45.7	45.8	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 20000	13.9	51.6	52.6	52.9	53.0	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 18000	14.1	52.5	53.4	53.8	53.9	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 16000	14.3	52.8	53.8	54.1	54.2	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 14000	14.3	53.7	54.6	54.9	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 12000	14.8	55.8	57.1	57.2	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 10000	15.1	59.7	60.6	61.1	61.2	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.6
GE 9000	15.5	60.5	61.5	62.0	62.2	62.3	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.6
GE 8000	15.6	64.2	65.2	65.9	66.0	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.5
GE 7000	16.0	66.3	67.5	68.3	68.5	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.9
GE 6000	16.1	67.5	69.0	69.8	70.1	70.1	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.6
GE 5000	16.3	70.3	71.8	73.1	73.5	73.7	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.2
GE 4500	16.3	71.3	72.8	74.1	74.6	74.7	74.9	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.3
GE 4000	16.6	75.1	77.0	78.3	78.9	79.0	79.2	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.6
GE 3500	16.6	76.5	78.7	80.1	80.9	81.0	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.5
GE 3000	17.1	79.4	81.9	83.8	84.7	84.8	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.4
GE 2500	17.1	80.3	83.0	85.1	86.5	86.6	86.8	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.2
GE 2000	17.1	81.5	84.2	86.3	88.0	88.1	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.7
GE 1800	17.1	81.7	84.5	87.0	88.7	88.8	89.0	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.5
GE 1500	17.1	82.2	84.9	87.6	89.6	89.7	89.9	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.4
GE 1200	17.1	82.7	85.5	88.3	90.3	90.4	90.6	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.2
GE 1000	17.1	83.3	86.2	89.1	91.3	91.5	91.8	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.5
GE 900	17.1	83.5	86.5	89.5	91.7	91.9	92.3	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.9
GE 800	17.1	83.8	86.7	89.7	91.9	92.2	92.5	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.1
GE 700	17.1	84.0	87.1	90.1	92.6	92.8	93.1	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.8
GE 600	17.1	84.1	87.3	90.3	93.1	93.3	93.8	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.6
GE 500	17.1	84.3	87.5	90.6	93.8	94.3	94.9	95.6	95.6	96.0	96.0	96.1	96.1	96.2	96.3
GE 400	17.1	84.4	87.6	91.2	94.6	95.2	95.8	96.7	96.8	97.2	97.2	97.4	97.4	97.5	97.6
GE 300	17.1	84.4	87.6	91.2	94.7	95.3	96.0	97.1	97.2	97.7	98.2	98.4	98.4	98.5	98.6
GE 200	17.1	84.4	87.6	91.2	94.8	95.4	96.2	97.3	97.4	98.1	98.5	98.6	98.6	98.8	99.1
GE 100	17.1	84.4	87.6	91.2	94.8	95.4	96.2	97.3	97.4	98.1	98.5	98.6	98.6	98.9	99.8
GE 0	17.1	84.4	87.6	91.2	94.8	95.4	96.2	97.3	97.4	98.1	98.5	98.6	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: DEC HOURS(LIST): 1800-2000

CEILING VISIBILITY IN STATUTE MILES

IN FEET	10	6	5	4	3	2	1/2	1	1/4	1	3/4	1/2	5/8	1/4	0
NO CEIL	13.3	46.5	46.8	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 20000	13.8	52.6	53.1	53.7	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 18000	13.8	52.7	53.2	53.8	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 16000	13.8	52.7	53.2	53.8	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 14000	13.8	53.7	54.2	54.7	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 12000	14.4	55.6	56.1	56.7	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 10000	14.4	60.0	60.5	61.2	61.7	61.7	61.7	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9
GE 9000	14.4	60.6	61.2	61.8	62.4	62.4	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6
GE 8000	14.7	64.0	64.5	65.3	65.8	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0
GE 7000	14.9	66.6	67.1	67.8	68.4	68.4	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6
GE 6000	14.9	67.7	68.3	69.0	69.6	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8
GE 5000	15.2	69.5	70.0	71.0	71.5	71.5	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7
GE 4500	15.2	70.3	71.1	72.2	72.7	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0
GE 4000	15.4	74.4	75.7	76.9	77.5	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
GE 3500	15.8	77.2	78.8	80.1	80.8	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
GE 3000	15.8	79.5	81.7	83.1	83.8	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3
GE 2500	15.8	80.1	82.6	84.0	84.6	84.9	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2
GE 2000	15.8	81.4	84.3	85.9	86.7	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2
GE 1800	15.8	81.7	84.6	86.5	87.2	87.5	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8
GE 1500	15.8	81.9	84.9	86.9	87.6	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1200	15.8	82.8	86.6	88.6	89.4	89.7	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1000	15.8	83.0	87.0	89.1	90.3	90.6	91.0	91.2	91.2	91.2	91.4	91.4	91.4	91.4	91.4
GE 900	15.8	83.5	87.5	89.8	91.0	91.3	91.6	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0
GE 800	15.8	83.8	88.0	90.4	91.7	92.0	92.4	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8
GE 700	15.8	84.1	88.3	90.9	92.2	92.6	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 600	15.8	84.4	88.6	91.3	92.6	93.0	93.3	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0
GE 500	15.8	84.5	88.8	91.7	93.3	93.8	94.1	94.6	94.6	94.9	95.3	95.3	95.3	95.3	95.3
GE 400	15.8	84.6	89.1	92.3	94.1	94.5	95.1	95.7	96.0	96.3	96.5	96.5	96.5	96.5	96.5
GE 300	15.8	84.6	89.1	92.3	94.2	94.6	95.4	96.2	96.2	96.8	97.2	97.3	97.3	97.3	97.3
GE 200	15.8	84.6	89.1	92.6	94.7	95.3	96.0	97.2	97.3	97.8	98.4	98.7	98.7	98.7	98.7
GE 100	15.8	84.6	89.1	92.6	94.7	95.3	96.0	97.2	97.3	97.8	98.4	99.1	99.1	99.1	99.1
GE 0	15.8	84.6	89.1	92.6	94.7	95.3	96.0	97.2	97.3	97.8	98.4	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAF/AFAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: DEC HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	12.8	49.0	50.1	50.3	50.5	50.5	50.5	50.6	50.6	50.6	50.6	50.8	50.8	50.8	50.8	50.9
GE 20000	13.1	53.1	54.4	54.8	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.4
GE 18000	13.1	53.3	54.6	55.1	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.6
GE 16000	13.1	53.3	54.6	55.1	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.6
GE 14000	13.2	53.9	55.2	55.6	55.8	55.8	55.8	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.1
GE 12000	13.4	55.3	56.6	57.0	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.5
GE 10000	13.8	59.8	61.2	61.6	61.8	61.8	61.8	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.2
GE 9000	14.0	60.3	61.7	62.2	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.7
GE 8000	14.4	63.7	65.1	65.7	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.3
GE 7000	14.6	64.6	66.0	66.7	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.3
GE 6000	14.6	65.0	67.2	67.8	68.2	68.2	68.4	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.8
GE 5000	14.8	69.7	71.1	71.7	72.0	72.0	72.3	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.7
GE 4500	14.8	70.1	71.7	72.4	72.7	72.7	72.9	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.3
GE 4000	14.9	74.9	77.7	78.5	78.8	78.8	79.0	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.5
GE 3500	14.9	76.2	79.1	80.3	80.6	80.8	81.0	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.4
GE 3000	14.9	78.4	81.8	83.1	83.7	83.8	84.1	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.5
GE 2500	14.9	79.4	83.1	84.5	85.3	85.4	85.7	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.1
GE 2000	14.9	80.0	84.5	86.2	87.0	87.2	87.5	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	88.0
GE 1800	14.9	80.0	84.6	86.3	87.1	87.3	87.6	88.0	88.0	88.0	88.0	88.2	88.2	88.2	88.2	88.3
GE 1500	14.9	80.4	85.3	87.1	87.8	88.3	88.6	88.9	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.2
GE 1200	14.9	81.4	86.3	88.4	89.2	89.7	90.0	90.3	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.6
GE 1000	14.9	81.9	87.1	89.2	90.4	90.9	91.2	91.5	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.8
GE 900	14.9	82.4	87.7	89.9	91.3	91.7	92.0	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.7
GE 800	14.9	82.5	88.0	90.3	91.8	92.3	92.7	93.0	93.0	93.0	93.0	93.2	93.2	93.2	93.2	93.3
GE 700	14.9	82.6	88.2	90.6	92.2	92.6	93.1	93.4	93.4	93.4	93.4	93.7	93.7	93.7	93.7	93.8
GE 600	14.9	82.9	88.5	91.0	92.6	93.0	93.9	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.4	94.5
GE 500	14.9	83.2	88.9	91.6	93.8	94.2	95.3	96.0	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.3
GE 400	14.9	83.2	88.9	91.6	93.8	94.2	95.4	96.1	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.5
GE 300	14.9	83.2	88.9	91.7	94.1	94.5	96.0	97.3	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.8
GE 200	14.9	83.2	88.9	91.8	94.2	94.7	96.2	97.7	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0
GE 100	14.9	83.2	88.9	91.8	94.2	94.7	96.2	97.8	97.8	97.8	97.8	98.2	98.2	98.2	98.2	98.8
GE 0	14.9	83.2	88.9	91.8	94.7	94.7	96.2	97.8	97.8	97.8	97.8	98.2	98.2	98.2	98.2	98.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE

