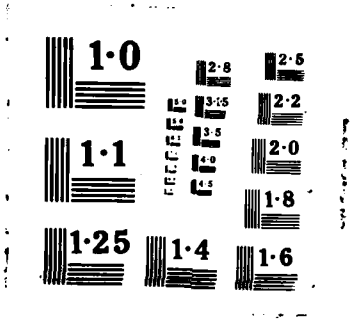
AD-A174 414 FT ORD/FRITZSCHE AAF CALIFORNIA LIMITED SURFACE OBSERVATIONS CLIMATIC SUM..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 28 OCT 86 1/3

UNCLASSIFIED USAFETAC/DS-86/056 F/G 4/2 NL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USCA 724916 USAFETAC/DS 86/056

AD-A174 414

OPERATING LOCATION - A
USAFETAC
Air Weather Service (MAC)

"LIMITED SURFACE OBSERVATIONS"
CLIMATIC SUMMARY "LISOCS"

FT ORD/FRITZSCHE AAF CA MSC #724916
N 36 41 W 121 46 ELEV 151 FT KOAR

PARTS 1 - 5 HOURS SUMMARIZED: 0600 - 2300 LST

PERIOD OF RECORD:
HOURLY OBSERVATIONS: JUL 76 - JUN 86
SUMMARY OF DAY DATA: NONE

TIME CONVERSION GMT TO LST -8

"Approved for public release;
Distribution Unlimited."

FEDERAL BUILDING
ASHEVILLE, N.C. 28801 - 2723

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REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-86/056 has been reviewed and is approved for publication.

FOR THE COMMANDER

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

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-86/056

5. **Monitoring Organization Report Number:** USAFETAC/DS-86/056

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

7a. **Name of Monitoring Organization:** USAFETAC
7b. **Address:** Scott AFB, IL 62225-5458

11 **Title:** (LISOCS) FT ORD/FRITZSCHE AAF CA

12 **Personal Author(s):**

13a **Type of Report:** Data Summary
13b **Time Covered:** Jul 76-Jun 86

14 **Date of Report:** Oct 86

15 **Page Count:** 312

16 **Supplementary Notation:**

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

18 **Subject Terms:** *climatology *weather meteorological conditions winds precipitation barometric pressure sky cover temperature relative humidity paychrometric data visibility ceiling Limited Surface Observations Climatic Summary(LISOCS); Ft Ord CA; Fritzsche AAF CA; California; USCA 724916.

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

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

21 **Abstract Security Classification:** UNCLASSIFIED.

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

DD FORM 1473 **UNCLASSIFIED**

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.

A-1

QUALITY INSPECTED 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARIES
(LISOCS)

DEFINITION: A RUSSWO-like set of summaries of hourly observations for the station's normal operating hours.

Hourly Observations: Those record or record-special observations recorded at established hourly intervals.

General Comments:

1. The hourly data are screened to exclude extraneous or occasional hours outside the normal observing hours.

2. A brief description preceeds each summary.

3. Summaries containing "TOTALS" and "ALL HOURS" are only from the hours summarized. These values are representative only for the operating hours.

4. The monthly and annual "ALL HOURS" summaries are not presented because they are not representative, and would result in meaningless or biased values.

5. There are no "Sky Cover" nor "Sea Level Pressure" summaries for METAR stations.

Table of Contents:

AWS Form 2 "Station History"
Part 1: Weather Conditions
Part 2: Surface Winds
Part 3: Ceiling Versus Visibility; Sky Cover
Part 4: Daily High, Low, Mean Temperatures; Max High and Min Low Temperatures; Psychrometric Tables; Mean and Standard Deviation of Temperatures; Relative Humidity
Part 5: Station Pressure; Sea Level Pressure

Standard 3-Hour Groups: All summaries having diurnal variations are summarized in 3-hour periods corresponding to the following sets of hourly observations and limited to normal observation reporting hours (LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

Note that the first and last hour groups may or may not contain all three hours. See hours summarized on front cover to determine which hours are included in these two hour groups.

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV. (FT.)	CALL SIGN	WMO NUMBER
93217	FORT ORD CALIF/FRITZSCHE AAF	N 36 41	W 121 46	144	OAR	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1	Fort Ord AAF, Calif	AAF	Apr 60	May 61	N 36 41	W 121 46	144 Ft	144 ft	24
2	Ford Ord/Fritzsche AAF, Calif	AAF	Jun 61	Aug 61	Same	Same	Same	Same	24
3	Same	AAF	Sep 61	Jun 62	Same	Same	Same	152 ft	24
4	Same	AAF	Jul 62	Oct 62	Same	Same	Same	Same	19
5	Same	AAF	Nov 62	Nov 62	Same	Same	Same	149 ft	19
6	Same	AAF	Dec 62	Mar 65	Same	Same	Same	Same	24
7	Same	AAF	Apr 65	May 66	Same	Same	Same	Same	18
8	Same	AAF	Jun 66	Aug 68	Same	Same	Same	Same	24
9	Same	AAF	Sep 68	Jan 69	Same	Same	Same	140 ft	18
10	Same	AAF	Feb 69	Aug 69	Same	Same	Same	Same	24
11	Same	AAF	Sep 69	Dec 71	Same	Same	Same	Same	18
12	Same	AAF	Jan 72	Dec 78	Same	Same	Same	Same	16
13	Same	AAF	Jan 79	Jun 84	Same	Same	Same	Same	17
14	Same	AAF	Feb 84	Jun 86	Same	Same	Same	Same	24
	*Closed holidays and weekends.								

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	Apr 60	Located 750 ft NW from weather stn.	AN/GMQ-1	N/A	15 ft	
2	Jun 61	Located 300 ft NE from weather stn	Same	Same	Same	
3	Aug 61	Located 2/10 mile NE of weather stn	AN/GMQ-11	Same	Same	
4	Sep 61	Located 300 ft SW of approach end of Rnwy 30.	Same	RO-2	12 ft	
5	Nov 61	Located near approach end of Rnwy.	Same	Same	Same	
6	Mar 66	Located 520 ft SW of centerline, 650 ft SW end of Rnwy 29.	Same	Same	Same	
7	Mar 68	Located 520 ft from centerline, 950 ft from approach end Rnwy 29.	Same	Same	Same	
8	Dec 78	Same	Same	Same	Same	

CONTINUED ON REVERSE SIDE

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WEATHER CONDITIONS

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PART 1

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented by month by the available 3-hour groups.

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. (Snow pellets also known as soft hail.)

Hail--Occurrences of hail.

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 sum of the individual categories may exceed the percentage 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.

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

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.

Continued on Reverse

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
724926	FT ORD/FRITZSCHE AAF CA	77-86	JAN

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												
	03-05												
	06-08		10.0				10.0	14.0	1.6			15.0	820
	09-11		8.6				8.6	9.2	2.8			11.2	794
	12-14		8.8			.1	8.8	6.3	2.0			7.5	795
	15-17	.1	9.9			.1	9.9	5.3	3.8			8.1	738
	18-20		9.7				9.7	4.9	3.6			7.2	554
	21-23		9.2				9.2	6.5	1.5			7.3	522
TOTALS		.0	9.4			.0	9.4	7.7	2.5			9.4	4023

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 4916 — STATION
FT ORD/FRITZSCHE AAF CA — 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 & 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
FEB	00-02												
	03-05												
	06-08	.2	7.7				7.7	20.9	2.6			22.1	572
	09-11	.1	10.0				10.0	13.2	3.3			14.5	737
	12-14	.1	10.0				10.0	5.6	3.9			8.3	738
	15-17		9.2				9.2	6.1	4.2			8.9	668
	18-20	.4	9.2				9.2	7.7	3.1			9.6	527
	21-23		8.4				8.4	9.3	1.4			10.2	489
TOTALS		.1	9.1				9.1	10.4	3.1			12.3	3739

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7249.5	FT ORD/FRITZSCHE AAF CA	77-86	MAR
STATION	STATION NAME	YEARS	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
MAR	00-02												
	03-05												
	6-8		11.7			.2	11.7	17.9	1.4			18.[illegible]	847
	9-11		8.1				8.1	11.4	2.6			12.4	913
	12-14		9.3				9.3	5.9	2.6			6.6	913
	15-17		7.5				7.5	6.0	2.0			7.0	762
	18-20		11.3				11.3	9.2	1.3			9.7	659
	21-23	.3	11.7				11.7	13.0	1.2			10.5	572
TOTALS		.1	9.9			.0	9.9	10.1	1.9			10.1	4716

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724916	FT ORD/FRITZSCHE AAF CA	77-86	APR
STATION	STATION NAME	YEARS	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												
	03-05												
	06-08		4.2				4.2	22.9	3.5			24.[illegible]	421
	09-11		4.8				4.8	11.3	3.4			13.1	789
	12-14		4.7				4.7	4.6	2.8			6.8	789
	15-17		4.8				4.8	4.4	2.5			6.3	734
	18-20		3.3				3.3	6.5	2.1			8.[illegible]	573
	21-23		3.0				3.0	5.7	.6			5.9	527
TOTALS			4.1				4.1	9.2	2.5			10.7	4033

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7949[illegible]	FT ORD/FRITZSCHE AAF CA	77-86	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	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-[illegible]												
	03-[illegible]												
	06-[illegible]		3.0				3.0	32.0	3.0			23.[illegible]	734
	09-11		.6				.6	9.8	2.4			11.8	786
	12-[illegible]		1.1				1.1	2.8	1.9			4.2	766
	15-17		2.[illegible]				2.0	4.9	1.3			5.7	563
	18-[illegible]		1.7				1.7	9.1	1.7			9.[illegible]	[illegible]
	21-23		2.7				2.7	10.7	.5			1[illegible].7	911
TOTALS			1.9				1.9	11.6	1.9			12.6	3945

USAFETAC FORM JULY 64 0-10-51(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724916	FT ORD/FORITZSCHE AAF CA	77-86	JUN
STATION	STATION NAME	YEARS	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												
	03-05												
	06-08		8.7				8.7	41.2	3.[illegible]			41.7	733
	09-11		2.9				2.9	14.4	4.7			16.5	76
	12-14		1.2				1.2	3.2	1.5			3.7	787
	15-17		1.6				1.6	5.7	2.5			5.1	566
	18-20		1.7				1.7	11.7	.7			11.9	537
	21-23		3.2				3.2	14.8				14.[illegible]	408
TOTALS			3.2				3.2	15.2	2.1			15.9	3922

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
2249 6	FT ORD/FRITZSCHE AAF CA	76-85	JUL

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												
	03-05												
	06-08	.3	7.2				7.2	62.6	4.6			64.3	748
	09-11	.1	2.1				2.1	29.1	6.1			31.6	805
	12-14	.2	1.1				1.1	4.8	2.6			6.2	807
	15-17		.4				.4	11.6	1.7			12.0	689
	18-20							27.2	1.3			27.6	536
	21-23		2.6				2.6	34.7				34.7	352
TOTALS		.1	2.1				2.1	28.3	2.6			29.4	3937

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7249[illegible]	FT ORD/FRITZSCHE AAF CA	76-85	AUG
STATION	STATION NAME	YEARS	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												
	03-05												
	06-08	.1	7.7				7.7	52.8	2.7			54.1	762
	09-11	.2	2.3				2.3	21.4	3.7			22.5	840
	12-14	.5	.6				.6	5.0	1.7			5.2	847
	15-17	.4	1.0				1.0	8.7	.0			8.7	722
	18-20		3.3				3.3	18.7	1.0			18.7	576
	21-23		2.7				2.7	18.1				18.1	376
TOTALS		.2	2.9				2.9	20.8	1.6			21.2	4136

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724916	FT ORD/FRITZSCHE AAF CA	76-85	SEP
STATION	STATION NAME	YEARS	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												
	03-05												
	06-08		4.4				4.4	41.1	2.9			42.7	722
	09-11	.1	2.8				2.8	20.6	4.8			22.9	777
	12-14	.1	1.8				1.8	7.1	2.3			7.9	777
	15-17		1.2				1.2	7.9	2.2			8.8	667
	18-20		2.5				2.5	16.2	.6			16.4	518
	21-23		5.6				5.6	19.3				19.3	337
TOTALS		.0	3.1				3.1	18.7	2.1			19.7	3798

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
724926	FT ORD/FRITZSCHE AAF CA	76-85	OCT

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	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	[illegible]												
	[illegible]												
	[illegible]	.1	3.6				3.6	38.9	2.7			40.3	742
	[illegible]		2.0				2.0	25.0	7.2			28.7	815
	[illegible]		1.4				1.4	11.9	8.2			16.5	813
	[illegible]	.1	.9				.9	12.8	4.3			13.9	690
	[illegible]		.6				.6	18.6	1.1			18.8	527
	[illegible]		3.9				3.9	19.6				19.6	362
TOTALS		.1	2.1				2.1	21.1	3.9			23.0	3949

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724915	FT ORD/FRITZSCHE AAF CA	76-85	NOV
STATION	STATION NAME	YEARS	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												
	03-05												
	06-08	.2	4.7				4.7	21.6	2.1			22.4	536
	09-11	.1	5.1				5.1	14.9	5.8			18.0	745
	12-14	.1	5.1				5.1	7.1	4.8			10.1	744
	15-17		7.1				7.1	7.0	3.6			9.7	688
	18-20		6.4				6.4	9.0	1.5			10.2	531
	21-23	.4	7.6				7.6	10.3	1.1			11.4	458
TOTALS		.1	6.0				6.0	11.7	3.2			13.0	3702

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
7949 6	FT ORD/FRITZSCHE AAF CA	76-85	DEC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	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												
	03-05												
	06-08		6.2				6.2	17.9	2.1			18.5	530
	09-11		6.5				6.5	11.2	4.1			13.9	758
	12-14	.3	6.4				6.4	4.8	2.9		.4	7.1	749
	15-17		5.5			.2	5.5	4.5	3.4		.5	7.1	650
	18-20		2.6				2.6	6.6	.8		.8	7.9	379
	21-23		1.2				1.2	9.0	.3		.9	9.9	333
TOTALS		.1	4.7			.0	4.7	9.0	2.3		.4	10.7	3399

USAFETAC FORM JULY 64 0-10-5(OL A). PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
724926	FT ORD/FRITZSCHE AAF CA	76-86	ALL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	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	9.4			.0	9.4	7.7	2.5			9.4	4123
FEB		.1	9.1				9.1	10.4	3.1			12.3	3739
MAR		.1	9.9			.0	9.9	10.1	1.9			10.8	4216
APR			4.1				4.1	9.2	2.5			10.7	4033
MAY			1.9				1.9	11.6	1.9			12.6	3945
JUN			3.2				3.2	15.2	2.1			15.8	3922
JUL		.1	2.1				2.1	28.3	2.6			29.4	3937
AUG		.2	2.9				2.9	20.8	1.6			21.2	4136
SEP		.0	3.1				3.1	18.7	2.1			19.7	3798
OCT		.0	2.1				2.1	21.1	3.9			23.	3849
NOV		.1	6.0				6.0	11.7	3.2			13.6	3722
DEC		.1	4.7			.0	4.7	9.0	2.3		.4	10.7	3399
TOTALS		.1	4.9			.0	4.9	14.5	2.5		.0	15.8	46799

USAFETAC FORM JULY 64 0-10-5(OL A). PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SURFACE WINDS

PART 2

2

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

Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm vs 11 wind speed (knots) increments in Beaufort classifications. Percentages are shown for 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.

These tables are prepared for all years combined, by month by available 3-hour groups.

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

NOTE: 1. For METAR stations beginning Jan 68 and Synoptic reporting stations, only the highest order of atmospheric phenomena was reported, recorded on the AWS Forms 10a, and transmitted longline. Beginning Jan 70, METAR stations recorded all atmospheric phenomena on the AWS Form 10a, but transmitted longline only the highest order. For example, if the observation consisted of rain, fog and smoke, only the rain was transmitted longline. Our data base, as a result, contains only rain for that observation. Because of these reporting procedures the summaries for METAR and Synoptic reporting stations are highly questionable in the hourly summaries. This primarily effects the obstruction to vision columns, but may also have minor effects on the precipitation columns.

2. When the value of ".0" appears in the summaries, it represent one or more occurrences amounting to less than .05 percent.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 0500-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN SPD
N	.3											.3	1.0
NNE	.6	.5	.2									1.3	4.
NE	.9	1.3	.2									.3	4.1
ENE	1.6	1.6	.6									3.[illegible]	4.3
E	8.2	12.7	5.8	.3								27.1	4.9
ESE	6.9	8.1	4.5	1.[illegible]	.2							20.[illegible]	5.4
SE	1.9	2.7	1.3	1.6	.6							8.1	7.[illegible]
SSE	.6	.5										1.1	3.
S	1.0	.5	.3									1.[illegible]	3.[illegible]
SSW	.3	.2	.2									.[illegible]	.5
SW	1.1	.3	.6	.3	.2							2.[illegible]	6.9
WSW	.3	.3	.2	.2								[illegible].0	6.5
W	.5	.5	.5	.2	.2							[illegible].1	7.2
WNW		.2	.2									.3	6.[illegible]
NW		.3	.2									.5	[illegible].7
NNW	.3	.3										.[illegible]	.3
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	25.8	//////
TOTALS	24.7	31.0	14.8	3.5	1.1							0.0	4.