PERIOD OF RECORD: 76-85
 MONTH: DEC HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	11.6	46.9	47.8	48.3	48.6	48.7	48.8	48.8	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9
GE 20000	12.2	51.9	53.0	53.6	54.0	54.1	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4
GE 18000	12.4	52.4	53.5	54.1	54.5	54.6	54.7	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9
GE 16000	12.4	52.5	53.6	54.2	54.6	54.7	54.8	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0
GE 14000	12.4	53.0	54.1	54.7	55.1	55.2	55.3	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5
GE 12000	12.8	54.4	55.5	56.2	56.6	56.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 10000	13.3	59.2	60.4	61.2	61.6	61.7	61.8	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.1
GE 9000	13.3	59.7	61.1	61.9	62.3	62.4	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.8
GE 8000	13.8	63.5	65.0	66.0	66.6	66.7	66.8	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.1
GE 7000	14.1	65.3	66.9	67.9	68.6	68.6	68.8	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0
GE 6000	14.2	66.5	68.1	69.2	69.8	69.9	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 5000	14.3	69.1	70.8	72.1	72.8	73.1	73.3	73.4	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6
GE 4500	14.4	70.0	71.8	73.1	73.9	74.2	74.4	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7
GE 4000	14.6	73.9	76.3	77.9	78.8	79.1	79.4	79.5	79.5	79.6	79.7	79.7	79.7	79.7	79.7	79.7
GE 3500	14.7	75.5	78.1	79.9	80.8	81.2	81.5	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.9
GE 3000	14.8	77.5	80.3	82.3	83.5	83.9	84.2	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.7
GE 2500	14.8	78.1	81.2	83.2	84.6	85.0	85.3	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.8
GE 2000	14.8	79.0	82.3	84.4	85.9	86.4	86.8	87.0	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.3
GE 1800	14.8	79.1	82.6	84.7	86.2	86.7	87.1	87.4	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6
GE 1500	14.8	79.6	83.2	85.4	87.1	87.6	88.1	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.6
GE 1200	14.8	80.1	84.0	86.4	88.0	88.6	89.1	89.3	89.3	89.4	89.6	89.6	89.6	89.6	89.6	89.6
GE 1000	14.8	80.5	84.6	87.1	89.0	89.5	90.1	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7
GE 900	14.9	80.9	85.0	87.6	89.5	90.1	90.7	91.0	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3
GE 800	14.9	81.1	85.4	88.2	90.2	90.8	91.4	91.7	91.7	91.9	92.1	92.1	92.1	92.1	92.2	92.2
GE 700	14.9	81.4	85.8	88.8	91.0	91.6	92.3	92.7	92.7	92.8	93.1	93.1	93.1	93.1	93.1	93.2
GE 600	14.9	81.5	86.0	89.0	91.4	92.0	92.8	93.2	93.3	93.4	93.7	93.7	93.7	93.7	93.7	93.8
GE 500	14.9	81.7	86.4	89.8	92.6	93.3	94.2	94.9	95.0	95.2	95.5	95.5	95.5	95.5	95.6	95.7
GE 400	14.9	81.7	86.4	90.0	92.9	93.8	94.8	95.6	95.7	96.0	96.3	96.3	96.3	96.5	96.5	96.6
GE 300	14.9	81.7	86.5	90.1	93.2	94.0	95.3	96.4	96.5	97.1	97.4	97.4	97.6	97.7	97.7	97.8
GE 200	14.9	81.7	86.5	90.2	93.3	94.2	95.6	96.8	97.0	97.7	98.2	98.2	98.5	98.6	98.7	98.7
GE 100	14.9	81.7	86.5	90.2	93.3	94.3	95.7	96.9	97.1	97.9	98.5	98.5	99.0	99.2	99.4	99.8
GE 0	14.9	81.7	86.5	90.2	93.3	94.3	95.7	96.9	97.1	97.9	98.5	98.5	99.0	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 USAFETAC FROM HOURLY OBSERVATIONS
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-86
 MONTH: ALL HOURS(LST): ALL

CEILING VISIBILITY IN STATUTE MILES

IN FEET	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	7.0	46.2	48.6	50.1	51.0	51.3	51.5	51.7	51.7	51.8	51.8	51.9	51.9	51.9
GE 20000	7.5	52.5	55.5	57.3	58.4	58.7	59.0	59.2	59.3	59.3	59.3	59.4	59.4	59.4
GE 18000	7.5	52.7	55.7	57.5	58.6	59.0	59.2	59.4	59.5	59.6	59.6	59.6	59.6	59.7
GE 16000	7.5	52.9	55.8	57.7	58.8	59.1	59.4	59.6	59.7	59.7	59.7	59.7	59.8	59.8
GE 14000	7.6	53.4	56.4	58.3	59.4	59.7	60.0	60.2	60.3	60.3	60.3	60.4	60.4	60.4
GE 12000	7.7	54.5	57.6	59.6	60.7	61.0	61.3	61.5	61.6	61.7	61.7	61.7	61.8	61.8
GE 10000	7.9	58.1	61.5	63.7	65.0	65.4	65.7	65.9	66.0	66.1	66.1	66.1	66.2	66.2
GE 9000	8.0	58.8	62.3	64.5	65.8	66.2	66.5	66.7	66.8	66.9	66.9	66.9	67.0	67.0
GE 8000	8.1	61.6	65.4	67.9	69.3	69.7	70.1	70.3	70.4	70.5	70.5	70.5	70.6	70.6
GE 7000	8.2	62.7	66.7	69.2	70.7	71.1	71.5	71.7	71.8	71.9	71.9	71.9	71.9	72.0
GE 6000	8.2	63.5	67.5	70.1	71.6	72.0	72.4	72.6	72.7	72.8	72.8	72.9	72.9	72.9
GE 5000	8.3	65.6	69.9	72.6	74.2	74.7	75.1	75.3	75.3	75.5	75.5	75.6	75.6	75.6
GE 4000	8.5	70.3	75.1	78.3	80.1	80.6	81.1	81.4	81.4	81.6	81.6	81.6	81.7	81.7
GE 3500	8.6	71.7	76.7	79.9	81.9	82.4	82.9	83.1	83.2	83.3	83.4	83.4	83.4	83.5
GE 3000	8.6	73.2	78.4	81.8	83.9	84.5	85.0	85.3	85.4	85.5	85.6	85.6	85.6	85.7
GE 2500	8.7	75.0	79.3	82.9	85.1	85.7	86.3	86.6	86.6	86.8	86.8	86.9	86.9	86.9
GE 2000	8.7	74.8	80.3	84.0	86.4	87.0	87.6	87.9	88.0	88.2	88.2	88.3	88.3	88.3
GE 1800	8.7	74.9	80.5	84.3	86.7	87.3	87.9	88.3	88.3	88.5	88.6	88.6	88.6	88.7
GE 1500	8.7	75.4	81.1	85.1	87.6	88.2	88.9	89.3	89.3	89.5	89.6	89.7	89.7	89.7
GE 1200	8.7	75.9	81.9	86.0	88.6	89.3	90.1	90.5	90.7	90.8	90.8	90.9	90.9	91.0
GE 1000	8.7	76.3	82.4	86.7	89.6	90.3	91.1	91.5	91.6	91.8	92.0	92.0	92.1	92.1
GE 900	8.7	76.5	82.7	87.0	90.0	90.8	91.6	92.0	92.1	92.3	92.5	92.5	92.6	92.6
GE 800	8.7	76.7	83.0	87.5	90.7	91.5	92.4	92.9	93.0	93.4	93.4	93.5	93.5	93.5
GE 700	8.7	76.9	83.2	87.9	91.2	92.1	93.1	93.6	93.7	94.0	94.1	94.2	94.2	94.3
GE 600	8.7	76.9	83.3	88.1	91.5	92.4	93.4	94.0	94.0	94.4	94.5	94.6	94.7	94.7
GE 500	8.7	77.1	83.6	88.5	92.3	93.3	94.6	95.3	95.4	95.8	96.0	96.1	96.2	96.2
GE 400	8.7	77.1	83.7	88.7	92.7	93.8	95.2	96.0	96.2	96.7	96.9	97.0	97.1	97.2
GE 300	8.7	77.2	83.8	88.8	92.9	94.1	95.6	96.6	96.8	97.4	97.7	97.9	98.0	98.1
GE 200	8.7	77.2	83.8	88.9	93.0	94.2	95.8	96.9	97.1	97.8	98.2	98.6	98.7	98.9
GE 100	8.7	77.2	83.8	88.9	93.0	94.2	95.9	96.9	97.2	97.9	98.4	98.8	99.0	99.3
GE 0	8.7	77.2	83.8	88.9	93.0	94.2	95.9	96.9	97.2	97.9	98.4	98.8	99.0	99.3

TOTAL NUMBER OF OBSERVATIONS: 87642

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED,
BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE
TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH
 USAF/CIAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE

PERIOD OF RECORD: 77-86

MONTH: JAN

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	31.6			18.0						12.3	40.1	5.6	930
03-05	21.5			16.5						13.4	42.6	6.0	930
06-08	14.6			25.4						21.2	38.8	6.5	930
09-11	8.5			30.4						22.7	38.4	6.8	930
12-14	6.0			30.4						25.2	38.4	7.0	930
15-17	6.8			32.0						23.5	37.6	6.8	930
18-20	18.6			28.1						15.4	38.0	6.0	930
21-23	21.0			20.0						18.3	38.7	5.8	930
TOTALS	17.6			24.9						18.5	39.1	6.3	7940

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE

PERIOD OF RECORD: 77-86

MONTH: FEB

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	32.5			16.8						10.8	39.9	5.5	844
03-05	28.1			18.2						12.1	41.5	5.8	840
06-08	15.5			29.5						16.4	38.6	6.2	843
09-11	12.0			27.8						20.8	39.5	6.7	843
12-14	10.4			25.5						23.9	40.2	6.9	844
15-17	11.0			27.5						19.4	42.1	6.8	846
18-20	17.2			27.3						18.1	41.4	6.2	845
21-23	29.5			20.8						10.3	39.4	5.5	842
TOTALS	19.5			24.2						16.0	40.3	6.2	6747

GLOBAL CLIMATOLOGY BRANCH
 USAF/AFALC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: MAR

HOURS (LLST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	34.4			15.6						11.8	38.1	5.3	929
03-05	33.9			15.8						11.5	38.8	5.4	929
06-08	13.9		29.1							19.3	37.8	6.4	929
09-11	11.5		28.3							21.2	39.0	6.7	929
12-14	8.5		28.9							23.9	38.7	6.9	930
15-17	8.3		31.2							25.1	35.5	6.7	930
18-20	16.5		26.1							22.4	35.1	6.3	930
21-23	31.0		17.0							14.2	37.8	5.6	930
TOTALS	19.8		24.0							18.7	37.6	6.2	7436

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 77-86
 MONTH: APR

HOURS (LLST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	31.0			19.2						14.4	35.5	5.4	898
03-05	26.0		22.9							15.5	35.7	5.6	897
06-08	15.0		25.6							23.8	35.5	6.5	898
09-11	10.3		31.5							21.7	36.5	6.5	899
12-14	7.8		31.4							24.9	35.9	6.8	897
15-17	8.3		29.0							29.6	31.0	6.8	899
18-20	12.5		28.9							22.5	36.1	6.5	897
21-23	24.5		22.6							16.7	36.2	5.8	898
TOTALS	16.9		26.4							21.1	35.6	6.2	7183

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: JUL

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	22.9		25.6							20.5	31.0	5.7	918
03-05	15.8		32.0							25.4	26.8	5.9	912
06-08	10.2		37.1							26.2	26.5	6.1	910
09-11	7.6		40.4							28.2	23.8	6.1	925
12-14	1.3		38.8							34.1	25.8	6.8	929
15-17	3.3		39.2							32.0	25.4	6.6	928
18-20	6.8		36.8							29.8	26.6	6.4	927
21-23	24.5		25.1							21.5	28.9	5.6	924
TOTALS	11.6		34.4							27.2	26.9	6.2	7373

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE

PERIOD OF RECORD: 76-85
 MONTH: AUG

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	26.9		22.0							20.4	30.7	5.6	906
03-05	21.6		26.8							22.2	29.3	5.7	910
06-08	12.6		32.7							30.6	24.1	6.1	905
09-11	11.4		36.3							31.3	21.0	6.0	923
12-14	4.1		41.9							32.1	21.9	6.3	927
15-17	4.5		42.9							33.7	18.9	6.2	927
18-20	7.3		41.4							29.0	22.3	6.1	920
21-23	24.9		25.5							22.2	27.4	5.5	916
TOTALS	14.2		33.7							27.7	24.5	5.9	7334

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: SEP

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	37.0			22.7						15.5	24.8	4.6	890
03-05	35.7			24.1						16.7	23.5	4.6	874
06-08	14.3			36.2						25.1	24.4	5.8	887
09-11	12.6			37.3						25.6	24.4	5.9	897
12-14	6.2			41.4						30.3	22.0	6.2	898
15-17	6.9			41.3						28.7	23.1	6.1	898
18-20	16.7			33.3						26.4	23.6	5.7	894
21-23	29.4			26.5						18.3	25.7	5.0	894
TOTALS	19.9			32.9						23.3	23.9	5.5	7132

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: OCT

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	34.6			14.5						15.1	35.9	5.4	923
03-05	33.5			16.7						13.6	36.2	5.3	926
06-08	10.9			33.6						24.8	30.8	6.3	921
09-11	9.5			34.7						27.8	28.0	6.3	928
12-14	6.4			34.5						30.5	28.6	6.6	927
15-17	8.2			34.0						29.4	28.5	6.5	930
18-20	19.2			29.8						20.6	30.3	5.8	926
21-23	31.1			17.9						18.9	32.1	5.5	921
TOTALS	19.2			27.0						22.6	31.3	6.0	7402

GLOBAL CLIMATOLOGY BRANCH
 USAF/CIAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: NOV

HOURS	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
(LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	33.6	17.4								11.6	37.4	5.3	893
03-05	32.2	17.8								12.3	37.7	5.4	892
06-08	12.9	28.5								24.7	33.9	6.5	889
09-11	11.3	26.7								21.8	34.3	6.7	896
12-14	8.6	29.7								28.8	33.0	6.8	900
15-17	7.8	31.0								29.0	32.2	6.8	900
18-20	21.3	19.7								20.9	38.1	6.3	898
21-23	28.5	17.6								14.6	39.3	5.8	892
TOTALS	19.5	23.6								21.2	35.7	6.2	7160