TOTAL NUMBER OF OBSERVATIONS: [illegible]0

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	.3										1.1	2.3
NNE	.[illegible]	.4	.3									.9	[illegible]
NE	1.5	.5	.1									2.1	[illegible]
ENE	1.3	1.5	1.[illegible]									4.3	4.5
E	7.1	10.7	10.5	1.1								29.3	5.8
ESE	5.7	11.3	9.1	1.9	.1	.1						28.2	6.3
SE	2.5	3.9	2.5	2.1	.5							11.6	7.3
SSE	.3	.5	.3									1.0	5.3
S		.8	.1									.9	[illegible].6
SSW	.1		.3		.1							.5	1[illegible].0
SW		.3	.6	.6								1.5	9.7
WSW		.3	.4	.3	.1							1.[illegible]	10.3
W	.8	1.4	1.1	.1								3.4	5.8
WNW	.5	.8	.3									1.5	5.[illegible]
NW	.4	.3										.6	3.6
NNW	.1		.1									.3	5.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	11.7	//////
TOTALS	21.8	32.7	26.6	6.2	.9	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 794

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.0	1.6										2.6	3.9
NNE	1.3	.8	.3									2.3	3.7
NE	2.1	3.1	1.3	.1								6.7	4.5
ENE	3.0	3.6	1.4									8.1	4.2
E	2.9	8.9	2.8	.5								15.1	5.2
ESE	1.8	5.3	4.4	1.3	.3	.1						13.1	7.0
SE	.8	.8	2.8	.9								5.2	7.8
SSE	.8	.8	.1									1.6	3.3
S		.1	.3	.3								.6	9.6
SSW		.4	.8	1.0								2.1	9.7
SW	.3	.3	.5	.8	.3							2.0	10.3
WSW	1.0	.5	1.0	.4	.3							3.1	7.3
W	1.5	3.3	2.9	1.0	.1							8.8	6.7
WNW	2.0	3.4	3.1	.3								8.8	5.9
NW	2.3	3.5	1.4	.4								7.5	5.4
NNW	1.5	1.4										2.9	3.5
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	9.4	//////
TOTALS	22.1	37.7	22.9	6.8	.9	.1						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 795

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.5	1.5	.4									3.4	4.1
NNE	1.9	2.3	.4	.1								4.7	4.1
NE	1.5	2.4	.1									4.1	4.1
ENE	1.9	2.8	.8									5.4	4.5
E	1.4	2.2	1.4	.1								5.0	5.1
ESE	.9	1.1	1.1	.8								3.8	7.2
SE	.3	1.1	1.8	.9								4.1	8.2
SSE	.1	.1		.1								.4	6.7
S	.4		.4									.8	5.0
SSW		.4	.5	1.1								2.0	9.8
SW	.3	.5	.5	1.5	.1							3.0	10.1
WSW	1.5	1.1	.5	.3								3.4	5.2
W	5.3	7.9	3.0	.5								16.7	4.9
WNW	3.8	8.4	4.5	.7	.1							17.5	5.6
NW	3.0	5.4	3.3	1.2								12.9	6.2
NNW	.9	2.2	1.1									4.2	5.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	8.7	//////
TOTALS	24.4	39.4	19.8	7.5	.3							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 738

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.1	.2										1.3	2.4
NNE	1.8	1.1	.5									3.4	3.8
NE	2.5	1.3	.2									4.0	3.1
ENE	1.1	.9										2.0	3.6
E	1.6	1.6		.2								3.4	3.7
ESE	1.4	1.1	.7	.9								4.2	6.1
SE	1.1		.7	1.3								3.1	8.2
SSE	.4	.2	.2									.7	4.5
S	.5	.5		.4								1.4	6.0
SSW	2.7	1.1	.2	.4								4.3	3.8
SW	2.5	2.3	.4	.5								5.8	4.3
WSW	4.9	2.0										6.9	2.9
W	4.3	1.8	.4	.2								6.7	3.5
WNW	2.2	1.4	2.0	.4								6.0	5.5
NW	1.4	2.0	.9	.7								5.1	5.9
NNW	1.1	.2	.2									1.4	3.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	40.4	//////
TOTALS	30.7	17.7	6.3	4.9								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS: 554

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 2130-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6	.4										1.0	3.0
NNE	.8	.2	.4									1.3	4.1
NE	1.3	1.3	.4									3.1	4.0
ENE	3.1	1.3	.6									5.0	3.6
E	2.7	3.1										5.7	3.5
ESE	2.9	1.3	1.0	1.7	.2							7.1	6.5
SE	1.3	1.9	.8	1.3								5.4	6.9
SSE	.6	.4		.2								1.1	5.0
S	1.9	.4	.2									2.5	2.6
SSW	1.5	.2	.4	.4								2.5	5.2
SW	2.5	1.9	.4	.6								5.4	4.6
WSW	1.5	.8	.2	.2								2.7	3.7
W	.8	1.1	.2									2.1	4.1
WNW	.8	1.9	.8									3.4	5.1
NW	1.1		.2	.2								1.5	4.1
NNW	.2	.4										.6	3.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	49.6	//////
TOTALS	23.6	16.7	5.4	4.6	.2							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS: 522

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	.7	.1									1.7	3.4
NNE	1.1	.9	.3	.0								2.3	4.0
NE	1.6	1.7	.4	.0								3.8	4.0
ENE	2.1	2.1	.8									4.9	4.2
E	4.1	6.9	3.8	.4								15.1	5.2
ESE	3.3	5.0	3.8	1.3	.1	.0						13.5	6.3
SE	1.3	1.8	1.8	1.4	.2							6.4	7.6
SSE	.4	.4	.1	.0								1.0	4.2
S	.5	.4	.2	.1								1.2	4.8
SSW	.6	.3	.4	.5	.0							1.9	6.8
SW	.9	.8	.5	.7	.1							3.1	7.0
WSW	1.4	.8	.4	.2	.1							2.9	5.1
W	2.2	2.8	1.5	.4	.0							7.0	5.3
WNW	1.6	2.9	1.9	.2	.0							6.6	5.6
NW	1.4	2.1	1.0	.4								4.9	5.8
NNW	.7	.9	.2									1.9	4.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	21.7	//////
TOTALS	24.2	30.4	17.3	5.7	.6	.0						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 4023

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2		.4									.5	6.0
NNE	.4	.4										.7	3.8
NE	1.6	.2	.2									1.9	2.8
ENE	2.6	2.6	.5									5.8	3.9
E	10.4	8.2	3.3									21.9	4.1
ESE	6.3	6.1	4.9	.9								18.2	5.4
SE	2.6	3.0	1.9	.7	.9							9.1	6.6
SSE	.9			.4		.2						1.4	7.1
S	1.2											1.2	2.1
SSW	1.6	.4	.2									2.1	3.3
SW	1.6	.7	.7	.5	.2							3.7	5.9
WSW	.7	.2	.9	.4								2.1	7.8
W	1.4	1.2	.4	.5	.2							3.7	5.9
WNW		.4	.4	.7								1.4	9.4
NW		.4	.2	.4								.9	8.2
NNW			.4									.4	8.0
VARIABLE													
[illegible]	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	24.9	//////
TOTAL	[illegible]	[illegible]	14.2	4.4	1.2	.2						100.0	3.8

[illegible] OBSERVATIONS [illegible]70

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.4	.4	.1	.1								1.1	5.1
NNE	1.5	.3										1.8	2.5
NE	1.5	.9	.3	.1								2.8	3.8
ENE	1.6	1.5	.7									3.8	4.2
E	5.6	10.9	6.5	.3								23.2	5.3
ESE	5.7	9.2	8.4	2.0	.3	.1						25.8	6.3
SE	2.7	2.4	2.7	2.2	.4	.1						10.6	7.5
SSE	.4	.3	.3	.4	.3							1.6	10.0
S	.3	.4		.1								.8	6.3
SSW	.3	.1	.5	.4	.3							1.6	9.9
SW	.4	.4	.1	.3	.1							1.4	8.1
WSW	.3	.3	.5	1.2	.4							2.7	11.1
W	1.1	1.1	.7	1.1	.1							4.1	7.1
WNW	1.1	.9	1.1	.4								3.5	6.3
NW	.5	1.2	.7	.3	.3							3.0	7.0
NNW	.8	.3	.1	.3								1.5	5.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	10.7	//////
TOTALS	24.2	30.7	22.8	9.2	2.2	.3						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 737

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.7	1.2	.1	.3								2.3	5.1
NNE	2.0	1.4		.1								3.5	3.6
NE	.9	1.5	.4									2.8	4.4
ENE	1.9	1.5	1.1	.1								4.6	4.7
E	4.5	2.7	1.6	.1								8.9	4.2
ESE	1.6	2.8	2.2	.9	.1							7.7	6.6
SE	.5	1.1	1.8	1.8	1.5							6.6	11.1
SSE	.3	.3	.4	.4	.3							1.6	9.8
S													
SSW				.3								.3	12.5
SW	.5	.4	.5	.8	.1	.1						2.6	9.9
WSW	.9	.8	1.2	1.5	.3							4.7	8.9
W	1.8	5.7	7.7	1.6	.1							16.9	7.0
WNW	1.9	5.7	7.0	2.8	.4							17.9	7.6
NW	2.0	4.6	2.7	1.1								10.4	6.2
NNW	1.1	.9	.5	.3								2.8	5.2
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	6.1	//////
TOTALS	20.7	30.6	27.4	12.2	2.8	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 738

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.7	.6										1.3	3.2
NNE	.3	.6	.7	.3								1.9	6.7
NE	.4	.9	.9	.1								2.3	6.4
ENE	.3	.4										.7	3.6
E	.6	.3										.9	3.3
ESE	.7	.4	1.0	.6								2.8	7.6
SE	.3	.7	.6	.4	.6							2.6	10.1
SSE			.1	.3	.6							1.0	15.7
S	.3		.1	.1								.6	7.3
SSW		.1	.6	.1								.9	8.5
SW	.6	.3	1.0	1.2	.1							3.2	9.1
WSW	.1	2.0	3.1	1.3	.1							6.7	8.3
W	2.3	12.1	14.6	2.3								31.4	7.1
WNW	1.6	8.6	11.4	3.6	.3							25.5	7.7
NW	1.9	4.2	4.5	1.8	.1							12.6	7.2
NNW	.4	.9	.7									2.0	5.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.5	//////
TOTALS	10.7	32.3	39.4	12.3	1.9							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 685

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		.4										.4	4.5
NNE	1.3	.8	.6									2.7	4.4
NE	.4	.2	.4									1.0	5.2
ENE	.4	.2	.2									.8	4.0
E	1.5	.6										2.1	2.6
ESE	.2	.6	.8	.8	.2							2.5	8.9
SE	.2	.2	.2	1.0	.2							1.7	12.3
SSE	.2	.2	.2	.4	.2							1.2	9.8
S	1.7	.6	.2	.4	.2							3.1	5.2
SSW	1.7	1.5	.4									3.7	3.7
SW	2.3	1.5	1.0		.2							5.0	4.7
WSW	4.2	4.2	1.5	.4								10.4	4.5
W	8.8	10.8	2.9	.2								22.7	4.3
WNW	1.7	4.8	4.0	1.2	.2							11.9	6.8
NW	1.2	1.5	2.3	.8								5.8	7.0
NNW	1.2	.4	.2									1.7	3.6
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	23.5	//////
TOTALS	27.1	28.5	14.8	5.0	1.2							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 520

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.4											.4	2.0
NNE	.2	.4										.6	3.7
NE	.8											.8	2.3
ENE	1.2	1.2										2.5	3.0
E	1.4	.6	.2									2.2	3.2
ESE	1.8	1.8	.4	.2								4.3	4.3
SE	.8	.6	.6	1.6								3.7	8.6
SSE	.2	.2		.6								1.0	9.8
S	1.2	.4	.2	.2								2.0	4.4
SSW	3.3	2.7	.6									6.5	3.8
SW	3.7	2.5	.4	1.2								7.8	5.1
WSW	2.0	4.3	1.2	.2								7.8	4.9
W	2.2	2.7	1.2									6.1	4.6
WNW	.6	1.8	.6	.8	.2							4.1	7.2
NW	1.2	2.0	1.2									4.5	4.8
NNW	.4	.4	.2									1.0	4.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	44.6	//////
TOTALS	21.7	21.7	7.0	4.9	.2							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS: 469

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.4	.5	.1	.1								1.1	4.6
NNE	1.0	.6	.2	.1								2.0	4.1
NE	1.0	.7	.4	.1								2.1	4.4
ENE	1.4	1.3	.5	.0								3.1	4.1
E	4.1	4.1	2.1	.1								10.4	4.5
ESE	2.8	3.7	3.2	1.0	.1	.0						10.8	6.1
SE	1.2	1.4	1.4	1.3	.6	.0						6.0	8.6
SSE	.3	.2	.2	.4	.2	.0						1.3	10.2
S	.7	.2	.1	.1	.0							1.2	4.9
SSW	1.0	.7	.4	.2	.1							2.2	5.1
SW	1.3	.9	.6	.7	.1	.0						3.6	6.7
WSW	1.2	1.8	1.4	.9	.2							5.5	7.0
W	2.7	5.6	4.9	1.1	.1							14.4	6.3
WNW	1.2	3.9	4.4	1.7	.2							11.3	7.4
NW	1.2	2.5	2.0	.7	.1							6.5	6.6
NNW	.7	.5	.4	.1								1.7	5.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	16.8	//////
TOTALS	22.2	28.4	22.3	8.5	1.7	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 3739

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.3	.3										.6	4.0
NNE	.2	.2										.3	3.0
NE	.5											.5	1.7
ENE	1.5	.6										2.2	3.0
E	5.3	7.0	1.2									13.4	4.0
ESE	8.2	7.7	2.9	.5								19.3	4.4
SE	1.7	2.3	2.3	.6								7.0	6.1
SSE	.5	.3										.8	2.8
S	1.5	.8	.5	.2								2.9	4.2
SSW	1.1	.8	.2									2.0	3.2
SW	1.4	.9	.6	.2								3.1	4.6
WSW	.8	.3										1.1	2.3
W	1.9	.8	1.1	.2								3.9	4.9
WNW	1.2	.3	.6	.2		.2						2.5	6.1
NW	.8	1.4	.8									2.9	4.9
NNW	.3	.5	.5	.2								1.4	6.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	36.2	//////
TOTALS	27.0	24.1	10.7	1.9		.2						100.0	2.9

TOTAL NUMBER OF OBSERVATIONS: 647

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.4	1.2	.2	.1								3.0	4.2
NNE	1.0	1.0										2.0	3.3
NE	1.8	.7										2.6	2.8
ENE	2.2	1.4	.1									3.7	3.4
E	3.9	5.3	3.8									13.0	5.0
ESE	3.0	7.1	4.8	1.2								16.1	6.0
SE	1.5	2.5	2.8	1.2								8.0	7.0
SSE	.2	.6	.6									1.5	5.6
S	.7	.4	.2									1.4	4.0
SSW	.4	.7	.5	.4	.1							2.1	7.9
SW	.6	.6	.5		.1							1.8	6.3
WSW	.1	1.1	1.7									3.0	6.6
W	1.7	3.4	3.0	.1								8.2	5.5
WNW	1.8	4.2	3.0	1.0	.1	.1						10.2	6.5
NW	2.1	2.0	1.6	.4		.1						6.2	5.9
NNW	1.4	1.1	.4	.2								3.1	4.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	14.3	//////
TOTALS	23.9	33.3	23.2	4.7	.4	.2						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 813

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6	1.2	.4									2.2	4.7
NNE	.7	.1	.2									1.1	4.0
NE	.6	.7	.1									1.5	3.8
ENE	.6	.6	.1									1.4	4.0
E	.2	1.2	.5									2.0	5.4
ESE	.2	.9	1.2	.9								3.2	8.3
SE	.4	.9	1.2	1.1								3.6	8.6
SSE		.6	.2									.9	5.9
S	.1	.5	.2									.9	5.3
SSW		.1	.9	.5								1.5	10.2
SW	.5	.1	.9	1.0	.2							2.7	10.3
WSW	.2	1.0	1.6	1.1								3.9	8.3
W	1.1	6.6	10.2	3.0		.1						21.0	7.9
WNW	2.0	9.7	13.2	6.9	1.1	.1						33.0	8.6
NW	1.7	4.3	4.9	2.1	.6							13.7	7.8
NNW	.7	1.5	.7	.4								3.3	6.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	4.3	//////
TOTALS	9.8	30.1	36.7	16.9	2.0	.2						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 813

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.3	.8	.1									1.2	4.4
NNE	.3											.3	2.5
NE	.5	.4	.1									1.0	3.9
ENE	.1	.1										.3	3.5
E	.3	.1										.4	3.3
ESE	.4	.3	1.2		.4							2.2	8.9
SE	.1	.4	.5	.7								1.7	9.1
SSE			.1									.1	8.0
S	.3	.3	.4									.9	6.0
SSW		.4	.3									.7	6.0
SW		.5	2.0	.8	.4							3.7	10.1
WSW		1.7	3.4	.8								5.9	8.4
W	1.4	8.4	19.0	4.5								33.3	7.9
WNW	.7	7.7	13.8	5.2	1.7	.9						30.1	9.4
NW	.4	3.5	5.5	3.5	1.0							14.0	9.6
NNW	.3	.7	.5	.7	.4	.1						2.6	10.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.6	//////
TOTALS	5.0	25.3	47.0	16.1	3.9	1.0						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 762

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.5	.7										1.1	3.3
NNE	.2											.2	3.0
NE	.2	.2										.3	3.0
ENE	.2	.2										.3	3.5
E	.5	.5	.2									1.1	3.4
ESE	.5	.7	.3	.3	.3							2.1	8.4
SE	.8	1.0	1.0	.3								3.1	6.5
SSE	.3	.2	.2									.7	5.0
S	1.3	.3										1.6	2.9
SSW	.7	1.1	.5	.2								2.5	5.4
SW	2.0	3.0	2.0	.7								7.6	5.7
WSW	2.1	4.6	4.9	.3								12.0	5.9
W	9.4	12.3	5.3	.5								27.4	4.7
WNW	1.5	5.9	4.9	3.0	.8							16.1	7.8
NW	.3	2.1	3.1	3.9	.2							9.7	9.4
NNW	1.0	.2	1.0	.3	.2							2.6	7.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	11.5	//////
TOTALS	21.3	32.8	23.3	9.5	1.5							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 609

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.2	.5	.2									1.9	3.4
NNE	.2											.2	1.0
NE	.5											.5	2.0
ENE	.2	.2										.3	3.5
E	.7	.3	.2									1.2	3.7
ESE	1.9	.5	.3	.2								3.0	4.1
SE	1.0	1.4	.9	.5								3.8	6.3
SSE	.7	.7	.3									1.7	4.5
S	2.1	.3										2.4	2.5
SSW	3.7	3.0	.5									7.2	3.6
SW	3.5	4.9	2.8	.5								11.7	4.9
WSW	2.1	4.4	2.3	.5								9.3	5.6
W	5.8	5.4	1.0									12.2	3.9
WNW	1.6	2.1	2.1	.9	.3							7.0	7.0
NW	1.7	1.6	1.7	.5	.2							5.8	6.0
NNW	.2	.3	.5	.2								1.2	6.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	30.4	//////
TOTALS	27.1	25.7	12.9	3.3	.5							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 572

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.7	.8	.2	.0								1.7	4.1
NNE	.5	.2	.0									.7	3.4
NE	.7	.4	.0									1.2	3.1
ENE	.9	.5	.0									1.4	3.4
E	1.8	2.5	1.1									5.4	4.5
ESE	2.3	2.9	1.9	.5	.1							7.8	5.7
SE	.9	1.4	1.5	.8								4.6	7.0
SSE	.3	.4	.3									.9	5.0
S	.9	.4	.2	.0								1.6	3.9
SSW	.8	.9	.5	.2	.0							2.4	5.4
SW	1.2	1.5	1.4	.5	.1							4.7	6.5
WSW	.8	2.0	2.3	.5								5.6	6.6
W	3.2	6.1	7.0	1.5		.0						17.9	6.5
WNW	1.5	5.3	6.7	3.0	.7	.2						17.4	8.4
NW	1.2	2.6	3.1	1.8	.4	.0						9.0	8.0
NNW	.7	.8	.6	.3	.1	.0						2.5	6.8
VARIABLE													
CALM												15.2	
TOTALS	18.3	28.7	26.8	9.2	1.4	.3						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 4216

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.0											1.0	2.2
NNE	.3											.3	2.5
NE	1.1	.3										1.4	2.7
ENE	1.6	1.1										2.7	3.2
E	4.3	6.0	1.1	.2								11.6	4.2
ESE	2.9	6.9	1.4	.2								11.4	4.6
SE	1.6	2.6	1.1	.8								6.1	6.0
SSE	.3											.3	2.0
S	.8	.6										1.4	3.1
SSW	1.3	.8	.2									2.3	3.2
SW	2.6	1.4	.3									4.3	3.4
WSW	1.9	1.4	.3	.3								4.0	4.7
W	2.3	2.6	1.0	.3								6.1	5.1
WNW	1.3	2.1	2.1	.3								5.8	5.9
NW	1.0	1.3	1.1	.3								3.7	5.7
NNW	1.0	.3	.2									1.4	2.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	35.9	//////
TOTALS	25.3	27.5	8.9	2.4								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS: 621

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.8	1.0	.1									2.9	3.3
NNE	1.0	1.1	.4									2.5	4.2
NE	1.5	.8	.1									2.4	3.1
ENE	1.6	1.0	.5									3.2	3.9
E	1.6	3.2	1.5									6.3	5.1
ESE	1.6	2.7	2.0	.4								6.7	5.8
SE	.6	1.5	1.3									3.4	5.8
SSE		.3										.3	5.0
S	.3	.1										.4	2.7
SSW	.1		.1									.3	5.0
SW	.6	.6	.5	.1								1.9	5.5
WSW	.6	1.8	2.2	.5								5.1	6.9
W	2.0	7.1	10.3	2.2								21.5	7.0
WNW	2.2	7.2	7.4	2.3	.1							19.1	7.2
NW	1.6	3.8	1.9	.4								7.7	5.6
NNW	1.0	1.4	.3	.1								2.8	4.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	13.4	//////
TOTALS	18.4	33.6	28.5	6.0	.1							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 789

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.3	.9	.3									1.4	5.0
NNE			.3	.1								.4	9.3
NE	.3	.3	.3									.8	5.2
ENE													
E		.5	.1									.6	6.0
ESE	.3	.4	.8	.1								1.5	7.3
SE	.1	.1	.5	.1								.9	7.6
SSE													
S	.1		.1									.3	6.0
SSW		.5		.3								.8	7.5
SW	.3		.4	.1								.8	7.3
WSW	.1	.5	1.6	1.4								3.7	9.9
W	.8	5.4	20.5	14.4	.4							41.6	9.6
WNW	.5	4.8	16.9	12.4	1.3	.3						36.1	10.1
NW	.1	3.2	4.6	1.6								9.5	8.1
NNW	.3	.3	.1									.6	4.8
VARIABLE													
CALM												1.1	//////
TOTALS	3.0	16.9	46.4	30.7	1.6	.3						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS: 769

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.4	.3										.7	3.2
NNE		.3										.3	4.5
NE	.1	.1										.3	3.5
ENE													
E		.1										.1	6.0
ESE	.1	.7	.1									1.0	4.6
SE		.3	.3									.5	6.3
SSE		.1	.1									.3	7.5
S	.4	.1	.1	.1								.8	5.3
SSW		.1	.1	.1								.4	8.3
SW	.3	.3	.7									1.2	6.6
WSW		1.0	4.4	2.7								8.0	9.6
W	.4	7.4	28.2	13.8	.3							50.0	9.4
WNW	.3	4.4	12.4	10.1	2.3	.7						30.1	11.0
NW	.1	1.0	2.0	1.5	.5	.1						5.3	10.9
NNW		.4	.1									.5	6.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	.4	//////
TOTALS	2.2	16.5	48.6	28.3	3.1	.8						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS: 734

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.5	.2	.2									.9	4.0
NNE	.2											.2	1.0
NE	.2											.2	2.0
ENE	.2											.2	2.0
E													
ESE	.3		.2									.5	4.0
SE		.3	.3									.7	6.8
SSE		.2										.2	4.0
S	.3	.3	.3									1.0	5.0
SSW	.3	.3	.3									1.0	4.8
SW	1.4	2.3	3.8	.3								7.9	6.7
WSW	1.0	6.0	9.4	1.6								20.1	7.1
W	8.2	16.6	13.6	1.0								39.4	5.7
WNW	.9	4.2	7.3	4.2	.9	.2						17.6	9.5
NW	.3	1.6	1.4	.7	.2							4.2	8.2
NNW	.7	.7										1.4	3.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	4.5	//////
TOTALS	14.7	34.7	37.0	7.9	1.0	.2						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 573

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.8	.2										.9	2.6
NNE													
NE	.4											.4	2.5
ENE	.2											.2	2.0
E	.2	.2										.4	3.5
ESE			.4									.4	10.0
SE	.8	.2	.6									1.5	4.5
SSE		.6										.6	4.0
S	1.1	.2										1.3	2.4
SSW	3.6	4.0	.9									8.5	4.2
SW	3.4	7.6	4.7	.6								16.3	5.7
WSW	3.6	4.9	3.8	.6								12.9	5.4
W	5.5	9.7	5.1									20.3	5.1
WNW	1.7	4.6	2.8	1.7								10.8	6.7
NW	.4	1.5	1.1	.4								3.4	6.7
NNW	.2											.2	1.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	21.8	//////
TOTALS	21.8	33.6	19.5	3.2								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 527

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.8	.5	.1									1.4	3.5
NNE	.3	.3	.1	.0								.7	4.5
NE	.6	.3	.1									1.0	3.3
ENE	.6	.4	.1									1.1	3.5
E	1.0	1.7	.5	.0								3.2	4.6
ESE	.9	1.8	.9	.1								3.7	5.3
SE	.5	.8	.7	.1								2.2	6.0
SSE	.0	.2	.0									.2	4.5
S	.5	.2	.1	.0								.8	3.8
SSW	.7	.8	.2	.1								1.9	4.5
SW	1.3	1.7	1.5	.2								4.7	5.7
WSW	1.1	2.6	3.4	1.2								8.3	7.2
W	2.9	7.8	13.9	6.0	.1							30.6	8.0
WNW	1.1	4.7	8.7	5.6	.8	.2						21.1	9.3
NW	.6	2.2	2.2	.9	.1	.0						6.0	7.6
NNW	.5	.5	.1	.0								1.2	3.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	12.0	//////
TOTALS	13.4	26.4	32.7	14.2	1.1	.2						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 4033

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.8	.4										1.2	3.2
NNE	.5	.1										.7	2.0
NE	.8	.1										1.0	2.4
ENE	.7	.3										1.0	2.7
E	2.6	1.6	.5									4.8	3.6
ESE	3.1	2.2	.7									6.0	3.7
SE	.5	.3	.1									1.0	3.4
SSE	.8	.3										1.1	2.9
S	.7	.4										1.1	3.4
SSW	2.2	1.4										3.5	3.3
SW	2.6	1.8	.4	.1								4.9	3.9
WSW	3.1	5.0	2.3	.3								10.8	4.9
W	4.8	8.4	5.9	.8								19.9	5.4
WNW	2.3	3.1	2.5	1.6								9.5	6.5
NW	1.9	.7	.1	.1								2.9	3.4
NNW	1.0	.3										1.2	2.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	29.6	//////
TOTALS	28.5	26.4	12.5	3.0								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS: 734

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6	.6										1.3	3.0
NNE	.8	.4	.1									1.3	3.4
NE	1.1	.3										1.4	2.5
ENE	.9	.5										1.4	3.1
E	1.5	1.1	.3									2.9	3.7
ESE	.6	.8	.3									1.7	4.4
SE	.1	.3	.1									.5	5.3
SSE	.1	.3										.4	4.3
S													
SSW	.1											.1	2.0
SW	.5	.4	.3	.3								1.4	5.6
WSW	1.1	1.4	3.4	.4								6.4	6.7
W	3.6	14.5	21.2	5.1	.1							44.5	7.4
WNW	3.1	7.0	8.9	3.8	.8							23.5	7.7
NW	1.3	1.8	1.9	.1								5.1	5.9
NNW	.6	1.0	.3									1.9	4.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	6.2	//////
TOTALS	16.2	30.3	36.8	9.7	.9							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 786

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.3	.4	.1									.8	5.0
NNE			.1									.1	7.0
NE			.1									.1	7.0
ENE													
E													
ESE													
SE													
SSE			.1									.1	9.0
S	.1											.1	2.0
SSW				.1								.1	11.0
SW		.5	.3	.3								1.0	7.4
WSW		.4	1.5	3.3								5.2	11.1
W	.3	5.6	25.6	28.1	1.0	.1						60.7	10.6
WNW	.3	2.8	13.2	10.6	1.0							27.9	10.3
NW	.3	1.1	1.3	.3								2.9	7.0
NNW	.1	.3	.5									.9	7.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////
TOTALS	1.3	11.1	42.9	42.6	2.0	.1						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS: 766

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		.3	.3									.6	7.0
NNE		.1										.1	5.0
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW			.3									.3	9.0
WSW	.3	.4	6.1	5.1								11.9	10.0
W	.3	4.7	30.4	29.1	.9							65.3	10.5
WNW		1.7	7.4	7.4	2.0							18.6	11.4
NW		.3	1.2	.7	.1							2.3	10.2
NNW		.1	.4	.1								.7	7.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	.1	//////
TOTALS	.6	7.7	46.1	42.4	3.1							100.0	10.6

TOTAL NUMBER OF OBSERVATIONS: 688

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		.4										.4	5.5
NNE	.2											.2	3.0
NE													
ENE													
E		.2										.2	4.0
ESE	.2											.2	2.0
SE													
SSE													
S													
SSW	.4	.2										.6	3.0
SW	.2	2.0	5.9	1.5								9.6	8.3
WSW	1.5	7.0	14.8	7.2	.2							30.7	8.5
W	1.9	10.9	21.7	5.7	.2							40.4	7.9
WNW	.9	1.9	4.6	3.3	.4							11.1	9.3
NW	.4	1.3	.7	.9	.4							3.7	8.4
NNW	.2	.4	.4	.4								1.3	7.0
VARIABLE													
CALM												1.7	//////
TOTALS	5.7	24.3	48.1	19.1	1.1							100.0	8.1

TOTAL NUMBER OF OBSERVATIONS: 540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.0											1.0	1.8
NNE													
NE	.2											.2	1.0
ENE													
E													
ESE	.2											.2	3.0
SE													
SSE													
S	.5	.5										1.0	3.8
SSW	1.2	1.0	1.2									3.4	5.1
SW	.2	6.6	6.8	2.4								16.1	7.7
WSW	3.2	7.3	13.1	5.1								28.7	7.7
W	5.6	9.0	10.9	2.2								27.7	6.4
WNW	.5	2.9	2.2	1.9								7.5	7.9
NW	.7	.7	.2	.2								1.9	5.1
NNW	1.9	.5										2.4	2.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	9.7	//////
TOTALS	15.3	28.5	34.5	11.9								100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 411

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.4	.4	.1									.9	3.9
NNE	.3	.1	.1									.5	3.3
NE	.4	.1	.0									.5	2.7
ENE	.3	.2										.5	2.9
E	.8	.6	.2									1.5	3.6
ESE	.8	.6	.2									1.5	3.8
SE	.1	.1	.1									.3	4.1
SSE	.2	.1	.0									.3	3.8
S	.2	.1										.3	3.4
SSW	.6	.4	.1	.0								1.1	4.0
SW	.6	1.5	1.7	.6								4.4	7.0
WSW	1.4	3.1	5.9	3.2	.0							13.6	8.1
W	2.5	8.8	19.8	12.9	.4	.0						44.5	8.9
WNW	1.3	3.4	7.0	5.1	.8							17.6	9.2
NW	.8	1.0	1.0	.4	.1							3.2	6.6
NNW	.6	.4	.3	.1								1.7	4.9
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	8.0	//////
TOTALS	11.7	20.8	36.4	22.2	1.3	.0						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 3945

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.5											.5	2.0
NNE	1.0	.1										1.1	2.1
NE	1.1	.4										1.5	2.5
ENE	.4											.4	2.0
E	1.9	1.2	.3									3.4	3.2
ESE	.5	.4	.1									1.1	4.0
SE	.4	.1	.1									.7	3.8
SSE	.1	.1										.3	3.0
S	.4											.4	1.7
SSW	.3	.5	.1									1.0	4.1
SW	2.7	2.6	1.2	.1								6.7	4.5
WSW	4.5	6.4	3.4	.4								14.7	5.2
W	8.7	9.0	2.9	.4								21.0	4.4
WNW	4.0	3.8	.5	.3								8.6	4.1
NW	1.5	1.8	.1									3.4	3.8
NNW	.4	.3										.7	3.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	34.5	//////
TOTALS	28.5	26.9	8.9	1.2								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS: 733

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.5	.1										.6	2.8
NNE	.3											.3	2.5
NE	.6	.9										1.5	3.7
ENE													
E	.4	.4										.8	4.0
ESE	.3	.5	.1									.9	4.6
SE													
SSE													
S													
SSW		.1										.1	6.0
SW	.4	.6	.3									1.3	4.5
WSW	1.2	3.1	3.6	.5	.1							8.5	6.8
W	4.4	15.9	20.5	5.5								46.3	7.3
WNW	4.2	7.8	8.8	1.5								22.4	6.2
NW	1.9	3.1	1.7	.3								6.9	5.4
NNW	.5	.8	.3									1.5	4.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	8.8	//////
TOTALS	14.6	33.3	35.3	7.8	.1							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 760

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1		.4									.5	6.8
NNE			.1									.1	9.0
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW		.1	.3									.4	7.3
WSW		.9	1.9	2.6								5.4	10.4
W		5.4	28.7	28.5	.3							62.8	10.3
WNW	.4	4.0	13.3	9.7	.1	.1						27.7	9.8
NW	.1	.5	1.2	.8								2.6	8.9
NNW			.4	.1								.5	9.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////		//////
TOTALS	.6	10.9	46.3	41.7	.4	.1						100.0	10.1

TOTAL NUMBER OF OBSERVATIONS: 760

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW		.4	.9									1.3	7.8
WSW		1.6	6.3	8.2	.1							16.2	10.4
W	.3	6.4	29.9	23.8	.1							60.5	9.8
WNW	.1	1.7	8.7	7.4	.3	.3						18.7	10.4
NW			.9	1.2	.1	.1						2.3	12.4
NNW	.1	.3		.4								.9	8.2
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	.1	//////
TOTALS	.6	10.5	46.6	41.0	.7	.4						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS: 666

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N			.2									.2	8.0
NNE													
NE													
ENE													
E	.2											.2	2.0
ESE													
SE													
SSE													
S													
SSW		.2	.4									.6	6.7
SW		2.0	4.1	1.3								7.4	6.5
WSW	1.1	5.4	17.5	10.8								34.8	9.2
W	2.0	14.7	18.4	4.7	.2							40.0	7.5
WNW	.4	4.5	4.7	.9								10.4	7.0
NW	.4	1.1	1.7	.6								3.7	7.4
NNW	.2			.2								.4	6.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	2.2	//////
TOTALS	4.3	27.9	46.9	18.4	.2							100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 557

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.5											.5	2.0
NNE													
NE	.2											.2	2.0
ENE													
E													
ESE													
SE	.5											.5	2.0
SSE													
S													
SSW													
SW	.7	4.2	5.9	2.0								12.8	7.7
WSW	3.4	8.9	18.7	7.1								38.2	7.9
W	7.1	12.8	5.2	.5								25.6	5.1
WNW	3.2	4.4	1.0									8.6	4.3
NW	.7	.7										1.5	3.8
NNW	.7	1.0										1.7	3.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	10.3	//////
TOTALS	17.2	32.0	30.8	9.6								100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 406

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.3	.0	.1									.4	3.8
NNE	.2	.0	.0									.3	2.8
NE	.4	.3										.6	3.1
ENE	.1											.1	2.0
E	.5	.3	.1									.8	3.3
ESE	.2	.2	.1									.4	4.3
SE	.1	.0	.0									.2	3.3
SSE	.0	.0										.1	3.0
S	.1											.1	1.7
SSW	.1	.2	.1									.3	5.0
SW	.7	1.4	1.7	.4								4.2	6.7
WSW	1.6	3.9	7.2	4.3	.1							17.1	8.3
W	3.6	10.4	18.6	11.7	.1							44.3	8.4
WNW	2.1	4.4	6.8	3.7	.1	.1						17.2	7.9
NW	.8	1.3	1.0	.5	.0	.0						3.6	6.6
NNW	.3	.4	.1	.1								.9	5.5
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	9.6	//////
TOTALS	10.8	22.8	35.6	20.8	.3	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 1922

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: JUL HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.2											1.2	1.8
NNE	.8											.8	2.2
NE	.5	.5										1.1	3.3
ENE	1.2	.1										1.3	2.0
E	1.5	1.5	.3									3.2	3.9
ESE	2.1	.5										2.7	2.7
SE	.4	.3										.7	2.8
SSE	.4	.4										.8	3.2
S	.8	.3										1.1	2.4
SSW	1.5	.7	.3									2.4	3.4
SW	2.4	2.7	1.3									6.4	4.4
WSW	5.3	6.4	2.4	.3								14.4	4.5
W	7.4	6.8	2.1									18.3	4.1
WNW	2.9	2.0	.4									5.3	3.6
NW	1.1	.1										1.2	2.9
NNW	.7	.3										.9	2.9
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	38.1	//////
TOTALS	30.2	24.6	6.8	.3								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS: 748

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT OPD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: JUL HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	.6										1.5	3.1
NNE	.4											.4	2.3
NE	.9	.1										1.0	2.3
ENE	.4	.2										.6	2.8
E	.5	.4	.4									1.2	4.5
ESE	.1											.1	3.0
SE													
SSE													
S	.2											.2	2.5
SSW	.1	.1										.2	4.0
SW	.7	.7	.4	.1								2.0	4.8
WSW	1.6	4.0	3.2	.5								9.3	6.3
W	3.7	16.1	18.4	3.2	.1							41.6	6.8
WNW	3.2	11.9	9.3	.4								24.8	6.0
NW	1.7	3.4	1.2									6.3	4.9
NNW	.7	.2	.1									1.1	3.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	9.4	//////
TOTALS	15.3	37.9	33.0	4.2	.1							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 905

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: JUL HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		.2										.2	5.0
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW				.4								.4	12.7
WSW		.1	1.9	3.2								5.2	11.3
W		3.5	30.5	24.8								58.7	10.1
WNW	.2	1.4	19.2	10.3								31.1	9.9
NW	.2	.5	1.7	.7								3.2	8.8
NNW	.1	.1										.2	4.0
VARIABLE													
CALM												.9	//////
TOTALS	.6	5.8	53.3	39.4								100.0	9.9

TOTAL NUMBER OF OBSERVATIONS: 807

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: JUL HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW			.3	.9								1.2	11.5
WSW		.1	6.5	6.1								12.8	10.8
W		3.5	37.4	18.1	.4							59.5	9.7
WNW		1.3	14.1	9.1								24.5	10.0
NW		.6	.9	.4								1.9	8.3
NNW													
VARIABLE													
CALM												.1	//////
TOTALS		5.5	59.2	34.7	.4							100.0	9.9

TOTAL NUMBER OF OBSERVATIONS: 689

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: JUL HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2											.2	3.0
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW			.2									.2	8.0
SW		.7	2.1	2.6								5.4	10.2
WSW	.7	6.3	11.9	8.4	.2							27.6	9.0
W	3.2	18.7	20.0	1.9	.2							43.9	6.7
WNW	.9	10.4	7.6	.4								19.4	6.4
NW	.7	1.7	.7									3.2	5.0
NNW													
VARIABLE													
CALM												.2	
TOTALS	5.8	37.9	42.5	13.2	.4							100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 536

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 77-85
MONTH: JUL HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.3	.3										.6	3.0
NNE	.6											.6	1.5
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW		.9	.3									1.1	6.3
SW	.9	4.3	6.0	2.8								13.9	8.0
WSW	1.7	8.8	14.2	5.7								30.4	7.8
W	9.1	12.8	4.3	.9								27.0	4.8
WNW	7.1	6.0	.3	.3								15.6	3.9
NW	1.7	2.3										4.0	3.8
NNW	.3	.3										.6	4.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	6.2	//////
TOTALS	21.6	37.5	25.0	9.7								100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 352

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: JUL HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.5	.2										.7	2.8
NNE	.3											.3	2.1
NE	.3	.1										.4	2.8
ENE	.3	.1										.4	2.3
E	.4	.4	.1									.9	4.1
ESE	.4	.1										.5	2.7
SE	.1	.1										.1	2.8
SSE	.1	.1										.2	3.2
S	.2	.1										.3	2.4
SSW	.3	.2	.1									.6	4.1
SW	.7	1.1	1.2	.9								3.9	7.2
WSW	1.6	3.7	5.5	3.5	.0							14.4	8.0
W	3.4	10.0	20.1	9.2	.1							42.8	8.1
WNW	2.0	5.5	9.4	3.9								20.8	7.8
NW	.9	1.3	.9	.2								3.3	5.8
NNW	.3	.2	.0									.5	3.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	13.0	//////
TOTALS	11.7	23.1	37.4	17.7	.2							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 3937

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA PERIOD OF RECORD: 76-85
MONTH: AUG HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6											.6	1.8
NNE	.3											.3	2.5
NE	.8											.8	2.0
ENE	.8											.8	1.7
E	2.3	1.3										3.6	2.8
ESE	1.9	1.4	.1									3.5	3.3
SE	1.4	.6	.3									2.3	3.6
SSE	.8	.4										1.2	2.9
S	1.2											1.2	1.8
SSW	1.4	.1										1.5	2.3
SW	3.7	1.9	.6									6.3	3.7
WSW	6.1	6.5	2.0									14.7	4.1
W	6.6	6.3	1.5	.1								14.6	4.0
WNW	2.0	1.8	.1									4.0	3.4
NW	1.4	.5										1.9	2.7
NNW	.9											.9	1.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	42.1	//////
TOTALS	32.2	20.8	4.7	.1								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS: 782

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: AUG HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6											.6	1.8
NNE	.7											.7	1.8
NE	.7	.1										.8	2.9
ENE	.6											.6	2.2
E	.7	.8										1.5	3.7
ESE	.4	.7										1.1	4.0
SE		.4	.1									.5	5.3
SSE													
S	.2											.2	2.0
SSW													
SW	.8	.4	.2									1.4	4.0
WSW	1.8	3.0	1.4	.5								6.7	5.5
W	6.9	17.5	16.1	2.6								43.1	6.1
WNW	4.6	11.1	8.0	.4								24.0	5.5
NW	2.0	2.9	1.0									5.8	4.7
NNW	1.0	.2										1.2	2.8
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	11.7	//////
TOTALS	21.1	37.0	26.8	3.5								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 840