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 76-85
 MONTH: DEC

HOURS	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
(LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN <td>TOTAL OBS</td>	TOTAL OBS
00-02	33.8	16.3								13.0	36.9	5.4	929
03-05	31.5	18.6								14.1	35.9	5.8	925
06-08	14.8	28.9								22.0	34.4	6.3	928
09-11	8.4	27.8								29.0	34.8	6.9	928
12-14	8.0	31.7								24.2	36.1	6.7	930
15-17	7.4	32.4								26.6	33.6	6.7	929
18-20	20.5	23.3								17.9	38.4	6.1	929
21-23	29.7	15.7								16.4	38.2	5.8	929
TOTALS	19.3	24.3								20.4	36.0	6.2	7427

U S AIR FORCE
ENVIRONMENTAL TECHNICAL,
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follow:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

* Values for means and standard deviations do not include incomplete months for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

These tables have been temporarily discontinued for the Russwo pending the advent of RUSSWO-2 in mid 1986.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DAILY TEMPERATURES

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 7247RR
 DOVER AFB DE

42-46, 49-86

STATION NAME

YEARS

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
100					.1	.6		.1					.1
95					.1	4.3		2.2	.7				.8
90				.1	1.9	12.9	22.3	15.0	6.1	.1			4.9
85			.2	2.0	8.4	33.3	50.1	40.3	17.4	1.4			12.9
80			1.0	6.2	20.2	50.7	79.9	70.7	36.4	5.4	.5		23.3
75			3.2	13.6	39.4	75.6	93.7	59.4	15.9	2.3			32.6
70	.3	1.2	7.2	23.3	59.2	91.7	99.7	62.9	35.2	7.3	1.3		42.6
65	2.2	4.0	13.2	36.2	76.7	98.5	100.0	94.5	57.8	17.5	4.0		51.6
60	5.5	7.7	22.5	57.1	92.1	99.0		99.0	77.8	34.9	9.8		69.6
55	11.4	16.5	35.7	77.2	98.5	100.0			99.7	53.6	18.2		67.2
50	17.9	26.7	52.7	91.2	99.9				100.0	97.7	70.4	29.8	74.0
45	30.5	40.0	72.8	98.2	100.0					99.6	80.5	47.7	81.4
40	49.8	59.5	87.8	99.7						100.0	96.2	67.6	98.4
35	68.8	79.4	96.0	100.0							99.3	83.1	93.9
30	85.1	91.0	98.8								99.9	93.3	97.3
25	94.1	96.7	99.8								100.0	98.9	99.1
20	98.1	99.0	99.9									99.7	99.7
15	99.6	99.7	100.0									99.9	99.9
10	100.0	100.0										100.0	100.0
MEAN	45.1	43.0	51.5	62.3	71.6	76.5	84.6	83.0	76.3	66.1	55.4	44.7	53.3
S.D.	10.790	13.981	10.287	10.077	8.795	7.667	5.902	5.843	7.746	8.340	9.577	10.431	10.316
NO. OBS.	1250	1129	1243	1250	1240	1200	1229	1250	1190	1229	1173	1279	1436

DAILY TEMPERATURES

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 STATION NAME
 724088 DOVER AFB DE

YEARS
 42-46, 49-86

MINIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
80						.1	.3						.0
75						1.7	7.6	4.7	.9				1.3
70					.7	14.7	40.5	34.0	10.2	.3			6.5
65					6.6	42.4	72.8	66.8	29.4	3.1	.2		18.7
60			.4	3.3	23.6	75.0	94.4	87.3	50.5	15.4	1.5		24.7
55	.1	.1	1.1	8.8	46.5	90.2	99.4	97.3	74.0	24.2	5.4	.5	37.6
50	.5	.6	3.1	21.8	71.0	96.7	100.0	99.9	90.8	44.7	12.6	1.7	45.7
45	1.3	2.7	9.8	45.2	90.3	99.8		100.0	97.9	67.5	74.6	5.2	53.9
40	5.2	7.6	26.4	59.7	98.4	100.0			99.8	85.6	42.6	13.1	62.6
35	14.3	20.2	51.4	88.7	99.8				100.0	96.0	65.9	28.9	72.3
33	21.1	29.0	61.5	93.9	100.0					97.8	74.6	37.0	76.4
30	33.9	42.8	76.5	97.7						99.3	97.0	50.9	82.4
25	57.0	65.9	91.5	99.7						99.9	97.0	72.7	90.4
20	75.9	82.2	97.4	100.0						100.0	99.7	87.0	95.2
15	89.5	93.2	99.1								99.9	95.5	98.1
10	95.7	97.9	99.9							100.0	99.3	99.4	99.4
5	98.9	99.5	100.0									99.7	99.3
0	99.8	100.0										99.9	100.0
-5	100.0											100.0	100.0
MEAN	25.6	27.0	34.8	43.8	53.8	62.8	67.7	66.4	59.7	46.5	38.8	29.7	66.6
SD	5.360	4.637	7.789	7.644	7.159	6.192	4.957	5.619	7.519	6.316	4.648	9.017	16.651
TOTAL OBS	1240	1129	1240	1270	1240	1240	1229	1257	1100	1209	1170	1219	14176

DAILY TEMPERATURES

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 724088 DOVER AFB DE

42-46, 49-86

STATION NAME

YEARS

1984

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
90					.1	.2							.7
85					.1	1.2	3.8	2.0	.5				.6
80					.7	12.7	27.9	20.0	7.1	.1			5.3
75				.5	6.7	35.6	63.1	54.5	21.1	1.6			13.5
70			.4	3.9	20.3	62.8	92.0	84.0	44.2	5.0	.7		26.4
65		.1	1.5	9.7	41.2	85.0	99.8	97.4	69.4	16.5	2.5	.1	35.7
60		.6	4.1	21.6	66.0	98.2	100.0	99.8	89.5	41.8	7.8	1.4	44.5
55	1.4	2.7	11.7	39.7	85.9	99.7	100.0	100.0	98.0	64.6	71.3	3.7	62.7
50	4.7	6.4	23.4	66.7	97.7	100.0			89.7	84.4	39.6	10.7	51.3
45	11.5	17.0	41.0	66.2	100.0				100.0	95.5	59.0	22.0	59.5
40	22.9	32.3	68.0	96.7						99.1	81.6	39.1	76.4
35	42.9	54.3	86.0	99.7						100.0	95.1	61.3	86.7
30	64.7	74.6	95.2	100.0							99.1	81.0	92.9
25	82.7	88.9	98.7								99.6	91.5	96.8
20	93.0	96.1	99.7								100.0	97.9	96.9
15	97.7	96.8	100.0									99.5	99.7
10	99.7	99.6										99.6	99.9
5	99.9	100.0										100.0	100.0
0	100.0											100.0	100.0
MEAN	33.1	35.9	43.4	53.3	63.6	71.9	76.3	74.9	68.4	57.5	47.3	37.4	55.2
S.D.	9.324	9.223	8.771	8.183	7.320	6.378	4.869	5.201	7.080	7.665	8.593	9.283	17.357
TOTAL OBS.	1240	1129	1245	1200	1241	1200	1229	1255	1190	1219	1170	1279	14536

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAJ

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 42-86, 49-86

WHOLE DEGREES FARENHEIT

-R-O-N-T-H-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
74	72	67	74	88	90	92	94	90	88	80	82	61	94
75	70	74	73	79	84	91	91	95	85	85	75	65	95
76	69	74	79	88	85	92	89	89	87	76	67	59	92
77	50	72	80	85	95	91	101	99	93	81	72	60	101
78	63	46	72	81	90	93	98	91	89	82	70	72	98
79	61	52	80	78	88	87	92	94	86	83	72	67	94
80	58	59	63	73	88	89	99	97	95	76	69	69	99
81	50	66	72	82	85	91	95	90	85	79	69	62	95
82	65	60	66	78	86	86	93	88	87	83	80	72	93
83	58	58	69	80	85	90	96	97	95	83	68	60	97
84	57	66	64	75	87	92	93	89	92	82	68	72	93
85	64	75	77	90	85	90	94	93	92	86	74	64	94
86	65	60	80	75	92	93							
MEAN	62.7	63.7	73.1	82.0	87.4	92.7	94.7	93.0	90.3	81.5	72.5	64.8	95.8
S.D.	5.269	7.214	6.207	4.388	3.781	3.148	3.038	3.061	3.539	3.939	4.729	5.091	2.684
TOTAL OBS	1240	1129	1240	1200	1240	1200	1229	1250	1190	1209	1170	1239	14536