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: AUG HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1											.1	3.0
NNE			.1									.1	8.0
NE	.1											.1	3.0
ENE		.1										.1	4.0
E													
ESE		.1										.1	4.0
SE													
SSE													
S													
SSW													
SW		.2										.2	5.5
WSW		.4	1.4	1.1								2.9	10.0
W	.4	5.2	34.9	21.0								61.4	9.6
WNW	.2	2.6	18.5	10.1								31.4	9.6
NW	.2	.2	1.9	.4	.1							2.9	8.8
NNW		.1										.1	6.0
VARIABLE													
CALM												.5	//////
TOTALS	1.1	9.0	56.8	32.5	.1							100.0	9.5

TOTAL NUMBER OF OBSERVATIONS: 840

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N													
NNE		.1										.1	6.0
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW		.1	.3	.4								.8	10.3
WSW	.3	1.0	7.5	3.6								12.3	9.7
W	.3	5.5	41.4	17.2								64.4	9.3
WNW		2.1	13.2	5.3								20.5	9.4
NW		.4	.6	.7								1.7	9.1
NNW		.1										.1	6.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////
TOTALS	.6	9.4	62.9	27.1								100.0	9.3

TOTAL NUMBER OF OBSERVATIONS: 722

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: AUG HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW		.2	.3									.5	6.7
SW	.2	1.2	5.2	.5								7.1	7.8
WSW	.3	7.5	18.7	6.2								32.8	8.4
W	4.5	20.5	14.9	1.9								41.8	6.3
WNW	1.4	6.4	4.2	.2								12.2	6.0
NW	.3	1.7	1.2									3.3	6.1
NNW	.2	.2	.2									.5	5.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.7	//////
TOTALS	6.9	37.7	44.8	8.9								100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 576

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 77-85
MONTH: AUG HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S	.5											.5	2.0
SSW	.8	1.1	.3									2.1	4.0
SW	1.9	3.7	6.1	.5								12.2	6.4
WSW	3.5	11.7	18.4	4.3								37.8	7.4
W	7.2	14.6	4.3	.3								26.3	4.7
WNW	1.1	2.4	.8									4.3	4.8
NW	1.1	.8										1.9	3.1
NNW	.3											.3	3.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	14.6	//////
TOTALS	16.2	34.3	29.8	5.1								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 376

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: AUG HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.3											.3	1.9
NNE	.2	.0	.0									.2	3.0
NE	.3	.0										.3	2.5
ENE	.3	.0										.3	2.1
E	.6	.4										1.0	3.1
ESE	.4	.4	.0									.9	3.5
SE	.3	.2	.1									.5	3.9
SSE	.1	.1										.2	2.9
S	.3											.3	1.8
SSW	.3	.1	.1									.6	3.4
SW	1.1	1.0	1.5	.2								3.8	5.9
WSW	1.9	4.2	6.6	2.2								14.9	7.3
W	4.1	11.0	20.3	8.1								43.4	7.8
WNW	1.7	4.6	8.3	3.1								17.7	7.7
NW	.9	1.1	.8	.2	.0							3.0	5.8
NNW	.4	.1	.0									.6	3.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	12.0	//////
TOTALS	13.1	23.3	37.8	13.8	.0							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 4136

BAL CLIMATOLOGY BRANCH
FETAC
WEATHER SERVICE/MAC

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

TION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6	.1										.7	2.4
NNE	.3											.3	3.0
NE	.8											.8	2.2
ENE	1.0	.4										1.4	2.4
E	7.3	5.5	.8									13.7	3.6
ESE	6.1	3.9	.6									10.5	3.4
SE	2.1	.8										2.9	2.9
SSE	.8											.8	2.2
S	.4	.3										.7	3.0
SSW	1.5	.7										2.2	2.7
SW	3.7	1.7										5.4	3.0
WSW	2.2	2.6	.4									5.3	3.8
W	3.9	3.3	1.0									8.2	4.2
WNW	1.7	1.4	.1									3.2	3.6
NW	1.2											1.2	1.7
NNW	.8	.1										1.0	2.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	41.7	//////
TOTALS	34.5	20.9	2.9									100.0	2.0

TAL NUMBER OF OBSERVATIONS: 722

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.0	.6	.1									1.8	3.1
NNE	1.8	.8										2.6	3.2
NE	3.7	.9	.3									4.9	2.9
ENE	2.4	.8	.1									3.3	2.8
E	3.5	3.7	1.3	.1								8.6	4.2
ESE	2.2	2.8	1.3									6.3	4.6
SE	1.2	.5	.4									2.1	4.1
SSE	.1											.1	2.0
S													
SSW	.6	.3										.9	2.7
SW	.8	.8	.1									1.7	3.9
WSW	.5	2.4	1.0	.3								4.2	5.7
W	4.5	12.6	6.8	.3								24.2	5.4
WNW	4.2	10.0	4.8	.1								19.2	5.1
NW	2.2	3.3	.9	.1								6.6	4.5
NNW	.9	.6										1.5	3.2
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	12.0	//////
TOTALS	29.7	60.3	17.1	.9								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 777

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1		.1									.3	5.0
NNE	.4		.1									.5	3.5
NE		.1										.1	5.0
ENE		.1										.1	4.0
E	.1	.3	.3									.6	5.2
ESE	.1		.1									.3	5.5
SE		.3										.3	5.0
SSE													
S				.1								.1	11.0
SSW													
SW		.1	.4									.5	7.8
WSW		.5	1.9	.6								3.1	8.7
W	.8	8.8	32.7	10.3	.1							52.6	8.7
WNW	.5	5.9	20.8	7.1		.1						34.5	8.8
NW	.4	.9	3.3	.5								5.1	7.6
NNW	.1	.5	.1									.8	5.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.0	//////
TOTALS	2.6	17.5	60.0	18.7	.1	.1						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 777

LOBAL CLIMATOLOGY BRANCH
SAFETAC
IR WEATHER SERVICE/MAC

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

TATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		.3										.3	5.0
NNE	.4											.4	2.3
NE													
ENE													
E													
ESE	.1	.1	.1									.4	5.3
SE		.1	.3									.4	6.7
SSE	.3											.3	2.0
S													
SSW													
SW			.3									.3	8.0
WSW	.1	2.7	6.6	2.2								11.7	8.3
W	2.4	11.8	36.9	8.7								59.8	8.2
WNW		3.4	12.6	5.7	.1							21.9	9.3
NW	.4	.4	1.6	.4								3.0	7.7
NNW			.1									.1	9.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	1.2	//////
TOTALS	3.9	19.0	58.6	17.1	.1							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS: 667

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.4											.4	2.0
NNE		.2										.2	4.0
NE	.2											.2	1.0
ENE	.2											.2	1.0
E													
ESE	.2		.2									.4	4.5
SE	.4											.4	2.5
SSE	.4											.4	2.0
S	.2											.2	2.0
SSW	.2	.6										.8	3.8
SW	1.5	5.4	2.9	1.4								11.2	6.2
WSW	4.2	8.3	8.7	2.7								23.9	6.5
W	10.6	18.9	5.6	1.0								36.1	5.0
WNW	1.2	5.6	3.3	.2								10.2	5.6
NW	1.5	1.4	.8	.2								3.9	5.0
NNW	.4	1.0										1.4	4.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	10.2	//////
TOTALS	21.6	41.3	21.4	5.4								100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 518

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 77-85
MONTH: SEP HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		.3										.3	4.0
NNE													
NE													
ENE	.3											.3	2.0
E	.3											.3	2.0
ESE	.9											.9	2.3
SE	.6											.6	2.0
SSE	.9											.9	2.0
S													
SSW	1.2	.9	.9									3.0	4.9
SW	5.9	2.7	3.0	1.2								12.8	5.2
WSW	4.5	8.6	3.6	1.5								18.1	5.4
W	10.4	6.0	2.1									20.5	3.7
WNW	3.3	2.7	.6									6.5	4.0
NW	1.8	1.5	.3									3.6	3.9
NNW	1.2	.3										1.5	2.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	30.9	//////
TOTALS	31.2	24.9	10.4	2.7								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 337

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.4	.2	.1									.7	3.2
NNE	.6	.2	.0									.8	3.2
NE	.9	.2	.1									1.2	2.8
ENE	.7	.3	.0									1.0	2.7
E	2.2	1.9	.5	.0								4.5	3.9
ESE	1.8	1.3	.4									3.6	3.9
SE	.7	.3	.1									1.2	3.6
SSE	.4											.4	2.1
S	.1	.1		.0								.2	4.0
SSW	.6	.3	.1									1.0	3.4
SW	1.6	1.5	.8	.3								4.2	5.0
WSW	1.5	3.5	3.3	1.1								9.4	6.5
W	4.6	10.4	15.7	3.8	.0							34.5	7.1
WNW	1.7	5.1	8.0	2.5	.0	.0						17.4	7.5
NW	1.2	1.3	1.3	.2								4.0	5.6
NNW	.5	.4	.1									1.0	3.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	14.9	//////
TOTALS	19.6	27.0	30.5	8.0	.1	.0						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 3798

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1											.1	1.0
NNE	.5	.3										.8	2.8
NE	1.8	.7										2.4	2.9
ENE	2.8	1.1										3.9	2.7
E	8.8	8.9	2.8									20.5	4.1
ESE	6.7	6.3	2.2	.1								15.4	4.2
SE	1.5	1.1	.3	.3								3.1	4.7
SSE	.7	.1	.1									.9	2.7
S	.3											.3	2.5
SSW	1.5	.3										1.8	2.6
SW	1.9	1.1	.1									3.1	3.1
WSW	.8	1.2										2.0	3.8
W	2.6	.8	.5									3.9	3.7
WNW	1.2	.7	.3									2.2	3.6
NW	.1	.1										.3	3.5
NNW	.3											.3	1.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	39.1	//////
TOTALS	31.5	22.6	6.3	.4								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS: 742

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.7	.7	.2									2.7	3.2
NNE	1.2	.5	.1									1.8	3.1
NE	3.6	.7	.4									4.7	3.1
ENE	2.2	2.2	.1									4.5	3.6
E	7.1	6.7	4.4	.4								18.7	4.8
ESE	3.3	6.9	3.4	.1								13.7	5.3
SE	1.0	1.1	.7	.1								2.9	5.0
SSE	.2	.1	.1									.5	4.0
S	.1		.1									.2	5.5
SSW	.4	.2										.6	2.8
SW	1.0	1.0	.2									2.2	3.7
WSW	1.7	1.2	.9	.1								3.9	4.4
W	3.3	4.5	2.8	.2								10.9	5.2
WNW	3.2	3.3	2.0	.6	.1							9.2	5.4
NW	1.5	2.0	.2									3.7	3.9
NNW	.7	.5		.1								1.3	3.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	18.3	//////
TOTALS	32.3	31.8	15.8	1.7	.1							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS: 815

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2	.2	.1									.6	4.0
NNE	.5	.5	.2									1.2	4.5
NE	.4	.6										1.0	3.5
ENE	.6	.4	.1									1.1	4.0
E	.4	1.0										1.4	3.6
ESE	.1	.9	.5	.1								1.6	6.5
SE	.1	.2	.5									.9	7.0
SSE	.2											.2	3.0
S													
SSW	.1											.1	2.0
SW	.4		.2	.1	.1							.9	8.0
WSW	.4	1.7	.9	.1								3.1	5.9
W	1.7	12.8	23.5	4.8								42.8	7.8
WNW	2.1	9.7	17.0	3.9	.2		.1					33.1	7.7
NW	.7	3.2	3.4	.6	.2							8.2	7.0
NNW	.1	.5	.2									.9	5.6
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.0	//////
TOTALS	8.1	31.7	46.7	9.7	.6		.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 813

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.1											.1	2.0
NNE	.3											.3	2.5
NE	.1		.1									.3	5.5
ENE													
E	.1	.1										.3	4.0
ESE													
SE													
SSE													
S				.1								.1	11.0
SSW		.1		.1								.3	8.5
SW	.1	.1	.3	.3	.1							1.0	10.3
WSW	1.0	4.5	3.5	.7								9.7	6.4
W	3.3	21.0	26.4	4.2								54.9	7.1
WNW	.9	6.1	11.9	4.6	.1							23.6	8.4
NW	1.6	1.9	2.2	.9								6.5	6.7
NNW	.1	.7	.3									1.2	5.3
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	1.6	//////
TOTALS	7.8	34.6	44.6	11.0	.3							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 690

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6											.6	2.7
NNE	.2											.2	2.0
NE	.2											.2	1.0
ENE													
E													
ESE		.2										.2	4.0
SE	.6											.6	1.7
SSE	.2											.2	3.0
S	1.1	.6	.2									1.9	3.6
SSW	2.8	1.3	1.1	.2								5.5	4.6
SW	5.5	4.9	1.1									11.6	3.9
WSW	5.3	9.9	3.4	.8								19.4	5.0
W	9.1	12.3	3.6	.4								25.4	4.4
WNW	2.5	3.2	1.3	.4	.2							7.6	5.4
NW	1.7	1.5	.9	.6								4.7	5.4
NNW	.6		.2									.8	4.3
VARIABLE													
CALM												21.3	
TOTALS	30.4	34.0	12.0	2.3	.2							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS: 527

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 77-85
MONTH: OCT HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.3											.3	2.0
NNE	.6											.6	2.0
NE	.6											.6	2.0
ENE	.3											.3	3.0
E	.8	1.4										2.2	3.4
ESE	.6	.3										.8	2.7
SE	.8	.6										1.4	3.2
SSE	1.4											1.4	1.4
S	2.2	.3	.3									2.8	2.7
SSW	3.6	1.4	.6	.3								5.8	3.4
SW	4.1	7.2	2.8									14.1	4.5
WSW	3.3	5.2	1.7	.3								10.5	4.8
W	5.2	5.0	2.5									12.7	4.3
WNW	1.9	1.4	.6	1.1								5.2	6.7
NW	1.1		.3									1.4	3.6
NNW													
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	40.1	//////
TOTALS	26.8	22.7	8.8	1.7								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS: 362

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-1[illegible]	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6	.2	.1									.8	3.2
NNE	.6	.3	.1									.9	3.3
NE	1.2	.4	.1									1.7	3.1
ENE	1.1	.7	.1									1.9	3.3
E	3.3	3.4	1.4	.1								8.2	4.4
ESE	2.0	2.8	1.2	.1								6.2	4.8
SE	.7	.5	.3	.1								1.6	4.8
SSE	.4	.1	.1									.5	2.7
S	.4	.1	.1	.0								.6	3.6
SSW	1.1	.4	.2	.1								1.8	3.8
SW	1.8	1.7	.6	.1	.1							4.2	4.4
WSW	1.8	3.4	1.6	.3								7.1	5.3
W	3.8	9.5	10.8	1.8								26.0	6.6
WNW	2.0	4.4	6.3	1.9	.1		.0					14.7	7.3
NW	1.1	1.6	1.3	.4	.1							4.4	6.0
NNW	.3	.3	.1	.0								.8	4.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	18.5	//////
TOTALS	22.1	30.0	24.3	4.8	.2		.0					100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 3949

.OBAL CLIMATOLOGY BRANCH
AFETAC
:R WEATHER SERVICE/MAC

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

'ATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N													
NNE		.6										.6	5.7
NE	1.1	.7										1.9	3.1
ENE	3.4	2.2		.2								5.8	3.5
E	9.9	12.1	5.8	.4								28.2	4.8
ESE	7.1	9.3	2.6	.4								19.4	4.6
SE	3.2	2.2	1.1	.6								7.1	4.7
SSE	.9	.4										1.3	2.4
S		.2										.2	4.0
SSW	.9											.9	1.8
SW	1.1	.2	.2									1.5	3.0
WSW	.9	.6										1.5	3.4
W	.7	.4			.2							1.3	5.6
WNW	.2	.4			.4							.9	10.6
NW	.6	.4	.2									1.1	3.8
NNW		.2										.2	4.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	28.2	//////
TOTALS	30.0	29.9	9.9	1.5	.6							100.0	3.2

OTAL NUMBER OF OBSERVATIONS: 536

BAL CLIMATOLOGY BRANCH
FETAC
WEATHER SERVICE/MAC

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

TION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.5	.8										1.3	3.4
NNE	.8											.8	2.3
NE	3.2	.7										3.9	2.6
ENE	1.6	1.7	.5									3.9	4.2
E	6.8	10.9	7.4	.4								25.5	5.1
ESE	5.5	14.6	9.5	.4								30.1	5.6
SE	2.0	3.2	1.9	1.1								8.2	6.3
SSE		.4										.4	4.0
S	.4		.1									.5	3.3
SSW	.1	1.1										1.2	4.8
SW	.3	.4	.3	.3								1.2	7.3
WSW	.7	.4	.3									1.3	4.4
W	1.6	2.4	.4		.1							4.6	4.6
WNW	.9	1.6	.3	.3								3.1	5.2
NW	1.1	.7	.5									2.3	4.6
NNW	.7	.1	.1									.5	4.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	11.1	//////
TOTALS	25.9	39.1	21.3	2.4	.1							100.0	4.6

TAL NUMBER OF OBSERVATIONS: 745

OBAL CLIMATOLOGY BRANCH
AFETAC
R WEATHER SERVICE/MAC

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

ATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.6	.8										2.4	2.9
NNE	1.5	.7	.5									2.7	4.1
NE	3.2	2.2	.5									5.9	3.8
ENE	2.7	3.0	.3									5.9	3.7
E	2.7	4.3	1.3	.1								8.5	4.7
ESE	.8	3.4	1.3	.3								5.8	5.5
SE	.8	.5	.9	1.2								3.5	8.1
SSE			.1	.3								.4	11.7
S	.3	.1	.3									.7	4.8
SSW	.1	.1										.3	4.0
SW	.1	.9	.1	.7								1.9	8.6
WSW	.3	.9	1.2	.3								2.7	7.4
W	3.0	8.9	8.3	1.5								21.6	6.4
WNW	2.3	10.3	6.5	.4		.1						19.6	5.9
NW	1.7	3.6	2.3	.3								7.9	5.8
NNW	.4	.9	.1									1.5	4.2
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	8.7	//////
TOTALS	21.5	40.7	23.9	5.0		.1						100.0	5.1

OTAL NUMBER OF OBSERVATIONS: 744

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

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

ION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

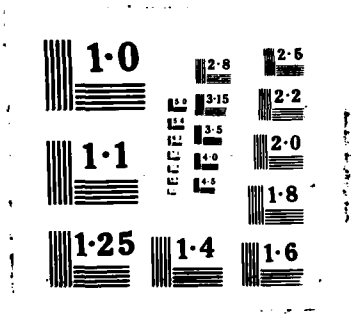
PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 1500-1700

IRECTION DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.2	.1	.1									1.5	3.3
NNE	1.2	.7	.1									2.0	3.8
NE	1.0	1.5	.1									2.6	4.1
ENE	.4	.4	.1									1.0	4.3
E	.3	.3	.1									.7	4.4
ESE	.4	.6	.7	.3								2.0	6.4
SE	.4		1.2	.4								2.0	6.3
SSE	.3	.1	.1									.6	4.0
S		.3	.1	.3								.7	9.2
SSW	.1	.3	.1									.6	5.0
SW	.7	1.3	.9	.6								3.5	6.4
WSW	1.9	4.9	3.2	.7								10.8	5.9
W	7.8	19.2	11.8	.6								39.4	5.4
WNW	3.3	8.6	5.7	.9	.1							18.6	6.0
NW	1.2	3.2	1.5	.4								6.2	5.9
NNW	.3	.9	.3									1.5	4.7
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	6.2	//////
TOTALS	20.6	42.4	26.3	4.2	.1							100.0	5.3

LL NUMBER OF OBSERVATIONS: 688

AD-A174 414 FT ORD/FRITZSCHE AAF CALIFORNIA LIMITED SURFACE OBSERVATIONS CLIMATIC SUM..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 28 OCT 86 2/3

UNCLASSIFIED USAFETAC/DS-86/056 F/G 4/2 NL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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9		.2									1.1	3.5
NNE	1.1	.8										1.9	3.3
NE	1.1	.2										1.3	3.0
ENE	1.5	.2										1.7	2.7
E	1.5	.2	.2									1.9	2.8
ESE	.9	.4	1.1	.4								2.8	6.7
SE	.9	.4	.4	.9								2.6	7.2
SSE	.8	.2										.9	2.6
S	1.3	1.1	.4									2.8	3.9
SSW	3.0	.6										3.6	2.5
SW	5.3	4.9	1.3	.2								11.7	4.0
WSW	4.9	4.0	1.9									10.7	4.2
W	4.1	2.3	.2	.9								7.5	4.1
WNW	1.3	1.3	.9	.2								3.8	5.0
NW	2.1	.6	.6	.2	.2							3.6	5.2
NNW	.6	.6										1.1	2.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	40.9	//////
TOTALS	31.5	17.5	7.2	2.8	.2							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS: 531

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2	.2										.4	3.0
NNE	.7	.2										.9	2.5
NE	2.0	.4										2.4	2.6
ENE	1.3	.9										2.2	3.1
E	3.3	1.5										4.8	3.0
ESE	3.1	1.3	.4	.7								5.5	4.6
SE	2.4	1.1	.7	.2								4.4	4.1
SSE	.7	.4										1.1	3.0
S	1.1	.4										1.5	2.9
SSW	2.2	.4	.4									3.1	3.2
SW	3.5	3.1	.9									7.4	3.9
WSW	2.0	1.3	1.1									4.4	4.6
W	2.4	.7	.9									3.9	4.1
WNW	1.5	.2										1.7	2.6
NW	1.1	.2	.7	.2								2.2	5.4
NNW	.4											.4	2.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	53.7	//////
TOTALS	27.7	12.4	5.0	1.1								100.0	1.7

TOTAL NUMBER OF OBSERVATIONS: 458

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.8	.4	.1									1.2	3.2
NNE	.9	.5	.1									1.5	3.7
NE	2.1	1.0	.1									3.2	3.3
ENE	1.8	1.5	.2	.0								3.5	3.7
E	4.0	5.1	2.6	.2								11.9	4.8
ESE	2.9	5.3	2.9	.4								11.5	5.3
SE	1.5	1.3	1.1	.8								4.7	6.2
SSE	.4	.2	.1	.1								.7	4.0
S	.5	.3	.2	.1								1.0	4.5
SSW	.9	.4	.1									1.4	3.3
SW	1.6	1.6	.6	.3								4.1	4.9
WSW	1.6	2.0	1.3	.2								5.1	5.2
W	3.4	6.3	4.1	.5	.1							14.3	5.5
WNW	1.7	4.3	2.5	.3	.1	.0						8.9	5.8
NW	1.3	1.6	1.0	.2	.0							4.2	5.5
NNW	.3	.5	.1									.9	4.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	21.7	//////
TOTALS	25.7	32.3	17.1	3.0	.2	.0						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 3702

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.2		.2									.4	5.0
NNE													
NE	.9	.2	.4									1.5	3.6
ENE	2.6	2.3	.8									5.7	4.0
E	7.9	16.2	8.3	.8								33.2	5.2
ESE	5.8	7.2	4.3	1.3								18.7	5.5
SE	1.3	2.8	.8	.9								5.8	6.0
SSE	.4	.2	.4									.9	4.2
S	.4	.2										.6	3.0
SSW	.4	.2		.2								.8	4.5
SW	.6	.6	.2			.2						1.5	6.0
WSW	1.1	.4										1.5	2.8
W	.9		.4									1.3	4.1
WNW	.2	.9	.4	.2								1.7	6.9
NW	.2	.4	.4	.2								1.1	7.0
NNW	.2		.6									.8	7.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	24.5	//////
TOTALS	23.2	31.5	17.0	3.6		.2						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 530

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.3		.3	.3								.8	7.0
NNE	.7	.1										.8	2.2
NE	.7	.3	.3									1.2	3.9
ENE	2.0	1.3	1.1	.1								4.5	4.4
E	7.3	11.3	12.0	.7								31.3	5.8
ESE	5.7	11.5	11.2	1.6	.1							30.1	6.2
SE	1.5	2.4	1.3	.9	.7							6.7	7.6
SSE	.3	.8	.1									1.2	4.4
S	.7											.7	2.2
SSW		.3	.4	.3								.9	8.9
SW	.4	.3	.1	.5								1.3	7.4
WSW	.1	.5		.1	.4							1.2	10.6
W	.9	.8	.4	.1								2.2	4.8
WNW	.5	.9	.5	.9								2.9	7.4
NW	.4	.3	.4	.3								1.3	6.7
NNW	.1	.5	.5	.1								1.3	7.1
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	11.6	//////
TOTALS	21.4	31.3	28.6	5.9	1.2							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 758

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.9	1.3	.5	.7								4.4	5.3
NNE	1.9	.5	.3									2.7	3.3
NE	1.9	2.4	1.6									5.9	5.0
ENE	2.8	3.7	1.6	.1								8.3	5.1
E	4.3	6.5	4.3	.1								15.2	5.0
ESE	3.7	5.5	2.4	1.5	.1							13.2	5.9
SE	.9	2.0	.9	.9	.3	.1						5.2	8.1
SSE	.1	.3										.4	4.0
S		.1										.1	6.0
SSW						.1						.1	24.0
SW	.1	.4	.4		.3							1.2	9.1
WSW	.4	.5	.1	.5	.1							1.7	8.2
W	2.1	3.5	2.7	.7								8.9	5.9
WNW	3.1	5.7	2.7	.8	.1							12.4	5.7
NW	2.3	2.8	1.5	.4	.3							7.2	5.7
NNW	.9	1.3	.3	.4								2.9	5.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	10.0	//////
TOTALS	26.4	36.7	19.2	6.1	1.2	.3						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 749

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.8	1.4	.5	.8								4.5	5.5
NNE	1.5	1.5	.8	.2								4.0	4.9
NE	2.8	3.4	2.5									8.6	5.0
ENE	.9	1.7	.6									3.2	4.5
E	1.5	.5	.2									2.2	3.1
ESE	1.5	.6	.9	.8								3.8	6.0
SE	.5	.2	.8	.8	.3	.3						2.8	11.6
SSE	.2											.2	3.0
S		.2	.2									.3	6.0
SSW	.2	.2	.5	.2								.9	7.7
SW	.5	.8		.3								1.5	5.6
WSW	2.0	1.4	1.8	.5	.2							5.8	6.2
W	5.7	12.2	2.6	.6	.2							21.2	4.8
WNW	3.2	8.0	3.7	1.2	.2							16.3	5.7
NW	2.9	3.7	2.6	.6		.2						10.0	5.8
NNW	1.2	.9	.2	.2								2.5	4.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	12.2	//////
TOTALS	26.5	36.5	17.7	6.0	.8	.5						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 650

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.5	.5	.8	.3								2.1	6.4
NNE	2.1	1.6	.5									4.2	3.9
NE	2.4	2.4	.8									5.5	4.0
ENE	2.6	1.8										4.5	3.3
E	.8	2.6	.3									3.7	4.2
ESE	1.3	.5		.5	.3							2.6	6.6
SE	.3		.8									1.1	7.0
SSE	1.1		.3									1.3	3.2
S	1.6	.3										1.8	2.3
SSW	1.8	.3										2.1	2.5
SW	5.5	3.2	.3									9.0	3.1
WSW	4.0	2.1	.5									6.6	3.5
W	4.2	1.3										5.5	2.4
WNW	.8	1.3	.5	.3								2.9	4.9
NW	.5	1.8	1.8	.5								4.7	6.8
NNW	.3	.3										.5	4.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	41.7	//////
TOTALS	29.8	20.1	6.6	1.6	.3							100.0	2.3

TOTAL NUMBER OF OBSERVATIONS: 379

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		.6	.3	.9								1.8	10.0
NNE	1.5	.3										1.8	2.7
NE	3.9	.3										4.2	2.1
ENE	1.8	1.2	.3									3.3	4.0
E	6.6	5.1	1.2									12.9	4.0
ESE	2.7	2.7	.6	.3								6.3	4.6
SE	.6	.3	.6	.9								2.4	6.4
SSE	1.5	.3	.3									2.1	2.9
S	.9	.6										1.5	2.6
SSW	2.1	.6										2.7	2.4
SW	3.0	.3	.9									4.2	3.8
WSW	1.5	2.4										3.9	3.4
W	1.8	.3										2.1	2.4
WNW	1.2	.3	.3									1.8	2.8
NW	.6	.6	.3									1.5	5.0
NNW	.9	.6	.6									2.1	5.0
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	45.3	//////
TOTALS	30.6	16.5	5.4	2.1								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS: 333

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	.7	.4	.5								2.5	5.9
NNE	1.2	.6	.3	.0								2.2	3.8
NE	1.9	1.6	1.0									4.5	4.5
ENE	2.1	2.1	.9	.1								5.1	4.5
E	4.8	7.4	5.1	.3								17.6	5.2
ESE	3.7	5.3	3.9	1.1	.1							14.2	5.9
SE	.9	1.5	.9	.8	.3	.1						4.4	7.9
SSE	.4	.3	.1									.9	3.7
S	.5	.2	.0									.7	2.9
SSW	.5	.2	.2	.1		.0						1.0	5.5
SW	1.2	.8	.3	.2	.1	.0						2.5	4.9
WSW	1.3	1.0	.4	.2	.1							3.1	5.6
W	2.6	3.4	1.2	.3	.0							7.6	4.8
WNW	1.6	3.3	1.6	.7	.1							7.3	5.8
NW	1.3	1.7	1.2	.4	.1	.0						4.6	5.9
NNW	.6	.7	.4	.1								1.8	5.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	20.0	//////
TOTALS	25.6	30.8	17.9	4.8	.7	.2						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 3399

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: T24916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-86
MONTH: ALL HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.6	.4	.1	.0								1.1	4.0
NNE	.6	.3	.1	.0								1.0	3.7
NE	.9	.5	.2	.0								1.7	3.7
ENE	1.0	.7	.2	.0								1.9	3.8
E	2.2	2.8	1.4	.1								6.5	4.7
ESE	1.8	2.4	1.5	.4	.0	.0						6.1	5.6
SE	.7	.8	.7	.4	.1	.0						2.6	7.0
SSE	.3	.2	.1	.0	.0	.0						.6	5.1
S	.4	.2	.1	.0	.0							.7	4.0
SSW	.6	.4	.2	.1	.0	.0						1.4	4.7
SW	1.2	1.3	1.0	.4	.0	.0						4.0	6.0
WSW	1.4	2.7	3.3	1.5	.0							9.0	7.2
W	3.3	7.7	11.7	4.8	.1	.0						27.6	7.6
WNW	1.6	4.3	6.1	2.7	.2	.0	.0					15.0	7.9
NW	1.0	1.7	1.4	.5	.1	.0						4.8	6.5
NNW	.5	.5	.2	.1	.0	.0						1.2	4.9
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	14.9	//////
TOTALS	18.0	26.9	28.2	11.2	.6	.1	.0					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 46799

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-86
MONTH: ALL HOURS(LST): ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.7	.1	.0									.9	2.5
NNE	.4	.1										.6	2.7
NE	.4	.2										.6	3.0
ENE	.5	.2	.0									.7	2.9
E	1.2	.8	.2									2.1	3.5
ESE	1.0	1.0	.2	.1	.0							2.4	4.4
SE	.6	.3	.1	.0								1.0	3.9
SSE	.3	.1										.4	2.5
S	.4	.1										.4	2.5
SSW	.5	.3	.1	.0								.9	3.6
SW	1.0	1.2	.8	.2	.0	.0						3.3	5.5
WSW	2.3	4.3	3.9	1.2	.0							11.6	6.4
W	5.7	12.7	14.9	4.1								37.4	6.8
WNW	2.7	5.4	6.2	1.5	.0							15.9	6.6
NW	1.4	1.2	.7	.2								3.4	4.8
NNW	.7	.4	.0									1.1	3.3
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	17.3	//////
TOTALS	19.7	28.5	27.1	7.2	.1	.0						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 8417

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CEILING VERSUS VISIBILITY

PART 3

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 the tables are presented by month and available 3-hour groups.

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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.

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, For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the 10 mi visibility category should be used with great caution.

For overseas civilian stations reporting "CAVOK", all ceilings greater than 5,000 feet are suppressed into the 5,000 foot ceiling class.

NOTE: 1. For METAR stations beginning Jan 68 and Synoptic reporting stations, only the highest order of atmospheric phenomena was reported, recorded on the AWS Forms 10a, and transmitted longline. Beginning Jan 70, METAR stations recorded all atmospheric phenomena on the AWS Form 10a, but transmitted longline only the highest order. For example, if the observation consisted of rain, fog and smoke, only the rain was transmitted longline. Our data base, as a result, contains only rain for that observation. Because of these reporting procedures the summaries for METAR and Synoptic reporting stations are highly questionable in the hourly summaries. This primarily effects the obstruction to vision columns, but may also have minor effects on the precipitation columns.

2. When the value of ".0" appears in the summaries, it represent one or more occurrences amounting to less than .05 percent.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	45.5	52.1	53.9	54.7	55.5	55.6	56.5	56.6	56.6	56.8	56.9	56.9	56.9	56.9	57.1	58.1
GE 20000	50.0	57.4	59.2	60.0	60.8	61.0	61.8	61.9	61.9	62.1	62.3	62.3	62.3	62.3	62.4	63.4
GE 18000	50.5	58.1	59.8	60.6	61.5	61.6	62.4	62.6	62.6	62.7	62.9	62.9	62.9	62.9	63.1	64.0
GE 16000	50.6	58.2	60.0	60.8	61.6	61.8	62.6	62.7	62.7	62.9	63.1	63.1	63.1	63.1	63.2	64.2
GE 14000	51.3	58.9	60.6	61.5	62.3	62.4	63.2	63.4	63.4	63.5	63.7	63.7	63.7	63.7	63.9	64.8
GE 12000	52.1	60.0	61.8	62.6	63.4	63.5	64.4	64.5	64.5	64.7	64.8	64.8	64.8	64.8	65.0	66.3
GE 10000	52.9	61.1	63.2	64.2	65.2	65.3	66.1	66.3	66.3	66.5	66.6	66.6	66.6	66.6	66.8	68.1
GE 9000	53.1	62.1	64.2	65.2	66.1	66.3	67.1	67.3	67.3	67.4	67.6	67.6	67.6	67.6	67.7	69.0
GE 8000	54.0	63.1	65.3	66.3	67.3	67.4	68.2	68.4	68.4	68.5	68.7	68.7	68.7	68.7	68.9	70.2
GE 7000	54.5	63.5	65.8	66.8	67.7	67.9	68.7	68.9	68.9	69.0	69.2	69.2	69.2	69.2	69.4	70.6
GE 6000	56.6	66.1	68.5	69.5	70.5	70.6	71.5	71.6	71.6	71.8	71.9	71.9	71.9	71.9	72.1	73.4
GE 5000	58.5	68.7	71.1	72.1	73.1	73.2	74.0	74.2	74.2	74.4	74.7	74.7	74.7	74.7	74.8	76.1
GE 4500	59.4	70.2	72.6	73.5	74.7	74.8	75.6	75.8	75.8	76.0	76.3	76.3	76.3	76.3	76.5	77.7
GE 4000	60.6	72.1	74.5	75.6	76.8	76.9	77.7	77.9	77.9	78.1	78.4	78.4	78.4	78.4	78.5	80.0
GE 3500	61.9	75.3	77.9	79.0	80.2	80.3	81.1	81.3	81.3	81.5	81.8	81.8	81.8	81.8	81.9	83.4
GE 3000	64.0	78.7	81.5	82.6	83.9	84.0	85.0	85.2	85.2	85.3	85.6	85.6	85.6	85.6	85.8	87.3
GE 2500	65.2	80.6	83.4	84.7	86.0	86.1	87.1	87.3	87.3	87.4	87.7	87.7	87.7	87.7	87.9	89.4
GE 2000	66.5	82.7	85.6	87.1	88.7	88.9	90.0	90.2	90.2	90.3	90.6	90.6	90.6	90.6	90.8	92.3
GE 1800	66.8	83.2	86.1	87.6	89.4	89.5	90.6	90.8	90.8	91.0	91.3	91.3	91.3	91.3	91.5	92.9
GE 1500	67.1	84.4	87.3	88.9	91.0	91.1	92.3	92.4	92.4	92.6	92.9	92.9	92.9	92.9	93.1	94.5
GE 1200	67.3	85.3	88.2	90.0	92.1	92.3	93.5	93.7	93.7	93.9	94.2	94.2	94.2	94.2	94.4	95.8
GE 1000	67.3	85.5	88.7	90.5	92.9	93.1	94.4	94.5	94.5	94.7	95.2	95.2	95.2	95.2	95.3	96.8
GE 900	67.3	85.6	89.0	91.0	93.5	93.7	95.0	95.2	95.2	95.3	95.8	95.8	95.8	95.8	96.0	97.4
GE 800	67.3	85.8	89.2	91.1	93.9	94.0	95.3	95.5	95.5	95.6	96.1	96.1	96.1	96.1	96.3	97.7
GE 700	67.3	85.8	89.2	91.1	93.9	94.0	95.3	95.5	95.5	95.6	96.1	96.1	96.1	96.1	96.3	97.7
GE 600	67.3	85.8	89.2	91.1	93.9	94.0	95.3	95.5	95.5	95.6	96.1	96.1	96.1	96.1	96.3	97.7
GE 500	67.3	85.8	89.2	91.1	93.9	94.0	95.3	95.5	95.5	95.6	96.1	96.1	96.1	96.1	96.3	97.7
GE 400	67.3	85.8	89.2	91.1	94.0	94.2	95.5	95.6	95.6	95.8	96.3	96.3	96.3	96.3	96.5	97.9
GE 300	67.3	85.8	89.2	91.1	94.0	94.2	95.5	95.6	95.6	95.8	96.5	96.5	96.5	96.5	96.6	98.1
GE 200	67.3	85.8	89.2	91.1	94.0	94.2	95.5	95.6	95.6	95.8	96.5	96.5	96.8	96.8	97.1	99.7
GE 100	67.3	85.8	89.2	91.1	94.0	94.2	95.5	95.6	95.6	95.8	96.5	96.5	96.8	96.8	97.3	100.0
GE 0	67.3	85.8	89.2	91.1	94.0	94.2	95.5	95.6	95.6	95.8	96.5	96.5	96.8	96.8	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 620