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

GLOBAL CLIMATOLOGY BRANCH
USAFETYC
AIR WEATHER SERVICE/MAJ

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 72ND88 STATION NAME: DOVER AFB DE

PERIOD OF RECORD: 42-46, 49-86

WHOLE DEGREES FAHRENHEIT
-M-0-N-Y-N-S-

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
42													
43	16	5	10	21	33	56	52	51	40	39	26	14	5
44	15	18	19	28	45	48	57	52	47	32	28	14	14
45	7	16	29	31	41	43	53	53	50	34	23	9	7
46	4	16	27	31	39	48	54	51	*47				
49						*64		*55					
50								*58	42	35	20	12	
51	18	10	25	32	45	52	50	51	42	42	21	11	10
52	12	22	26	33	42	54	53	51	*46	24	24	17	12
53	23	17	23	33	47	50	57	56	44	36	28	14	14
54	11	13	22	28	41	49	58	57	47	35	26	16	11
55	9	4	21	34	43	50	62	59	49	35	14	12	4
56	17	20	20	30	36	50	58	56	39	35	20	21	17
57	2	23	26	32	36	52	57	54	42	33	27	14	2
58	11	4	27	32	45	50	62	56	43	39	19	10	4
59	12	13	23	34	43	50	59	57	41	34	22	15	12
60	20	19	9	29	38	53	59	61	52	34	25	9	9
61	4	1	22	33	38	53	57	52	45	35	26	14	1
62	9	0	14	30	39	56	53	58	40	32	28	8	0
63	7	10	27	34	38	53	57	53	39	39	29	11	7
64	5	19	24	28	42	48	61	50	47	32	22	16	5
65	4	*11	19	28	47	55	61	50	48	28	21	15	4
66	3	10	23	32	34	45	55	59	45	29	28	15	3
67	16	8	14	29	42	43	55	60	44	32	21	12	8
68	5	9	19	29	39	52	59	53	47	32	29	12	5
69	14	19	22	29	42	53	60	55	45	27	21	18	14
70	3	10	23	29	35	52	61	60	44	37	20	18	3
71	9	5	24	30	41	54	55	55	48	44	26	20	5
72	6	14	22	27	43	45	56	53	52	32	25	21	6
73	15	8	24	33	42	59	58	56	51	38	27	15	8

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

CONTINUED ON NEXT PAGE.....

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

STATION NUMBER: 724088 STATION NAME: DOVER AFB DE PERIOD OF RECORD: 42-86, 49-86

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

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
74	18	15	24	32	40	52	58	54	41	31	20	24	15
75	18	17	20	30	46	54	57	60	47	28	30	18	17
76	8	12	23	29	41	52	58	53	46	29	19	15	8
77	4	14	30	29	43	49	59	55	51	37	29	16	4
78	12	11	14	35	41	54	58	65	45	38	27	19	11
79	13	13	23	32	46	53	56	55	47	33	26	23	1
80	18	13	12	32	41	51	57	60	46	35	27	10	10
81	5	13	23	33	38	56	56	50	46	32	26	17	5
82	-3	17	24	22	45	55	57	48	51	35	27	16	-3
83	17	15	28	35	40	54	58	55	42	36	32	3	3
84	3	21	18	34	41	49	58	52	46	44	21	25	3
85	-5	17	23	29	42	52	61	58	47	36	35	14	-5
86	11	16	13	36	38	49							

MEAN	9.9	12.7	21.5	30.7	41.0	51.3	57.4	55.0	45.5	34.3	24.7	14.9	6.8
S.D.	6.504	6.023	5.114	3.141	3.456	3.833	2.500	3.752	3.622	4.336	4.222	4.548	5.326
TOTAL OBS	1240	1129	1240	1200	1240	1200	1229	1250	1190	1209	1170	1239	14536

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

76-86

DOVER AFB DE

HRS. (L.S.T.)	STATION NAME												ANNUAL	
	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.		
00-02	MEAN	29.3	32.1	40.3	49.3	58.9	65.9	71.0	70.0	63.5	53.1	45.4	36.8	51.4
	S.D.	9.800	9.685	9.234	7.734	7.372	5.923	5.065	5.413	6.990	8.335	9.092	10.385	16.255
	TOTAL OBS	930	846	930	899	930	900	930	930	900	930	900	930	10955
03-05	MEAN	28.5	31.1	39.1	47.8	57.5	64.5	69.6	68.9	62.2	52.1	44.4	35.9	50.2
	S.D.	9.867	9.788	9.210	7.713	7.571	5.969	5.281	5.731	7.470	8.616	9.204	10.552	16.194
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10955
06-08	MEAN	28.1	30.6	39.5	49.7	60.5	68.2	72.9	71.3	63.9	53.0	44.2	35.5	51.6
	S.D.	9.822	9.901	9.316	8.074	7.540	5.918	5.420	5.874	7.519	8.580	9.292	10.649	17.394
	TOTAL OBS	930	846	930	900	930	899	930	930	900	930	900	930	10955
09-11	MEAN	31.7	35.3	45.2	56.3	67.1	74.5	79.4	78.3	71.4	60.0	50.0	39.7	57.5
	S.D.	9.524	9.958	10.180	9.073	8.376	6.563	6.065	5.931	7.366	8.146	8.994	10.317	18.348
	TOTAL OBS	930	846	929	900	930	900	930	930	900	930	900	930	10955
12-14	MEAN	34.6	38.9	49.1	59.8	70.4	77.6	82.5	81.6	74.8	63.6	53.7	43.1	60.9
	S.D.	9.586	10.280	10.788	9.669	9.104	6.923	6.368	6.176	7.721	8.591	9.258	10.594	18.432
	TOTAL OBS	930	846	930	899	930	900	930	930	900	930	900	930	10955
15-17	MEAN	34.6	38.8	49.5	59.8	70.2	77.3	82.2	80.8	74.0	62.2	52.3	42.0	60.4
	S.D.	9.252	9.995	10.647	9.493	9.135	7.037	6.324	6.057	7.465	8.134	8.928	10.224	18.305
	TOTAL OBS	930	846	930	900	929	900	930	930	900	930	900	930	10955
18-20	MEAN	31.8	35.4	45.2	55.5	65.4	73.2	77.7	75.8	68.3	57.0	48.2	38.8	56.1
	S.D.	8.898	9.281	9.277	8.760	8.240	6.633	5.785	5.695	6.799	7.666	8.273	9.851	17.456
	TOTAL OBS	928	846	930	899	929	898	930	930	930	900	900	930	10950
21-23	MEAN	30.2	33.5	42.5	51.6	61.2	68.2	73.0	71.7	65.0	54.4	46.4	37.6	53.0
	S.D.	9.221	9.280	8.934	7.828	7.483	5.802	4.960	5.216	6.612	7.758	8.751	9.996	16.367
	TOTAL OBS	930	846	930	900	930	894	930	930	900	930	900	930	10950
ALL HOURS	MEAN	31.1	34.5	43.8	53.7	63.9	71.2	76.0	74.8	67.9	56.9	48.1	38.7	55.2
	S.D.	9.800	10.228	10.460	9.663	9.404	7.961	7.389	7.431	8.623	9.243	9.588	10.644	17.808
	TOTAL OBS	7438	6768	7439	7197	7438	7191	7440	7440	7200	7440	7200	7440	87631

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

76-86

724088 DOVER AFB DE

HRS. (U.S.T.)	STATION NAME												ANNUAL	
	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.		
00-02	MEAN	26.6	29.3	36.5	44.7	54.9	61.4	67.0	66.7	59.9	49.6	42.1	33.4	47.6
	S.D.	9.889	9.743	8.951	7.761	7.746	6.222	5.283	5.921	7.454	8.942	9.656	10.503	16.110
	TOTAL OBS	930	846	930	899	930	900	930	930	900	930	882	930	10937
03-05	MEAN	25.9	28.7	35.7	43.8	54.1	60.7	66.3	66.1	59.1	49.9	41.2	32.8	47.0
	S.D.	9.939	9.918	9.065	7.930	8.067	6.441	5.559	6.205	7.934	9.242	9.686	10.648	16.207
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	882	930	10938
06-08	MEAN	25.6	28.3	36.0	45.3	56.2	63.1	68.2	67.6	60.3	49.7	41.3	32.5	48.0
	S.D.	9.879	10.107	9.169	8.057	7.804	6.147	5.340	6.064	7.771	9.172	9.722	10.763	16.919
	TOTAL OBS	930	846	930	900	930	899	930	930	900	930	879	930	10934
09-11	MEAN	28.2	31.5	39.6	49.0	59.4	65.7	70.5	70.6	63.8	53.7	45.2	35.4	51.2
	S.D.	9.435	9.891	9.351	8.091	7.796	6.245	5.338	5.717	7.206	8.634	9.234	10.464	16.724
	TOTAL OBS	930	846	929	899	930	900	930	930	900	930	883	928	10935
12-14	MEAN	30.3	33.7	41.8	50.7	60.7	66.6	71.3	71.4	64.6	55.0	46.9	37.4	52.6
	S.D.	9.260	9.623	9.277	8.015	7.627	6.249	5.276	5.659	7.035	8.581	9.127	10.386	16.205
	TOTAL OBS	930	846	930	898	930	900	929	929	899	930	884	930	10935
15-17	MEAN	30.2	33.7	41.9	50.4	60.3	66.3	71.1	70.9	64.2	54.2	46.0	36.6	52.3
	S.D.	9.136	9.365	8.990	7.613	7.389	6.007	5.117	5.433	6.860	8.361	9.055	10.172	16.066
	TOTAL OBS	930	846	930	897	929	900	930	930	899	930	882	930	10933
18-20	MEAN	28.3	31.6	39.6	48.2	58.2	64.6	69.6	69.2	62.0	51.6	43.7	34.7	50.2
	S.D.	9.000	9.268	8.601	7.627	7.316	5.836	5.023	5.531	6.913	8.430	9.016	10.091	16.110
	TOTAL OBS	928	846	930	899	929	897	930	930	900	930	882	930	10931
21-23	MEAN	27.2	30.4	38.0	46.2	56.3	62.5	67.9	67.5	60.5	50.3	42.7	34.0	48.7
	S.D.	9.271	9.339	8.674	7.619	7.461	5.934	5.041	5.697	6.996	8.452	9.480	10.219	15.962
	TOTAL OBS	930	846	930	900	930	894	930	930	900	930	882	930	10932
ALL HOURS	MEAN	27.8	30.9	38.6	47.3	57.5	63.9	69.0	68.7	61.8	51.6	43.6	34.6	49.7
	S.D.	9.626	9.856	9.308	8.218	7.999	6.491	5.542	6.093	7.555	9.002	9.587	10.537	16.414
	TOTAL OBS	7438	6768	7439	7192	7438	7190	7439	7439	7198	7440	7056	7438	87475

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

76-86

724088 DOVER AFB DE

HRS. (U.S.T.)	STATION NAME												ANNUAL	
	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.		
00-02	MEAN	19.3	22.8	30.3	39.1	51.4	58.2	64.6	64.7	57.1	45.9	37.4	26.8	43.2
	S.D.	13.495	13.196	11.593	10.449	9.583	7.557	6.242	6.913	8.801	10.795	12.165	13.719	18.827
	TOTAL OBS	930	846	930	899	930	900	930	930	930	900	882	930	10937
03-05	MEAN	18.8	22.5	29.9	38.8	51.1	57.8	64.3	64.3	56.7	45.5	36.9	26.4	42.9
	S.D.	13.434	13.292	11.621	10.370	9.771	7.684	6.452	7.108	9.103	11.015	11.998	13.789	18.883
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	882	930	10938
06-08	MEAN	18.7	22.3	30.1	40.1	52.5	59.6	65.5	65.5	57.6	46.1	37.0	26.3	43.6
	S.D.	13.264	13.540	11.815	10.418	9.716	7.605	6.402	6.983	8.966	10.960	11.918	13.889	19.344
	TOTAL OBS	930	846	930	900	930	899	930	930	900	930	879	930	10934
09-11	MEAN	19.8	23.5	31.3	41.2	53.4	60.0	65.7	66.4	58.6	47.7	39.0	27.8	44.6
	S.D.	13.206	13.821	12.439	10.975	10.391	8.347	7.018	7.306	9.371	11.427	12.066	14.260	19.343
	TOTAL OBS	930	846	929	899	930	900	930	930	900	930	883	928	10935
12-14	MEAN	20.6	24.0	31.8	41.2	53.4	59.7	65.4	66.0	57.8	46.9	38.7	27.8	44.5
	S.D.	13.174	13.558	12.527	11.155	10.235	8.701	7.276	7.551	9.632	11.954	12.633	14.523	19.148
	TOTAL OBS	930	846	930	898	930	900	929	929	899	930	884	930	10935
15-17	MEAN	20.6	24.0	31.5	40.4	52.7	59.3	65.1	65.6	57.4	46.4	38.1	27.4	44.2
	S.D.	13.259	13.352	12.480	11.145	10.228	8.422	7.236	7.399	9.556	11.762	12.692	14.423	19.042
	TOTAL OBS	930	846	930	897	929	900	930	930	899	930	882	930	10933
18-20	MEAN	20.1	23.7	31.2	39.9	52.2	59.0	65.0	65.3	57.5	46.2	37.6	27.1	43.8
	S.D.	12.806	13.199	11.988	11.054	9.896	7.924	6.809	7.064	8.889	11.065	12.237	13.920	18.858
	TOTAL OBS	928	846	930	899	929	897	930	930	900	930	882	930	10931
21-23	MEAN	19.5	23.4	31.1	39.9	52.2	58.5	64.9	65.0	57.2	46.0	37.5	27.0	43.6
	S.D.	12.928	13.047	11.618	10.577	9.351	7.497	6.198	6.889	8.535	10.567	12.303	13.785	18.725
	TOTAL OBS	930	846	930	900	930	894	930	930	900	930	882	930	10932
ALL HOURS	MEAN	19.7	23.3	30.9	40.1	52.4	59.0	65.1	65.4	57.5	46.3	37.8	27.1	43.8
	S.D.	13.209	13.386	12.028	10.798	9.928	8.006	6.728	7.180	9.125	11.214	12.269	14.044	19.031
	TOTAL OBS	7438	6768	7439	7192	7438	7190	7439	7439	7198	7440	7056	7438	87475

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724088 STATION DOVER AFB DE PERIOD 77-86 MONTH JAN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	99.7	96.9	83.4	62.7	40.4	23.4	8.9	67.1	930
	03-05	100.0	100.0	99.6	97.2	85.2	65.5	43.1	25.8	8.3	68.1	930
	06-08	100.0	100.0	99.7	98.4	87.3	67.2	45.1	25.2	7.5	68.6	930
	09-11	100.0	100.0	99.1	93.1	73.9	50.1	31.2	18.6	6.0	63.0	930
	12-14	100.0	99.9	98.6	84.1	58.6	34.8	25.6	14.8	6.2	57.9	930
	15-17	100.0	100.0	98.5	83.5	59.6	37.7	26.0	17.1	6.8	58.6	930
	18-20	100.0	100.0	99.7	94.2	74.0	50.2	30.7	21.2	8.2	63.5	928
	21-23	100.0	100.0	99.8	96.1	80.4	59.0	35.4	22.7	8.7	65.8	930
TOTALS		100.0	100.0	99.3	92.9	75.3	53.4	34.7	21.1	7.6	64.1	7438

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724088

DOVER AFB DE

77-86

FEB

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%	90%				
FEB	00-02	100.0	100.0	100.0	97.5	84.8	67.7	44.6	28.6	15.2			69.9	846
	03-05	100.0	100.0	100.0	98.1	87.9	70.8	48.5	30.1	16.3			71.2	846
	06-08	100.0	100.0	100.0	98.6	88.9	73.8	50.4	34.4	16.7			72.2	846
	09-11	100.0	100.0	99.8	91.8	70.8	51.2	34.5	22.9	13.0			64.0	846
	12-14	100.0	100.0	97.9	78.8	54.4	36.3	26.6	18.6	9.2			57.6	846
	15-17	100.0	100.0	97.9	77.3	53.3	37.7	29.1	18.8	9.5			57.9	846
	18-20	100.0	100.0	99.2	92.4	70.7	52.0	36.5	24.3	11.1			64.3	846
	21-23	100.0	100.0	99.9	96.5	80.5	61.8	42.3	28.7	13.7			68.1	846
	TOTALS	100.0	100.0	99.3	91.4	73.9	56.4	39.1	25.8	13.1			65.7	6768