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	44.0	50.5	52.0	52.6	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.3	53.3
GE 20000	50.3	57.4	58.9	59.6	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	60.1	60.1	60.2	60.2
GE 18000	51.0	58.2	59.7	60.3	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.8	60.8	61.0	61.0
GE 16000	51.1	58.3	59.8	60.5	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	61.0	61.0	61.1	61.1
GE 14000	52.4	59.8	61.3	62.0	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.5	62.5	62.6	62.6
GE 12000	53.0	60.5	62.1	62.7	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.4	63.4
GE 10000	57.2	64.7	66.5	67.1	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.8	67.8
GE 9000	57.7	65.2	67.0	67.6	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.3	66.3
GE 8000	59.9	68.4	70.3	70.9	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.5	71.5
GE 7000	60.8	69.3	71.2	71.8	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.4	72.4
GE 6000	61.7	70.3	72.3	72.9	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.6	73.6
GE 5000	63.1	72.8	74.9	75.7	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.3	76.3
GE 4500	63.2	73.2	75.4	76.2	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.8	76.8
GE 4000	65.0	76.1	78.3	79.2	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.8	79.8
GE 3500	67.6	79.7	82.0	82.9	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.6	83.6
GE 3000	70.3	83.9	86.4	87.4	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.4	88.4
GE 2500	72.4	86.9	89.7	90.7	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.6	91.6	91.7	91.7
GE 2000	74.2	88.7	91.7	92.7	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.7	93.7
GE 1800	74.2	88.7	91.7	92.7	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.7	93.7
GE 1500	74.3	89.0	92.2	93.6	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.8	94.8
GE 1200	74.3	89.5	92.6	94.5	95.2	95.2	95.5	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.8	95.8
GE 1000	74.3	90.2	93.5	95.2	96.1	96.1	96.6	96.6	96.7	96.7	96.7	96.7	96.9	96.9	97.0	97.0
GE 900	74.3	90.2	93.5	95.2	96.1	96.1	96.6	96.6	96.7	96.7	96.7	96.7	96.9	96.9	97.0	97.0
GE 800	74.3	90.3	93.6	95.3	96.2	96.2	96.7	96.9	97.0	97.0	97.0	97.0	97.1	97.1	97.2	97.2
GE 700	74.3	90.3	93.6	95.6	96.5	96.5	97.0	97.1	97.2	97.2	97.2	97.2	97.5	97.5	97.6	97.6
GE 600	74.3	90.3	93.6	95.6	96.5	96.5	97.0	97.1	97.2	97.2	97.2	97.2	97.5	97.5	97.6	97.6
GE 500	74.3	90.3	93.6	95.6	96.5	96.5	97.0	97.1	97.2	97.2	97.2	97.2	97.5	97.5	97.6	97.6
GE 400	74.3	90.4	93.7	95.7	96.6	96.6	97.1	97.4	97.5	97.5	97.5	97.6	98.0	98.1	98.2	98.2
GE 300	74.3	90.4	93.7	95.7	96.7	96.7	97.2	97.5	98.0	98.2	98.2	98.4	98.7	98.9	99.0	99.0
GE 200	74.3	90.4	93.7	95.8	96.9	96.9	97.4	97.6	98.1	98.4	98.4	98.5	99.0	99.1	99.2	99.5
GE 100	74.3	90.4	93.7	95.8	96.9	96.9	97.4	97.6	98.1	98.4	98.4	98.5	99.1	99.2	99.4	99.9
GE 0	74.3	90.4	93.7	95.8	96.9	96.9	97.4	97.6	98.1	98.4	98.4	98.5	99.1	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 794

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	49.1	53.2	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 20000	58.2	62.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 18000	59.0	63.6	64.7	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
GE 16000	59.1	63.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 14000	59.9	64.5	65.5	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 12000	61.3	65.9	67.0	67.2	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 10000	64.3	69.2	70.3	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 9000	65.5	70.4	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
GE 8000	67.7	74.1	75.2	75.6	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 7000	68.1	74.6	75.7	76.1	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 6000	69.1	75.7	76.9	77.2	77.7	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 5000	69.8	76.9	78.0	78.4	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 4500	70.4	77.6	78.9	79.2	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 4000	72.5	80.4	81.6	82.0	82.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 3500	75.5	85.0	86.3	86.7	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 3000	78.5	89.2	91.1	91.4	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 2500	79.9	91.1	93.1	93.5	94.7	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 2000	80.4	92.5	94.5	94.8	96.4	96.5	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1800	80.4	92.7	94.7	95.1	96.6	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1500	80.6	93.5	95.8	96.4	97.9	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	80.6	93.6	96.0	96.6	98.1	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	80.8	94.0	96.5	97.1	98.7	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	80.8	94.0	96.5	97.1	98.7	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	80.8	94.0	96.6	97.2	98.9	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	80.8	94.0	96.6	97.2	98.9	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	80.8	94.0	96.6	97.2	98.9	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	80.8	94.0	96.6	97.2	98.9	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	80.9	94.2	96.9	97.5	99.1	99.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	80.9	94.2	96.9	97.5	99.1	99.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	80.9	94.2	96.9	97.5	99.1	99.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	80.9	94.2	96.9	97.5	99.1	99.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	80.9	94.2	96.9	97.5	99.1	99.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 795

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	50.3	54.9	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 20000	57.5	62.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 18000	57.6	63.1	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 16000	57.7	63.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 14000	58.8	64.5	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 12000	60.3	66.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 10000	63.4	69.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 9000	63.6	69.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 8000	66.5	73.4	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 7000	67.6	74.9	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 6000	68.4	76.0	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 5000	70.2	78.2	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
GE 4500	71.1	79.4	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 4000	73.6	82.1	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 3500	77.0	86.3	88.5	88.6	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	86.9
GE 3000	80.1	90.0	92.4	93.0	93.2	93.2	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 2500	81.2	91.9	94.9	95.4	95.8	95.8	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2000	81.7	93.2	96.2	96.7	97.3	97.3	97.4	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	96.0
GE 1800	81.7	93.2	96.2	96.7	97.3	97.3	97.4	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1500	81.7	93.5	96.5	97.2	97.7	97.7	97.8	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	81.8	93.8	96.7	97.4	98.0	98.1	98.2	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	96.8
GE 1000	81.8	94.0	97.3	98.0	98.5	98.6	98.8	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	81.8	94.0	97.3	98.0	98.5	98.6	98.8	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	81.8	94.0	97.3	98.0	98.5	98.6	98.8	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	81.8	94.0	97.3	98.0	98.5	98.6	98.8	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	81.8	94.0	97.3	98.0	98.5	98.6	98.8	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	81.8	94.0	97.3	98.0	98.5	98.6	98.9	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	81.8	94.0	97.3	98.0	98.5	98.6	98.9	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	81.8	94.0	97.3	98.1	98.6	98.8	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	81.8	94.0	97.3	98.1	98.6	98.8	99.1	99.5	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0
GE 100	81.8	94.0	97.3	98.1	98.6	98.8	99.1	99.5	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0
GE 0	81.9	94.0	97.3	98.1	98.6	98.8	99.1	99.5	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 738

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	47.1	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7
GE 20000	50.9	64.6	65.3	65.5	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.2
GE 18000	51.1	64.8	65.5	65.7	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.4
GE 16000	51.1	64.8	65.5	65.7	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.4
GE 14000	51.1	65.0	65.7	65.9	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.6
GE 12000	51.1	65.0	65.7	65.9	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.6
GE 10000	53.1	67.9	68.6	68.8	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.5
GE 9000	53.2	68.1	68.8	69.0	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.7
GE 8000	55.2	70.6	71.3	71.5	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.2
GE 7000	56.0	72.2	72.9	73.1	73.6	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	74.0
GE 6000	56.5	73.8	74.5	74.7	75.3	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6
GE 5000	57.8	75.5	76.2	76.4	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.3
GE 4500	59.0	77.6	78.3	78.5	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.4
GE 4000	60.5	80.1	80.9	81.0	81.6	81.6	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.3
GE 3500	62.8	83.8	84.5	84.7	85.2	85.2	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.9
GE 3000	64.1	86.5	87.2	87.4	87.9	87.9	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.6
GE 2500	65.3	89.2	90.6	91.0	92.2	92.2	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.0
GE 2000	66.1	90.4	91.9	92.2	93.5	93.5	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.2
GE 1800	66.1	90.6	92.1	92.4	93.7	93.7	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.4
GE 1500	66.2	91.2	92.6	93.0	94.2	94.2	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9
GE 1200	66.4	92.4	93.9	94.4	95.7	95.7	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.4
GE 1000	66.4	93.5	95.1	95.7	96.9	96.9	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.7
GE 900	66.6	94.2	95.8	96.4	97.7	97.7	97.8	98.2	98.2	98.2	98.2	98.2	98.2	96.2	98.2	98.4
GE 800	66.6	94.2	95.8	96.4	97.7	97.7	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.4
GE 700	66.6	94.2	95.8	96.4	97.7	97.7	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.4
GE 600	66.6	94.4	96.0	96.6	97.8	97.8	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6
GE 500	66.6	94.4	96.0	96.6	97.8	97.8	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6
GE 400	66.6	94.4	96.0	96.6	97.8	97.8	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6
GE 300	66.6	94.4	96.0	96.6	97.8	97.8	98.0	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.9
GE 200	66.6	94.4	96.0	96.6	97.8	97.8	98.0	98.4	98.4	98.7	98.9	99.1	99.3	99.3	99.3	100.0
GE 100	66.6	94.4	96.0	96.6	97.8	97.8	98.0	98.4	98.4	98.7	98.9	99.1	99.3	99.3	99.3	100.0
GE 0	66.6	94.4	96.0	96.6	97.8	97.8	98.0	98.4	98.4	98.7	98.9	99.1	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 554

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	49.6	62.3	62.6	62.6	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	63.0
GE 20000	52.1	66.5	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.2
GE 18000	52.5	66.9	67.2	67.2	67.2	67.2	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.6
GE 16000	52.5	66.9	67.2	67.2	67.2	67.2	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.6
GE 14000	52.5	66.9	67.2	67.2	67.2	67.2	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.6
GE 12000	52.7	67.0	67.4	67.4	67.4	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.8
GE 10000	54.0	69.0	69.3	69.3	69.3	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.7
GE 9000	54.0	69.0	69.3	69.3	69.3	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.7
GE 8000	54.8	70.3	70.7	70.7	70.7	70.7	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.1
GE 7000	56.3	72.2	72.6	72.6	72.6	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.0
GE 6000	57.5	74.5	74.9	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.3
GE 5000	58.4	75.9	76.2	76.4	76.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.8
GE 4500	60.3	78.7	79.1	79.3	79.3	79.3	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.9
GE 4000	63.4	83.0	83.3	83.5	83.5	83.5	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.1
GE 3500	64.4	84.9	85.2	85.4	85.6	85.6	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.2
GE 3000	65.7	88.5	88.9	89.1	89.3	89.3	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8
GE 2500	67.2	90.6	91.0	91.2	91.4	91.4	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1
GE 2000	68.0	92.0	92.3	92.5	92.7	92.7	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.5
GE 1800	68.0	92.0	92.3	92.5	92.7	92.7	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.5
GE 1500	68.0	92.7	93.1	93.3	93.5	93.5	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.3
GE 1200	68.0	94.6	95.0	95.4	96.0	96.0	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7
GE 1000	68.0	94.6	95.0	95.4	96.2	96.2	96.4	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9	97.1
GE 900	68.0	95.2	95.6	96.0	96.7	96.7	96.9	97.3	97.3	97.3	97.5	97.5	97.5	97.7	97.7	97.9
GE 800	68.2	95.4	95.8	96.2	96.9	96.9	97.1	97.5	97.5	97.5	97.7	97.7	97.7	97.9	97.9	98.1
GE 700	68.2	95.4	95.8	96.2	96.9	96.9	97.1	97.5	97.5	97.5	97.7	97.7	97.7	97.9	97.9	98.1
GE 600	68.2	95.4	95.8	96.2	96.9	96.9	97.1	97.5	97.5	97.5	97.7	97.7	97.7	97.9	97.9	98.1
GE 500	68.2	95.4	95.8	96.2	96.9	96.9	97.1	97.7	97.7	97.7	97.9	97.9	97.9	98.1	98.1	98.3
GE 400	68.2	95.4	95.8	96.2	96.9	96.9	97.1	97.7	97.7	97.9	98.1	98.1	98.1	98.3	98.3	98.5
GE 300	68.2	95.4	95.8	96.2	96.9	96.9	97.3	97.9	97.9	98.1	98.3	98.3	98.3	98.5	98.5	98.7
GE 200	68.2	95.4	95.8	96.2	96.9	96.9	97.3	97.9	97.9	98.3	98.5	98.5	98.5	98.7	98.7	99.4
GE 100	68.2	95.4	95.8	96.2	96.9	96.9	97.3	97.9	97.9	98.3	98.5	98.5	98.5	98.7	98.7	100.0
GE 0	68.2	95.4	95.8	96.2	96.9	96.9	97.3	97.9	97.9	98.3	98.5	98.5	98.5	98.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 522

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	47.5	54.8	55.7	56.0	56.2	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.5	56.5	56.5	56.7
GE 20000	53.4	61.6	62.7	63.0	63.3	63.3	63.5	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.8
GE 18000	53.9	62.2	63.3	63.6	63.8	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.4
GE 16000	54.0	62.3	63.4	63.7	64.0	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.5
GE 14000	54.7	63.1	64.2	64.5	64.7	64.8	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1	65.3
GE 12000	55.5	64.0	65.2	65.4	65.7	65.7	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.3
GE 10000	58.1	66.8	68.1	68.4	68.7	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.3
GE 9000	58.5	67.4	68.7	69.0	69.3	69.3	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.9
GE 8000	60.5	70.2	71.6	71.9	72.3	72.3	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.7	72.9
GE 7000	61.3	71.3	72.7	73.0	73.4	73.4	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8	74.0
GE 6000	62.3	72.8	74.2	74.6	75.0	75.0	75.2	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.7
GE 5000	63.7	74.7	76.2	76.6	77.0	77.1	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.5	77.7
GE 4500	64.6	76.1	77.6	78.0	78.4	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	79.2
GE 4000	66.5	78.9	80.4	80.9	81.3	81.4	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.9	82.2
GE 3500	68.9	82.5	84.2	84.7	85.2	85.2	85.5	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	86.0
GE 3000	71.3	86.2	88.1	88.7	89.4	89.4	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	90.0	90.3
GE 2500	72.7	88.5	90.6	91.3	92.1	92.2	92.5	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	93.1
GE 2000	73.7	90.0	92.2	92.9	93.9	93.9	94.3	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.7	94.9
GE 1800	73.7	90.2	92.4	93.1	94.1	94.1	94.4	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	95.1
GE 1500	73.9	90.8	93.1	93.9	95.0	95.1	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.8	96.1
GE 1200	73.9	91.5	93.9	94.9	96.0	96.1	96.4	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.9	97.1
GE 1000	74.0	91.9	94.5	95.5	96.7	96.8	97.2	97.4	97.5	97.5	97.6	97.6	97.7	97.7	97.7	98.0
GE 900	74.0	92.1	94.7	95.7	97.0	97.1	97.5	97.7	97.7	97.8	97.9	97.9	97.9	98.0	98.0	98.3
GE 800	74.0	92.2	94.8	95.8	97.1	97.2	97.6	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.2	98.4
GE 700	74.0	92.2	94.8	95.8	97.1	97.2	97.7	97.9	97.9	98.0	98.1	98.1	98.2	98.2	98.2	98.5
GE 600	74.0	92.2	94.8	95.9	97.2	97.3	97.7	97.9	98.0	98.0	98.1	98.1	98.2	98.2	98.3	98.5
GE 500	74.0	92.2	94.8	95.9	97.2	97.3	97.7	98.0	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.6
GE 400	74.0	92.3	94.9	95.9	97.3	97.4	97.8	98.1	98.1	98.3	98.4	98.4	98.5	98.5	98.6	98.9
GE 300	74.0	92.3	94.9	96.0	97.3	97.4	97.9	98.2	98.3	98.5	98.7	98.7	98.8	98.8	98.9	99.1
GE 200	74.0	92.3	94.9	96.0	97.3	97.4	97.9	98.2	98.3	98.6	98.7	98.8	99.0	99.1	99.1	99.8
GE 100	74.0	92.3	94.9	96.0	97.3	97.4	97.9	98.2	98.3	98.6	98.7	98.8	99.0	99.1	99.2	100.0
GE 0	74.0	92.3	94.9	96.0	97.3	97.4	97.9	98.2	98.3	98.6	98.7	98.8	99.0	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 4023

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	36.5	45.6	47.7	47.7	48.4	48.9	49.3	49.8	49.8	49.8	50.2	50.2	51.1	51.2	51.6	51.9
GE 20000	40.2	49.6	51.8	52.1	52.8	53.3	53.7	54.2	54.2	54.2	54.6	54.6	55.4	55.6	56.0	56.5
GE 18000	40.9	50.5	52.6	53.0	53.7	54.2	54.6	55.1	55.1	55.1	55.4	55.4	56.3	56.5	56.8	57.4
GE 16000	41.1	50.7	52.8	53.2	53.9	54.4	54.7	55.3	55.3	55.3	55.6	55.6	56.5	56.7	57.0	57.5
GE 14000	42.8	52.6	54.9	55.3	56.0	56.5	56.8	57.4	57.4	57.4	57.7	57.7	58.6	58.8	59.1	59.6
GE 12000	44.0	54.2	56.3	56.7	57.4	57.9	58.2	58.8	58.8	58.8	59.1	59.1	60.0	60.2	60.5	61.1
GE 10000	46.7	57.0	59.5	59.8	60.7	61.2	61.6	62.1	62.1	62.1	62.5	62.5	63.3	63.5	63.9	64.4
GE 9000	46.7	57.0	59.5	59.8	60.7	61.2	61.6	62.1	62.1	62.1	62.5	62.5	63.3	63.5	63.9	64.4
GE 8000	46.8	57.5	60.0	60.4	61.2	61.9	62.3	62.8	62.8	62.8	63.2	63.2	64.0	64.2	64.6	65.3
GE 7000	47.0	57.7	60.2	60.5	61.4	62.1	62.5	63.0	63.0	63.0	63.3	63.3	64.2	64.4	64.7	65.6
GE 6000	47.7	58.4	60.9	61.2	62.1	62.8	63.2	63.7	63.7	63.7	64.2	64.2	65.1	65.3	65.6	66.5
GE 5000	50.5	61.6	64.2	64.6	65.4	66.1	66.5	67.0	67.0	67.0	67.5	67.5	68.4	68.6	69.1	70.0
GE 4500	51.9	63.7	66.3	66.7	67.5	68.2	68.6	69.1	69.1	69.1	69.6	69.6	70.5	70.7	71.2	72.1
GE 4000	52.8	65.4	68.1	68.4	69.3	70.0	70.4	70.9	70.9	70.9	71.4	71.4	72.3	72.5	73.0	73.9
GE 3500	54.7	67.4	70.0	70.4	71.2	71.9	72.3	72.8	72.8	72.8	73.3	73.3	74.2	74.4	74.9	75.8
GE 3000	56.7	71.4	74.4	74.7	75.6	76.3	76.7	77.2	77.2	77.2	77.7	77.7	78.6	78.8	79.3	80.2
GE 2500	58.6	74.2	77.9	78.2	79.1	79.8	80.4	80.9	80.9	80.9	81.4	81.4	82.3	82.5	83.0	83.9
GE 2000	59.8	76.1	80.2	80.9	81.8	82.5	83.0	83.5	83.5	83.5	84.0	84.0	85.1	85.3	85.8	86.7
GE 1800	60.0	76.3	80.4	81.1	81.9	82.6	83.2	83.7	83.7	83.7	84.2	84.2	85.3	85.4	86.0	86.8
GE 1500	60.2	76.5	80.5	81.8	82.6	83.3	83.9	84.4	84.4	84.4	84.9	84.9	86.0	86.1	86.7	87.5
GE 1200	60.2	76.5	80.7	82.1	83.2	83.9	84.4	85.1	85.1	85.1	85.6	85.6	86.7	86.8	87.4	88.2
GE 1000	60.2	76.7	80.9	82.5	83.5	84.2	84.7	85.4	85.4	85.4	86.0	86.0	87.0	87.2	87.7	88.6
GE 900	60.2	76.8	81.2	82.8	84.0	84.7	85.3	86.0	86.0	86.0	86.5	86.5	87.5	87.7	88.2	89.1
GE 800	60.2	77.0	81.9	83.5	84.7	85.4	86.0	86.7	86.7	86.7	87.2	87.2	88.2	88.4	88.9	89.8
GE 700	60.2	77.0	81.9	83.5	84.7	85.4	86.0	86.7	86.7	86.7	87.2	87.2	88.2	88.4	88.9	89.8
GE 600	60.5	77.5	82.5	84.0	85.3	86.0	86.5	87.4	87.4	87.4	87.9	87.9	88.9	89.1	89.6	90.5
GE 500	60.5	77.9	83.0	84.7	86.5	87.2	87.7	88.6	88.6	88.6	89.1	89.1	90.2	90.4	90.9	91.8
GE 400	60.5	77.9	83.2	84.9	86.7	87.4	87.9	88.8	88.9	88.9	89.5	89.5	90.5	90.7	91.2	92.8
GE 300	60.5	78.1	83.3	85.1	86.8	87.5	88.2	89.3	89.5	90.2	90.9	90.9	92.3	92.8	93.3	96.0
GE 200	60.5	78.1	83.7	85.4	87.2	87.9	88.6	89.6	89.8	90.5	91.2	91.2	92.6	93.3	94.0	96.2
GE 100	60.5	78.1	83.7	85.4	87.2	87.9	88.6	89.6	89.8	90.5	91.2	91.2	92.8	93.5	94.4	99.6
GE 0	60.5	78.1	83.7	85.4	87.2	87.9	88.6	89.6	89.8	90.5	91.2	91.2	92.8	93.5	94.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 570