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724088 DOVER AFB DE

77-86

APR

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	99.7	95.4	85.2	69.1	47.8	28.8	11.7	69.6	899
	03-05	100.0	100.0	100.0	98.6	90.0	74.9	55.2	32.0	13.2	72.2	900
	06-08	100.0	100.0	100.0	97.9	87.8	70.4	52.9	29.7	12.6	70.9	900
	09-11	100.0	100.0	97.4	83.5	60.3	43.2	31.0	17.1	6.1	59.6	899
	12-14	100.0	100.0	91.2	67.7	46.7	32.3	23.6	12.8	4.6	53.5	898
	15-17	100.0	99.9	84.2	61.8	44.4	32.1	24.1	12.8	6.0	52.4	897
	18-20	100.0	99.7	93.3	76.1	60.0	45.8	31.7	19.7	7.3	59.2	899
	21-23	100.0	99.8	99.1	91.8	76.3	61.2	43.1	26.4	9.8	66.4	900
TOTALS		100.0	99.9	95.6	84.1	68.8	53.6	38.7	22.4	8.9	63.0	7192

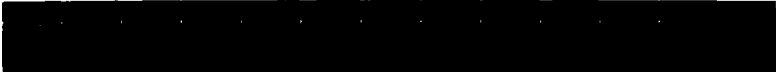
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DOVER AFB DELAWARE REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATIONS (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT AFB IL NOV 86
USAFETAC/DS-88/862 P/C 4/2

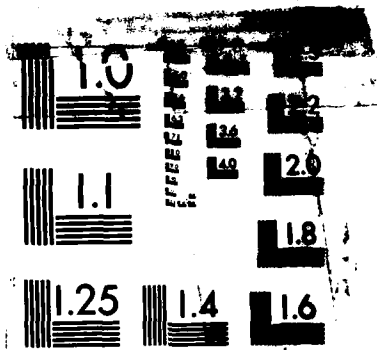
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GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724088 STATION DOVER AFB DE STATION NAME 77-86 PERIOD MAY MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.		
		10%	20%	30%	40%	50%	60%	70%	80%	90%					
MAY	00-02	100.0	100.0	100.0	99.2	95.9	86.1	69.5	44.5	16.0				76.9	930
	03-05	100.0	100.0	100.0	99.9	96.8	91.5	77.5	52.3	16.9				79.6	930
	06-08	100.0	100.0	100.0	99.6	94.3	83.0	66.8	43.1	13.5				75.9	930
	09-11	100.0	100.0	99.0	89.7	72.9	55.3	34.8	19.4	4.9				63.4	930
	12-14	100.0	100.0	95.5	79.6	59.5	39.9	25.2	11.5	2.8				57.2	930
	15-17	100.0	99.6	92.1	77.1	58.2	40.0	25.7	12.7	3.4				56.8	929
	18-20	100.0	99.9	97.4	90.3	75.1	57.8	39.6	22.9	7.8				64.9	929
	21-23	100.0	100.0	99.9	98.9	91.7	78.3	59.0	34.8	12.7				73.3	930
TOTALS		100.0	99.9	98.0	91.8	80.6	66.5	49.8	30.2	9.8				68.5	7438

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724088 STATION DOVER AFB DE STATION NAME 76-85 PERIOD SEP MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	98.2	94.6	83.3	52.2	10.7	79.8	900
	03-05	100.0	100.0	100.0	100.0	99.4	96.8	90.8	59.7	14.9	82.3	900
	06-08	100.0	100.0	100.0	99.9	99.2	94.6	82.7	53.4	13.3	80.2	900
	09-11	100.0	100.0	99.8	96.9	82.4	61.1	36.2	17.3	2.9	65.3	900
	12-14	100.0	100.0	99.1	85.7	59.8	39.3	20.8	10.6	1.4	57.2	899
	15-17	100.0	100.0	98.6	85.2	63.4	40.6	23.2	10.3	2.0	58.0	899
	18-20	100.0	100.0	99.8	97.8	91.1	72.3	47.2	24.4	3.8	69.4	900
	21-23	100.0	100.0	100.0	99.9	97.3	90.7	72.0	38.3	7.1	76.5	900
TOTALS		100.0	100.0	99.7	95.7	86.4	73.8	57.0	33.3	7.0	71.1	7198

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724088 STATION DOVER AFB DE STATION NAME PERIOD 76-85 MONTH NOV

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.		
		10%	20%	30%	40%	50%	60%	70%	80%	90%					
NOV	00-02	100.0	100.0	100.0	99.4	94.7	79.8	58.4	38.4	13.6				74.2	882
	03-05	100.0	100.0	100.0	99.5	95.2	84.1	61.9	41.0	14.4				75.4	882
	06-08	100.0	100.0	100.0	99.7	96.0	86.1	63.4	42.3	16.8				76.2	879
	09-11	100.0	100.0	100.0	96.4	79.8	58.9	43.0	27.4	6.9				67.1	883
	12-14	100.0	100.0	97.7	83.5	59.0	41.0	29.6	17.4	5.0				58.9	884
	15-17	100.0	100.0	97.6	84.9	62.6	44.7	32.3	19.5	5.4				60.5	882
	18-20	100.0	100.0	99.9	97.2	82.2	61.2	43.8	28.8	8.8				68.0	882
	21-23	100.0	100.0	99.8	99.2	91.2	72.0	53.9	33.4	12.6				72.0	882
	TOTALS	100.0	100.0	99.4	95.0	82.6	66.0	48.3	31.0	10.4				69.0	7056

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724008 STATION DOVER AFB DE

STATION NAME

76-86

PERIOD

ALL

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.3	92.9	75.3	53.4	34.7	21.1	7.6	64.1	7438
FEB		100.0	100.0	99.3	91.4	73.9	56.4	39.1	25.8	13.1	65.7	6768
MAR		100.0	99.9	97.0	86.3	70.4	53.0	36.7	22.3	8.5	63.1	7439
APR		100.0	99.9	95.6	84.1	68.8	53.6	38.7	22.4	8.9	63.0	7192
MAY		100.0	99.9	98.0	91.8	80.6	66.5	49.8	30.2	9.8	68.5	7438
JUN		100.0	100.0	99.4	93.8	82.6	65.9	45.4	24.2	5.1	67.3	7190
JUL		100.0	100.0	99.7	96.4	86.7	72.4	54.6	32.5	7.1	70.6	7439
AUG		100.0	100.0	100.0	98.8	91.0	78.6	61.7	39.9	10.2	73.9	7439
SEP		100.0	100.0	99.7	95.7	86.4	73.8	57.0	33.3	7.0	71.1	7198
OCT		100.0	100.0	99.5	94.6	84.7	71.4	50.8	28.9	8.1	69.5	7440
NOV		100.0	100.0	99.4	95.0	82.6	66.0	48.3	31.0	10.4	69.0	7056
DEC		100.0	100.0	99.1	92.3	75.9	55.2	37.1	23.9	8.2	64.8	7438
TOTALS		100.0	100.0	98.8	92.8	79.9	63.9	46.2	28.0	8.7	67.6	87475

U S AIR FORCE
 ENVIRONMENTAL TECHNICAL
 APPLICATIONS CENTER

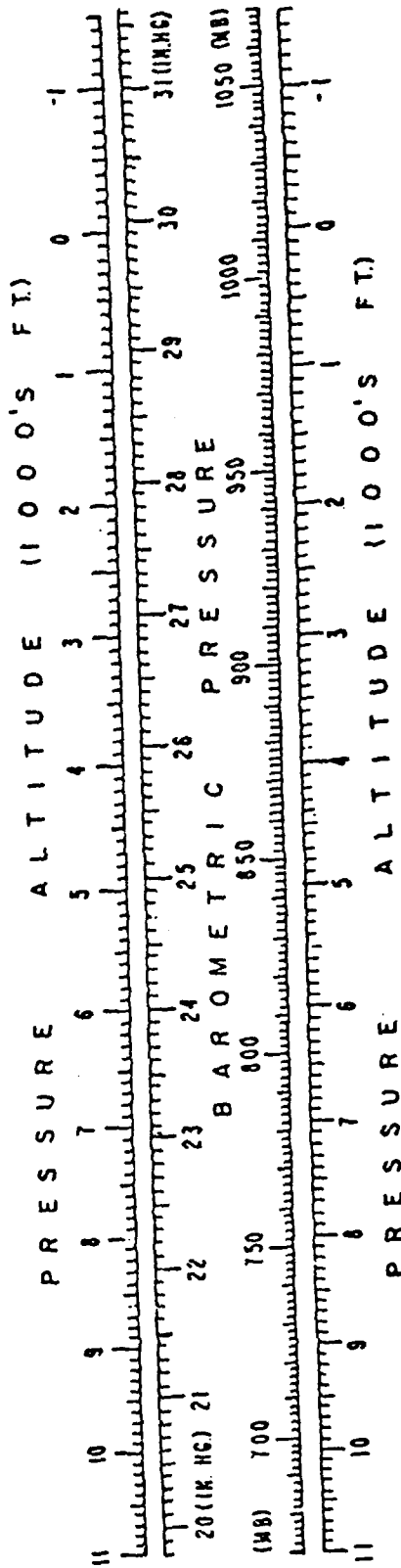
PART F
 PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
 Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
 METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

724088 COVER AFB DE

76-86

HRS. (L.S.T.)	STATION NAME												ANNUAL	
	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.		
01	MEAN	29.986	30.014	29.962	29.926	29.917	29.920	29.938	29.981	30.009	30.038	30.031	30.030	29.979
	S.D.	.372	.268	.268	.232	.173	.158	.134	.119	.161	.212	.240	.280	.224
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
04	MEAN	29.986	30.008	29.952	29.918	29.914	29.916	29.935	29.975	30.003	30.033	30.028	30.035	29.975
	S.D.	.304	.271	.270	.239	.176	.161	.135	.121	.167	.213	.242	.277	.227
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
07	MEAN	30.002	30.032	29.981	29.948	29.945	29.943	29.962	30.002	30.030	30.056	30.050	30.053	30.000
	S.D.	.305	.274	.276	.248	.176	.163	.135	.123	.176	.218	.242	.278	.229
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
10	MEAN	30.028	30.050	29.993	29.952	29.950	29.946	29.967	30.012	30.042	30.068	30.068	30.081	30.013
	S.D.	.308	.282	.285	.253	.177	.166	.137	.125	.172	.228	.242	.280	.234
	TOTAL OBS	310	282	309	300	310	300	309	310	300	309	300	310	3649
13	MEAN	29.968	30.008	29.951	29.918	29.921	29.922	29.947	29.988	30.013	30.026	30.020	30.025	29.975
	S.D.	.308	.280	.283	.250	.176	.166	.137	.124	.165	.230	.237	.278	.231
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	300	310	3651
16	MEAN	29.959	29.986	29.917	29.886	29.893	29.896	29.919	29.959	29.983	30.008	30.007	30.016	29.952
	S.D.	.306	.274	.273	.242	.172	.163	.137	.121	.161	.228	.232	.274	.227
	TOTAL OBS	310	281	310	300	310	300	310	310	300	310	300	308	3649
19	MEAN	29.988	30.012	29.937	29.899	29.899	29.901	29.920	29.966	29.995	30.031	30.031	30.039	29.968
	S.D.	.303	.269	.268	.233	.168	.156	.135	.119	.157	.223	.227	.274	.225
	TOTAL OBS	310	282	310	300	310	299	310	310	300	310	300	310	3651
22	MEAN	29.995	30.023	29.960	29.926	29.923	29.929	29.944	29.991	30.015	30.050	30.037	30.043	29.986
	S.D.	.301	.266	.265	.230	.169	.155	.134	.116	.158	.218	.231	.277	.223
	TOTAL OBS	310	282	310	300	310	299	310	310	300	310	300	310	3651
ALL HOURS	MEAN	29.989	30.017	29.957	29.922	29.920	29.921	29.942	29.984	30.011	30.039	30.034	30.040	29.981
	S.D.	.305	.273	.274	.241	.174	.162	.136	.122	.165	.222	.237	.278	.228
	TOTAL OBS	2479	2255	2479	2410	2480	2398	2479	2480	2400	2479	2400	2478	29207

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

75-86

724088 DOVER AFB DE

HRS. (L.S.T.)	STATION NAME												ANNUAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
01	MEAN	1017.4	1018.4	1016.6	1015.4	1015.2	1015.8	1017.3	1016.2	1019.2	1019.0	1018.9	1017.2
	S.D.	10.231	9.108	9.081	7.865	5.867	5.380	4.059	5.432	7.169	8.110	9.514	7.601
	TOTAL OBS	310	282	310	300	310	300	310	300	310	300	310	3652
04	MEAN	1017.4	1018.2	1016.3	1015.1	1015.0	1015.0	1015.7	1018.0	1019.0	1018.9	1019.1	1017.1
	S.D.	10.266	9.212	9.136	8.287	5.975	5.443	4.136	5.647	7.218	8.194	9.392	7.673
	TOTAL OBS	310	282	310	300	310	300	310	299	310	300	310	3651
07	MEAN	1018.0	1019.0	1017.2	1016.1	1016.0	1015.9	1016.6	1018.0	1019.6	1019.6	1019.7	1017.9
	S.D.	10.287	9.317	9.337	8.406	5.970	5.557	4.187	5.938	7.369	8.202	9.406	7.753
	TOTAL OBS	310	282	310	300	310	300	310	300	310	300	310	3652
10	MEAN	1018.8	1019.6	1017.6	1016.3	1016.2	1016.0	1016.8	1018.3	1019.3	1020.2	1020.7	1018.3
	S.D.	10.454	9.556	9.635	8.583	5.988	5.633	4.634	4.258	5.821	7.716	8.206	7.926
	TOTAL OBS	310	282	309	300	310	300	309	310	300	300	310	3649
13	MEAN	1016.6	1018.2	1016.2	1015.1	1015.2	1015.3	1016.2	1017.5	1018.3	1018.6	1018.7	1017.1
	S.D.	10.429	9.491	9.589	8.475	5.969	5.633	4.671	4.196	5.563	7.790	8.022	7.816
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	310	3651
16	MEAN	1016.5	1017.4	1015.1	1014.0	1014.2	1014.3	1015.2	1016.5	1017.3	1018.2	1018.4	1016.3
	S.D.	10.360	9.296	9.230	8.212	5.869	5.546	4.666	4.133	5.434	7.688	7.856	7.779
	TOTAL OBS	310	281	310	300	310	300	310	310	300	310	308	3649
19	MEAN	1017.5	1018.3	1015.7	1014.5	1014.5	1014.5	1016.8	1017.7	1019.0	1018.9	1019.2	1016.9
	S.D.	10.265	9.115	9.077	7.914	5.716	5.288	4.574	4.032	5.306	7.558	7.675	7.621
	TOTAL OBS	310	282	310	300	310	299	310	310	300	310	310	3651
22	MEAN	1017.7	1018.7	1016.5	1015.4	1015.3	1015.5	1016.0	1017.6	1018.4	1019.6	1019.4	1017.4
	S.D.	10.209	9.025	9.002	7.798	5.747	5.263	4.504	3.953	5.327	7.387	7.800	7.543
	TOTAL OBS	310	282	310	300	310	299	310	310	300	310	310	3651
ALL HOURS	MEAN	1017.5	1018.5	1016.4	1015.2	1015.2	1015.2	1015.9	1017.4	1018.3	1019.2	1019.3	1017.3
	S.D.	10.319	9.272	9.281	8.191	5.914	5.491	4.622	4.152	5.586	7.503	7.823	7.728
	TOTAL OBS	2479	2255	2479	2400	2480	2398	2479	2480	2399	2479	2400	29206