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	43.0	49.7	51.3	51.6	52.2	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.9
GE 20000	49.7	56.4	58.2	59.6	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.5	60.5	60.5	60.9
GE 18000	49.3	57.0	58.6	60.1	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	61.1	61.1	61.1	61.5
GE 16000	49.5	57.3	59.0	60.4	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.3	61.3	61.3	61.7
GE 14000	50.3	58.3	60.4	61.7	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.7	62.7	62.7	63.1
GE 12000	51.8	60.1	62.3	63.6	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.9	64.9	64.9	65.3
GE 10000	54.1	62.7	64.9	66.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.6	67.6	67.6	68.0
GE 9000	54.1	62.7	64.9	66.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.6	67.6	67.6	68.0
GE 8000	56.4	65.4	67.6	68.9	70.0	70.0	70.1	70.3	70.3	70.3	70.3	70.3	70.6	70.6	70.6	71.0
GE 7000	56.7	65.8	68.0	69.3	70.4	70.4	70.6	70.7	70.7	70.7	70.7	70.7	71.0	71.0	71.0	71.4
GE 6000	57.5	67.3	69.5	70.8	71.9	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.5	72.5	72.5	72.9
GE 5000	59.2	69.3	71.5	72.9	73.9	73.9	74.2	74.4	74.4	74.4	74.4	74.4	74.6	74.6	74.6	75.0
GE 4500	60.8	71.2	73.4	74.8	75.8	75.8	76.1	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.9
GE 4000	63.2	75.2	77.3	78.8	80.1	80.2	80.5	80.6	80.6	80.6	80.6	80.6	80.9	80.9	80.9	81.3
GE 3500	64.7	77.6	79.8	81.4	82.6	82.8	83.0	83.2	83.2	83.2	83.2	83.2	83.4	83.4	83.4	83.9
GE 3000	66.1	80.2	82.6	84.4	85.6	85.9	86.2	86.3	86.3	86.3	86.3	86.3	86.6	86.6	86.6	87.0
GE 2500	67.8	82.6	85.2	87.0	88.2	88.5	88.7	88.9	88.9	88.9	88.9	88.9	89.1	89.1	89.1	89.6
GE 2000	68.8	84.3	86.8	88.6	89.8	90.1	90.4	90.5	90.5	90.6	90.6	90.6	91.0	91.0	91.0	91.5
GE 1800	68.9	84.5	87.1	88.9	90.1	90.4	90.6	90.8	90.8	91.0	91.0	91.0	91.5	91.5	91.5	91.9
GE 1500	69.2	84.9	87.5	89.4	90.6	90.9	91.2	91.3	91.5	91.7	91.7	91.7	92.1	92.3	92.3	92.7
GE 1200	69.3	85.3	88.5	90.5	91.9	92.3	92.5	92.7	92.8	93.1	93.1	93.1	93.5	93.6	93.6	94.0
GE 1000	69.3	85.6	88.9	90.9	92.3	92.7	92.9	93.1	93.2	93.5	93.5	93.5	93.9	94.0	94.0	94.6
GE 900	69.3	85.8	89.0	91.0	92.4	92.6	93.1	93.2	93.4	93.6	93.6	93.6	94.0	94.2	94.2	94.7
GE 800	69.5	86.0	89.4	91.5	92.8	93.2	93.5	93.6	93.8	94.0	94.0	94.0	94.4	94.6	94.6	95.1
GE 700	69.5	86.0	89.4	91.5	92.8	93.2	93.6	93.8	93.9	94.2	94.2	94.2	94.6	94.7	94.7	95.3
GE 600	69.6	86.4	90.0	92.0	93.5	93.9	94.4	94.7	94.8	95.1	95.1	95.1	95.5	95.7	95.7	96.2
GE 500	69.6	86.4	90.1	92.1	93.8	94.3	95.0	95.3	95.4	95.9	95.9	95.9	96.3	96.5	96.5	97.0
GE 400	69.6	86.7	90.4	92.4	94.0	94.6	95.3	95.9	96.1	96.6	96.7	96.7	97.2	97.3	97.3	97.8
GE 300	69.6	86.7	90.4	92.4	94.0	94.6	95.4	96.2	96.3	96.9	97.0	97.0	97.7	97.8	97.8	98.6
GE 200	69.6	86.7	90.5	92.5	94.2	94.7	95.5	96.5	96.6	97.2	97.4	97.6	98.2	98.4	98.4	99.6
GE 100	69.6	86.7	90.5	92.5	94.2	94.7	95.5	96.5	96.6	97.2	97.4	97.6	98.5	98.6	98.8	100.0
GE 0	69.6	86.7	90.5	92.5	94.2	94.7	95.5	96.5	96.6	97.2	97.4	97.6	98.5	98.6	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 737

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	49.7	55.4	56.5	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 20000	58.3	65.9	66.9	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 18000	58.7	66.4	67.5	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 16000	59.3	67.1	68.2	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 14000	60.3	68.0	69.1	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 12000	61.9	69.8	70.9	71.0	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 10000	64.1	72.0	73.0	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 9000	64.2	72.1	73.2	73.7	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	67.8	75.9	77.1	77.8	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 7000	68.4	76.6	77.8	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 6000	68.7	77.2	78.9	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 5000	70.3	79.3	81.0	82.0	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	71.1	80.4	82.1	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 4000	72.8	83.1	85.0	86.0	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 3500	75.1	85.8	87.9	89.2	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 3000	76.8	88.6	90.9	92.3	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 2500	77.9	90.1	92.5	93.9	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 2000	78.5	91.1	93.8	95.1	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1800	78.6	91.3	94.0	95.4	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1500	78.9	92.1	94.9	96.2	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1200	78.9	93.0	96.1	97.4	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	78.9	93.2	96.3	97.7	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	78.9	93.5	96.6	98.0	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	78.9	93.6	96.7	98.1	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	78.9	93.6	96.7	98.1	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	78.9	93.6	96.7	98.1	99.2	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	78.9	93.6	96.7	98.1	99.2	99.2	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	78.9	93.6	96.7	98.1	99.2	99.2	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	78.9	93.6	96.7	98.1	99.2	99.2	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	78.9	93.6	96.7	98.1	99.2	99.2	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	78.9	93.6	96.7	98.1	99.2	99.2	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	78.9	93.6	96.7	98.1	99.2	99.2	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 738

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	46.4	51.2	52.1	52.3	52.6	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 20000	57.4	63.6	64.8	65.3	65.5	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 18000	58.5	65.0	66.1	66.6	66.9	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 16000	59.0	65.4	66.6	67.0	67.3	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 14000	60.6	67.2	68.3	68.8	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 12000	61.3	68.2	69.3	69.8	70.1	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 10000	64.4	72.0	73.4	73.9	74.2	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 9000	64.8	72.7	74.2	74.6	74.9	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 8000	67.0	75.0	76.5	76.9	77.2	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 7000	68.2	76.2	77.8	78.2	78.5	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 6000	69.1	77.4	79.0	79.4	79.7	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 5000	71.7	80.7	82.6	83.2	83.6	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 4500	72.7	81.9	83.9	84.4	84.8	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 4000	73.9	83.4	85.7	86.1	86.7	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 3500	75.8	85.5	88.0	88.5	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 3000	77.5	87.9	90.8	91.4	92.0	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 2500	78.0	89.1	92.0	92.7	93.3	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 2000	78.4	90.1	93.1	94.3	94.9	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1800	78.5	90.4	93.4	94.6	95.2	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1500	78.5	90.7	93.7	94.9	95.5	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1200	79.7	91.4	94.5	95.6	96.5	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1000	79.7	91.8	94.9	96.1	96.9	97.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 900	78.7	92.0	95.0	96.5	97.4	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	78.7	92.0	95.0	96.5	97.4	97.5	97.7	97.8	97.8	97.8	97.8	97.6	97.8	97.8	97.8	97.6
GE 700	78.7	92.0	95.0	96.5	97.5	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 600	78.7	92.0	95.0	96.5	97.5	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 500	78.8	92.1	95.2	96.6	97.8	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	78.8	92.1	95.2	96.6	97.8	98.0	98.1	98.4	98.4	98.4	98.5	98.5	98.5	98.7	98.7	98.7
GE 300	78.8	92.1	95.2	96.6	97.8	98.0	98.1	98.4	98.4	98.4	98.8	98.8	99.0	99.0	99.1	99.1
GE 200	78.8	92.1	95.2	96.6	97.8	98.0	98.1	98.4	98.4	98.4	98.8	99.1	99.6	99.6	99.7	99.7
GE 100	78.8	92.1	95.2	96.6	97.8	98.0	98.1	98.4	98.4	98.4	99.0	99.3	99.9	99.9	100.0	100.0
GE 0	78.8	92.1	95.2	96.6	97.8	98.0	98.1	98.4	98.4	98.4	99.0	99.3	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 695

GLOBAL CLIMATOLOGY BRANCH
SAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
0 CEIL	46.0	54.4	55.4	55.6	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 20000	60.2	59.6	60.6	61.2	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 18000	61.5	61.3	62.3	62.9	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 16000	61.9	61.7	62.7	63.3	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 14000	62.9	63.1	64.0	64.6	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 12000	63.5	64.6	65.6	66.2	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 10000	67.3	68.8	70.2	70.8	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 9000	67.3	69.4	70.8	71.3	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 8000	68.3	71.0	72.3	72.9	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 7000	68.5	71.5	73.1	73.7	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 6000	69.6	72.9	74.4	75.0	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 5000	61.7	75.6	77.5	78.1	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 4500	62.5	76.7	78.7	79.2	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 4000	62.9	77.5	79.4	80.0	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 3500	63.8	79.2	81.7	82.3	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 3000	66.3	83.5	86.0	86.7	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 2500	66.9	86.0	88.5	89.2	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 2000	67.7	87.5	90.0	90.6	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1800	67.7	87.7	90.2	91.0	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 1500	68.1	88.5	91.2	92.1	92.5	92.5	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1200	68.5	89.4	92.5	93.5	93.8	93.8	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1000	68.5	89.4	92.7	93.7	94.0	94.0	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 900	68.5	89.6	92.9	93.8	94.4	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 800	68.5	90.0	93.3	94.4	95.0	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 700	68.5	90.2	93.5	94.6	95.2	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 600	68.5	90.2	93.7	94.8	95.4	95.4	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 500	68.5	90.2	93.8	95.0	95.6	95.8	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 400	68.5	90.2	94.0	95.2	96.0	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 300	68.7	90.4	94.2	95.4	96.3	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.3	97.3	97.3	97.7
GE 200	68.7	90.4	94.2	95.4	96.3	96.7	96.9	97.1	97.3	97.3	97.3	97.3	97.7	97.7	97.7	98.8
GE 100	68.7	90.4	94.2	95.4	96.3	96.7	96.9	97.1	97.3	97.3	97.3	97.3	97.9	97.9	98.1	99.6
GE 0	68.7	90.4	94.2	95.4	96.3	96.7	96.9	97.1	97.3	97.3	97.3	97.3	97.9	97.9	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 520

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	46.6	56.6	57.3	57.3	58.1	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.7	58.7	58.7	59.3
GE 20000	50.5	61.6	62.2	62.2	63.0	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.6	63.6	63.6	64.2
GE 18000	50.7	61.8	62.4	62.4	63.6	63.6	63.6	63.8	63.8	63.8	63.8	63.8	64.2	64.2	64.4	65.0
GE 16000	51.3	62.4	63.0	63.0	64.2	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.8	64.8	65.0	65.6
GE 14000	51.5	63.6	64.2	64.2	65.4	65.4	65.4	65.6	65.6	65.6	65.6	65.6	66.1	66.1	66.3	66.9
GE 12000	52.8	65.4	66.3	66.3	67.5	67.5	67.5	67.7	67.7	67.7	67.7	67.7	68.1	68.1	68.3	66.9
GE 10000	55.0	67.9	68.7	68.7	69.9	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.6	70.6	70.8	71.4
GE 9000	55.0	67.9	68.7	68.7	69.9	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.6	70.6	70.8	71.4
GE 8000	55.6	68.9	69.7	69.7	71.0	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.6	71.6	71.8	72.4
GE 7000	55.6	69.7	70.6	70.6	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.4	72.4	72.6	73.2
GE 6000	58.1	72.2	73.0	73.0	74.2	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.8	74.8	75.1	75.7
GE 5000	59.7	73.8	74.6	74.6	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.5	76.5	76.7	77.3
GE 4500	59.7	74.6	75.5	75.5	76.7	76.7	76.7	76.9	76.9	76.9	76.9	76.9	77.3	77.3	77.5	78.1
GE 4000	61.3	77.5	78.3	78.3	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8	80.2	80.2	80.4	81.0
GE 3500	62.8	78.9	79.8	79.8	81.0	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.6	81.6	81.8	82.4
GE 3000	64.8	83.0	85.1	85.3	86.5	86.5	86.5	86.7	86.7	86.7	86.7	86.7	87.1	87.1	87.3	87.9
GE 2500	66.7	85.5	87.7	88.1	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	90.0	90.0	90.2	90.8
GE 2000	66.7	86.7	89.0	89.4	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	91.2	91.2	91.4	92.0
GE 1800	66.7	86.7	89.2	89.6	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.4	91.4	91.6	92.2
GE 1500	66.7	87.1	89.8	90.2	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	92.0	92.0	92.2	92.8
GE 1200	67.5	88.5	91.6	92.0	93.3	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.9	93.9	94.1	94.7
GE 1000	67.5	88.8	92.2	92.6	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.5	94.5	94.7	95.3
GE 900	67.5	89.2	92.6	93.0	94.3	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.9	94.9	95.1	95.7
GE 800	67.5	89.2	92.6	93.0	94.3	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.9	94.9	95.1	95.7
GE 700	67.5	89.2	92.6	93.0	94.3	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.9	94.9	95.1	95.7
GE 600	67.5	89.2	93.5	93.9	95.1	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.7	95.7	95.9	96.5
GE 500	67.5	89.2	93.5	93.9	95.1	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.7	95.7	95.9	96.5
GE 400	67.5	89.2	93.5	93.9	95.1	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.7	95.7	95.9	96.7
GE 300	67.5	89.2	93.5	93.9	95.1	95.1	95.1	95.5	95.5	95.7	95.7	95.7	96.1	96.1	96.3	98.0
GE 200	67.5	89.2	93.5	93.9	95.1	95.1	95.1	95.5	95.5	96.1	96.1	96.1	96.5	96.5	96.9	99.4
GE 100	67.5	89.2	93.5	93.9	95.1	95.1	95.1	95.5	95.5	96.1	96.1	96.1	96.5	96.5	97.5	100.0
GE 0	67.5	89.2	93.5	93.9	95.1	95.1	95.1	95.5	95.5	96.1	96.1	96.1	96.5	96.5	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 489

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	44.9	52.0	53.3	53.5	53.9	54.0	54.1	54.2	54.2	54.2	54.3	54.3	54.5	54.5	54.6	54.8
GE 20000	51.3	59.7	61.0	61.5	62.0	62.1	62.2	62.3	62.3	62.3	62.4	62.4	62.6	62.6	62.7	62.9
GE 18000	52.0	60.6	61.9	62.4	62.9	63.0	63.1	63.2	63.2	63.2	63.3	63.3	63.5	63.5	63.6	63.9
GE 16000	52.5	61.0	62.3	62.8	63.3	63.4	63.5	63.7	63.7	63.7	63.7	63.7	63.9	64.0	64.1	64.3
GE 14000	53.5	62.4	63.7	64.2	64.7	64.9	64.9	65.1	65.1	65.1	65.2	65.2	65.4	65.4	65.5	65.7
GE 12000	54.7	63.9	65.3	65.8	66.4	66.5	66.6	66.8	66.8	66.8	66.8	66.8	67.1	67.1	67.2	67.4
GE 10000	57.4	66.9	68.5	69.1	69.7	69.8	69.9	70.0	70.0	70.0	70.1	70.1	70.3	70.3	70.4	70.7
GE 9000	57.5	67.1	68.7	69.3	69.9	70.0	70.1	70.3	70.3	70.3	70.3	70.3	70.6	70.6	70.7	70.9
GE 8000	59.3	69.3	70.9	71.5	72.1	72.3	72.4	72.5	72.5	72.5	72.6	72.6	72.8	72.9	72.9	73.2
GE 7000	59.7	69.9	71.6	72.2	72.8	73.0	73.1	73.2	73.2	73.2	73.3	73.3	73.5	73.5	73.6	73.9
GE 6000	60.7	71.2	72.9	73.5	74.2	74.3	74.4	74.6	74.6	74.6	74.6	74.6	74.9	74.9	75.0	75.3
GE 5000	62.8	73.7	75.6	76.3	76.9	77.1	77.2	77.4	77.4	77.4	77.5	77.5	77.7	77.7	77.8	78.1
GE 4500	63.8	75.0	77.0	77.7	78.4	78.6	78.7	78.8	78.8	78.8	78.9	78.9	79.2	79.2	79.3	79.6
GE 4000	65.2	77.4	79.4	80.1	80.9	81.1	81.2	81.4	81.4	81.4	81.5	81.5	81.7	81.7	81.8	82.1
GE 3500	66.9	79.5	81.7	82.5	83.3	83.4	83.6	83.8	83.8	83.8	83.8	83.8	84.1	84.1	84.2	84.5
GE 3000	68.7	82.7	85.3	86.2	87.1	87.2	87.4	87.6	87.6	87.6	87.6	87.6	87.9	87.9	88.0	88.3
GE 2500	70.0	84.8	87.6	88.5	89.4	89.6	89.8	89.9	89.9	89.9	90.0	90.0	90.3	90.3	90.4	90.7
GE 2000	70.7	86.2	89.1	90.2	91.0	91.2	91.5	91.6	91.6	91.7	91.7	91.7	92.0	92.1	92.2	92.5
GE 1800	70.8	86.4	89.3	90.4	91.3	91.5	91.7	91.9	91.9	91.9	92.0	92.0	92.3	92.4	92.5	92.8
GE 1500	71.0	86.9	89.8	91.1	91.9	92.1	92.4	92.6	92.6	92.7	92.8	92.8	93.0	93.1	93.2	93.5
GE 1200	71.2	87.6	90.9	92.1	93.2	93.4	93.6	93.8	93.9	93.9	94.0	94.0	94.3	94.4	94.5	94.8
GE 1000	71.2	87.8	91.2	92.5	93.5	93.7	94.0	94.2	94.2	94.3	94.4	94.4	94.7	94.7	94.8	95.2
GE 900	71.2	88.0	91.4	92.8	93.9	94.1	94.4	94.6	94.6	94.7	94.7	94.7	95.0	95.1	95.2	95.5
GE 800	71.2	88.2	91.7	93.1	94.2	94.4	94.7	94.9	94.9	94.9	95.0	95.0	95.3	95.4	95.5	95.8
GE 700	71.2	88.2	91.7	93.1	94.2	94.4	94.7	94.9	95.0	95.0	95.1	95.1	95.4	95.5	95.6	95.9
GE 600	71.3	88.4	92.1	93.4	94.6	94.8	95.1	95.4	95.5	95.5	95.6	95.6	95.9	95.9	96.0	96.4
GE 500	71.3	88.5	92.2	93.6	94.9	95.2	95.5	95.8	95.9	96.0	96.1	96.1	96.4	96.4	96.5	96.9
GE 400	71.3	88.5	92.3	93.7	95.0	95.3	95.6	96.0	96.1	96.2	96.4	96.4	96.7	96.7	96.9	97.3
GE 300	71.3	88.6	92.4	93.8	95.1	95.4	95.8	96.3	96.3	96.6	96.8	96.8	97.3	97.4	97.5	98.4
GE 200	71.3	88.6	92.5	93.9	95.2	95.5	95.9	96.4	96.5	96.8	97.1	97.1	97.7	97.8	98.0	99.4
GE 100	71.3	88.6	92.5	93.9	95.2	95.5	95.9	96.4	96.5	96.8	97.1	97.2	97.8	98.0	98.3	99.9
GE 0	71.3	88.6	92.5	93.9	95.2	95.5	95.9	96.4	96.5	96.8	97.1	97.2	97.8	98.0	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 2739

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	40.5	44.5	44.8	45.4	45.7	45.7	46.1	46.1	46.2	46.4	46.4	46.5	46.8	47.0	47.0	47.4
GE 20000	42.5	46.7	47.1	47.8	48.1	48.1	48.7	48.7	48.8	49.0	49.0	49.1	49.5	49.6	49.6	50.1
GE 18000	43.1	47.3	47.8	48.4	48.7	48.7	49.3	49.3	49.5	49.6	49.6	49.8	50.1	50.2	50.2	50.7
GE 16000	43.1	47.3	47.8	48.4	48.7	48.7	49.3	49.3	49.5	49.6	49.6	49.8	50.1	50.2	50.2	50.7
GE 14000	44.0	48.2	48.8	49.6	49.9	49.9	50.5	50.5	50.7	50.9	50.9	51.0	51.3	51.5	51.5	51.9
GE 12000	45.1	49.5	50.1	50.9	51.2	51.3	51.9	51.9	52.1	52.4	52.4	52.6	52.9	53.0	53.0	53.5
GE 10000	48.1	52.4	53.0	53.8	54.1	54.3	54.9	54.9	55.0	55.3	55.3	55.5	55.8	56.0	56.0	56.4
GE 9000	49.4	52.7	53.3	54.1	54.4	54.6	55.2	55.2	55.3	55.6	55.6	55.8	56.1	56.3	56.3	56.7
GE 8000	49.5	54.3	54.9	55.6	56.0	56.1	56.7	56.7	56.9	57.2	57.2	57.3	57.7	57.8	57.8	56.3
GE 7000	49.5	54.4	55.0	55.8	56.1	56.3	56.9	56.9	57.0	57.3	57.3	57.5	57.8	58.0	58.0	58.4
GE 6000	50.4	55.6	56.3	57.0	57.3	57.5	58.1	58.1	58.3	58.6	58.6	58.7	59.0	59.2	59.2	59.7
GE 5000	51.8	58.3	58.9	59.7	60.0	60.1	60.7	60.7	60.9	61.2	61.2	61.4	61.7	61.8	61.8	62.3
GE 4500	53.2	60.3	61.1	61.8	62.1	62.3	62.9	62.9	63.1	63.4	63.4	63.5	63.8	64.0	64.0	64.5
GE 4000	56.0	63.7	64.5	65.2	65.5	65.7	66.3	66.3	66.5	66.8	66.8	66.9	67.2	67.4	67.4	67.9
GE 3500	58.6	67.1	67.9	68.6	68.9	69.1	69.7	69.7	69.9	70.2	70.2	70.3	70.6	70.8	70.8	71.3
GE 3000	61.8	71.9	73.0	74.0	74.5	74.7	75.3	75.3	75.4	75.7	75.7	75.9	76.2	76.4	76.4	76.8
GE 2500	62.9	74.0	75.7	77.0	77.4	77.6	78.2	78.2	78.4	78.7	78.7	78.3	79.1	79.3	79.3	79.8
GE 2000	64.8	77.1	78.8	80.4	81.0	81.1	81.8	81.8	81.9	82.2	82.2	82.4	82.7	82.8	82.8	83.3
GE 1800	64.9	77.7	79.4	81.1	81.8	81.9	82.5	82.5	82.7	83.0	83.0	83.2	83.5	83.6	83.6	84.1
GE 1500	65.7	79.8	81.8	83.5	84.1	84.4	85.0	85.2	85.3	85.6	85.6	85.8	86.1	86.2	86.2	86.7
GE 1200	66.5	80.8	83.0	85.2	85.8	86.2	86.9	87.0	87.2	87.5	87.5	87.6	87.9	88.1	88.1	88.6
GE 1000	66.8	81.1	83.6	85.8	86.4	87.0	87.6	87.8	87.9	88.3	88.4	88.6	89.0	89.2	89.2	89.6
GE 900	66.8	81.6	84.2	86.4	87.0	87.6	88.4	88.6	88.7	89.0	89.2	89.3	89.8	90.0	90.0	90.4
GE 800	66.8	81.8	84.4	86.7	87.5	88.1	88.9	89.2	89.3	89.6	90.0	90.1	90.6	90.7	90.7	91.2
GE 700	66.8	81.9	84.5	86.9	87.6	88.4	89.2	89.5	89.6	90.0	90.4	90.6	91.0	91.2	91.2	91.7
GE 600	66.8	82.2	85.3	87.8	88.6	89.3	90.3	90.6	90.7	91.0	91.5	91.7	92.1	92.3	92.3	92.7
GE 500	66.8	82.2	85.3	87.8	88.7	89.5	90.6	90.9	91.2	91.7	92.1	92.3	92.7	92.9	92.9	93.4
GE 400	66.8	82.2	85.3	87.8	88.9	89.6	91.2	91.8	92.1	92.7	93.2	93.4	94.1	94.3	94.3	94.7
GE 300	66.8	82.4	85.5	87.9	89.0	90.0	91.5	92.3	92.6	93.2	93.7	94.0	94.7	95.1	95.1	95.8
GE 200	66.8	82.4	85.5	87.9	89.2	90.1	91.7	92.6	93.0	93.7	94.1	94.4	95.2	95.7	96.0	96.0
GE 100	66.8	82.4	85.6	88.1	89.5	90.4	92.1	93.0	93.5	94.1	94.6	94.9	95.8	96.3	96.8	99.2
GE 0	66.8	82.4	85.6	88.1	89.5	90.4	92.1	93.0	93.5	94.1	94.6	94.9	95.8	96.3	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 647

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	45.8	48.3	49.0	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.6	49.6	49.6	49.6	49.7
GE 20000	49.9	52.6	53.4	53.9	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.4	54.4	54.4	54.4	54.5
GE 18000	50.9	53.6	54.4	54.9	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.4	55.4	55.4	55.4	55.5
GE 16000	50.9	53.6	54.4	54.9	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.4	55.4	55.4	55.4	55.5
GE 14000	52.2	55.1	56.0	56.5	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	57.1
GE 12000	54.0	57.1	58.1	58.5	58.8	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.2
GE 10000	56.7	59.8	60.8	61.5	61.7	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.1
GE 9000	56.8	59.9	60.9	61.6	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.2
GE 8000	58.8	62.2	63.2	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.5	64.5	64.5	64.5	64.6
GE 7000	59.7	63.1	64.1	64.8	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.4
GE 6000	61.5	65.1	66.1	66.8	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.4
GE 5000	63.1	66.7	67.7	68.4	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	69.0
GE 4500	64.2	68.0	69.1	69.9	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.4	70.4	70.4	70.4	70.5
GE 4000	67.0	71.1	72.2	73.1	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.8
GE 3500	72.4	77.5	78.7	79.6	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.3
GE 3000	75.0	81.1	82.3	83.1	83.8	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.1
GE 2500	76.1	83.5	84.9	85.9	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	87.0
GE 2000	76.5	84.1	85.5	86.5	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.7
GE 1800	76.5	84.6	86.0	87.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.4
GE 1500	77.2	87.0	88.3	89.7	90.7	90.8	90.9	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.3
GE 1200	77.5	87.9	89.5	90.9	92.1	92.3	92.4	92.5	92.7	92.7	92.7	92.9	92.9	92.9	92.9	93.0
GE 1000	77.5	88.3	90.4	92.1	93.6	93.7	94.0	94.1	94.3	94.3	94.3	94.5	94.5	94.5	94.5	94.6
GE 900	77.5	88.7	91.0	92.9	94.5	94.6	94.8	95.0	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.4
GE 800	77.5	88.8	91.4	93.2	94.8	95.0	95.2	95.3	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.8
GE 700	77.5	88.9	91.5	93.5	95.2	95.3	95.7	95.8	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.3
GE 600	77.5	88.9	91.5	93.5	95.2	95.3	95.8	95.9	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.4
GE 500	77.5	89.1	91.6	93.6	95.6	95.7	96.7	96.9	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.5
GE 400	77.5	89.1	91.8	93.7	95.8	95.9	97.0	97.3	97.5	98.0	98.2	98.3	98.4	98.4	98.4	98.5
GE 300	77.5	89.1	91.8	93.8	96.1	96.2	97.4	97.7	97.9	98.4	98.5	98.6	98.8	98.8	98.8	99.0
GE 200	77.5	89.1	91.8	93.8	96.1	96.3	97.5	97.8	98.4	98.9	99.1	99.3	99.5	99.5	99.5	99.8
GE 100	77.5	89.1	91.8	93.8	96.1	96.3	97.5	97.8	98.4	99.0	99.3	99.4	99.6	99.6	99.6	100.0
GE 0	77.5	89.1	91.8	93.8	96.1	96.3	97.5	97.8	98.4	99.0	99.3	99.4	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 813

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	52.4	54.5	54.5	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 20000	58.3	60.4	60.6	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 18000	58.5	60.6	60.9	61.1	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 16000	58.5	60.6	60.9	61.1	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 14000	59.7	62.0	62.2	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 12000	60.4	62.7	63.0	63.2	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 10000	62.9	65.3	65.7	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 9000	63.2	65.7	66.1	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 8000	65.1	67.8	68.1	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 7000	66.2	68.9	69.2	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 6000	67.4	70.1	71.0	71.2	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 5000	68.6	71.3	72.2	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 4500	70.1	72.8	73.7	73.9	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 4000	72.4	75.2	76.3	76.5	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 3500	78.4	82.0	83.3	83.9	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 3000	82.7	87.1	88.4	89.1	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 2500	84.0	88.6	90.0	90.7	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 2000	84.5	89.9	91.6	92.4	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1800	84.9	90.5	92.3	93.0	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1500	85.6	91.6	93.4	94.2	94.7	94.8	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1200	86.0	92.7	94.6	95.6	96.1	96.2	96.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1000	86.0	93.2	95.2	96.4	97.0	97.2	97.3	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 900	86.0	93.2	95.4	96.8	97.4	97.5	97.7	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 800	86.0	93.2	95.4	96.9	97.5	97.7	97.8	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 700	86.0	93.2	95.6	97.0	98.0	98.2	98.3	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	86.0	93.2	95.7	97.3	98.5	98.6	98.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	86.0	93.2	95.7	97.3	98.6	98.8	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	86.0	93.2	95.7	97.3	98.6	98.8	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	86.0	93.2	95.7	97.3	98.6	98.8	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	86.0	93.2	95.7	97.3	98.6	98.8	99.0	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	86.0	93.2	95.7	97.3	98.6	98.8	99.0	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	86.0	93.2	95.7	97.3	98.6	98.8	99.0	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 813

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	53.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.5	54.5	54.5	54.5
GE 20000	59.8	61.3	61.8	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3
GE 18000	59.8	61.3	61.8	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3
GE 16000	59.8	61.3	61.8	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3
GE 14000	60.5	62.1	62.6	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1
GE 12000	61.5	63.1	63.6	63.6	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.2	64.2	64.2	64.2
GE 10000	64.3	65.9	66.4	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9	66.9
GE 9000	64.7	66.4	66.9	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.5	67.5	67.5	67.5
GE 8000	66.3	68.0	68.5	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0
GE 7000	67.7	69.4	69.9	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.5	70.5	70.5	70.5
GE 6000	68.5	70.5	71.0	71.1	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.7	71.7	71.7	71.7
GE 5000	69.3	71.3	71.8	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4
GE 4500	70.2	72.6	73.1	73.2	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0
GE 4000	73.2	74.8	75.3	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2
GE 3500	76.0	79.9	80.4	80.6	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.4	81.4	81.4	81.4
GE 3000	81.2	86.5	87.0	87.4	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6
GE 2500	81.8	88.3	88.8	89.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4
GE 2000	82.7	89.9	90.4	90.8	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0
GE 1800	82.8	90.0	90.6	90.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1
GE 1500	82.9	90.4	91.1	91.5	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8
GE 1200	83.3	91.5	92.1	93.0	94.0	94.0	94.2	94.5	94.5	94.6	94.6	94.6	94.8	94.8	94.8	94.8
GE 1000	83.3	91.9	92.5	93.6	94.5	94.5	94.8	95.0	95.0	95.1	95.1	95.1	95.3	95.3	95.3	95.3
GE 900	83.5	92.1	92.8	93.8	94.9	94.9	95.1	95.4	95.4	95.5	95.5	95.5	95.7	95.7	95.7	95.7
GE 800	83.5	92.4	93.0	94.2	95.3	95.3	95.5	95.8	95.8	95.9	95.9	95.9	96.1	96.1	96.1	96.1
GE 700	83.5	92.8	93.4	94.6	95.7	95.7	95.9	96.2	96.2	96.3	96.3	96.3	96.5	96.5	96.5	96.5
GE 600	83.5	93.0	93.7	95.3	96.9	96.9	97.1	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6
GE 500	83.5	93.0	93.7	95.3	96.9	96.9	97.1	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6
GE 400	83.5	93.0	93.7	95.4	97.0	97.0	97.4	97.6	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9
GE 300	83.5	93.0	93.7	95.4	97.2	97.2	97.9	98.2	98.3	98.4	98.7	98.7	99.2	99.5	99.5	99.7
GE 200	83.5	93.0	93.7	95.4	97.2	97.2	97.9	98.2	98.3	98.4	98.7	98.7	99.3	99.6	99.7	100.0
GE 100	83.5	93.0	93.7	95.4	97.2	97.2	97.9	98.2	98.3	98.4	98.7	98.7	99.3	99.6	99.7	100.0
GE 0	83.5	93.0	93.7	95.4	97.2	97.2	97.9	98.2	98.3	98.4	98.7	98.7	99.3	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 762

GLOBAL CLIMATOLOGY BRANCH
SAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	44.2	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 20000	47.0	53.5	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 18000	47.0	53.5	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 16000	47.0	53.5	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 14000	47.3	54.0	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
GE 12000	47.8	55.2	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 10000	49.4	56.8	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 9000	49.4	56.8	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 8000	52.1	59.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 7000	53.2	60.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 6000	53.5	60.9	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 5000	54.4	61.7	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 4500	55.7	63.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 4000	56.8	66.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 3500	60.9	72.1	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 3000	64.9	79.0	80.5	80.5	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 2500	67.3	82.4	84.2	84.4	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 2000	68.0	84.2	86.0	86.2	86.7	86.7	86.7	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1800	68.0	84.4	86.2	86.4	86.9	86.9	86.9	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1500	68.8	85.9	87.7	87.8	88.5	88.5	88.7	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1200	69.1	87.4	89.3	89.5	90.3	90.3	90.5	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1000	69.3	88.3	90.5	90.6	91.8	91.8	92.0	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 900	69.6	89.3	91.6	91.8	92.9	92.9	93.1	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 800	69.6	89.3	91.6	91.8	92.9	92.9	93.1	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 700	69.6	89.8	92.1	92.4	93.8	93.8	93.9	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 600	69.6	90.1	92.4	93.1	94.6	94.6	94.7	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 500	69.6	90.1	92.4	93.3	94.9	94.9	95.1	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 400	69.6	90.5	92.8	93.6	95.2	95.2	95.4	95.7	95.7	96.1	96.1	96.1	96.2	96.2	96.2	96.2
GE 300	69.6	90.5	92.8	93.8	95.6	95.6	95.9	96.2	96.2	96.9	96.9	96.9	97.2	97.4	97.7	98.2
GE 200	69.6	90.5	92.8	93.8	95.6	95.6	95.9	96.2	96.2	97.2	98.0	98.0	98.5	99.0	99.3	99.8
GE 100	69.6	90.5	92.8	93.8	95.6	95.6	95.9	96.2	96.2	97.2	98.0	98.0	98.5	99.0	99.5	100.0
GE 0	69.6	90.5	92.8	93.8	95.6	95.6	95.9	96.2	96.2	97.2	98.0	98.0	98.5	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 609

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	45.1	53.3	53.5	53.7	53.7	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 20000	46.7	55.1	55.9	56.1	56.1	56.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 18000	47.0	55.4	56.3	56.5	56.5	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 16000	47.0	55.4	56.3	56.5	56.5	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 14000	47.2	55.6	56.5	56.6	56.6	56.6	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 12000	48.3	57.9	58.7	58.9	58.9	58.9	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 10000	49.5	59.1	60.0	60.1	60.1	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 9000	49.5	59.1	60.0	60.1	60.1	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 8000	50.7	60.5	61.4	61.5	61.5	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 7000	51.6	61.5	62.4	62.6	62.6	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 6000	52.1	62.2	63.1	63.3	63.3	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 5000	52.8	63.1	64.0	64.2	64.2	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 4500	53.1	64.0	65.2	65.4	65.4	65.4	65.7	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 4000	54.2	67.3	68.5	68.9	68.9	68.9	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 3500	56.3	71.7	73.1	73.4	73.4	73.4	73.8	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 3000	58.6	75.5	77.1	77.4	77.4	77.4	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 2500	60.5	78.8	80.6	81.1	81.1	81.1	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 2000	61.7	81.3	83.0	83.6	83.7	83.7	84.1	84.1	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4
GE 1800	62.1	81.6	83.4	83.9	84.1	84.1	84.4	84.4	84.4	84.6	84.8	84.8	84.8	84.8	84.8	84.8
GE 1500	62.6	82.9	84.6	85.1	85.3	85.3	85.7	85.7	85.7	85.8	86.0	86.0	86.0	86.0	86.0	86.0
GE 1200	62.6	85.1	87.2	87.8	87.9	87.9	88.3	88.3	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6
GE 1000	62.9	86.7	88.8	89.3	89.7	89.7	90.0	90.0	90.0	90.2	90.4	90.4	90.4	90.4	90.4	90.4
GE 900	62.9	86.9	89.0	89.5	89.9	89.9	90.2	90.2	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.6
GE 800	63.1	87.9	90.0	90.6	90.9	90.9	91.3	91.3	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6
GE 700	63.1	88.6	90.7	91.6	92.0	92.0	92.3	92.3	92.3	92.5	92.7	92.7	92.7	92.7	92.7	92.7
GE 600	63.1	89.3	91.4	92.3	92.8	92.8	93.2	93.2	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5
GE 500	63.1	89.7	91.8	92.8	93.4	93.4	93.7	93.7	93.7	93.9	94.6	94.6	94.6	94.6	94.6	94.6
GE 400	63.1	90.2	92.3	93.4	94.2	94.2	94.6	94.6	94.6	94.8	95.5	95.5	95.5	95.5	95.5	95.5
GE 300	63.1	90.2	92.3	93.4	94.4	94.4	94.8	94.9	94.9	96.7	97.4	97.4	98.1	98.1	98.4	99.1
GE 200	63.1	90.2	92.3	93.4	94.4	94.4	94.8	94.9	94.9	96.7	97.6	97.6	98.4	98.4	98.8	99.5
GE 100	63.1	90.2	92.3	93.4	94.4	94.4	94.8	94.9	94.9	96.7	97.6	97.6	98.4	98.4	98.8	99.5
GE 0	63.1	90.2	92.3	93.4	94.4	94.4	94.8	94.9	94.9	96.7	97.6	97.6	98.4	98.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 572

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	47.3	50.9	51.1	51.3	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.6	51.7	51.7	51.7	51.8
GE 20000	51.3	55.2	55.8	56.1	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.7
GE 18000	51.7	55.6	56.2	56.5	56.6	56.7	56.8	56.8	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.1
GE 16000	51.7	55.6	56.2	56.5	56.6	56.7	56.8	56.8	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.1
GE 14000	52.5	56.5	57.2	57.4	57.6	57.7	57.8	57.8	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.1
GE 12000	53.6	57.9	58.6	58.8	59.0	59.1	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.5	59.5	59.6
GE 10000	55.9	60.3	61.0	61.3	61.5	61.6	61.7	61.7	61.7	61.8	61.8	61.8	61.9	61.9	61.9	62.0
GE 9000	56.1	60.5	61.2	61.5	61.7	61.8	61.9	61.9	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.2
GE 8000	57.9	62.5	63.2	63.5	63.7	63.8	63.9	63.9	63.9	64.0	64.0	64.0	64.1	64.1	64.1	64.2
GE 7000	58.8	63.4	64.2	64.5	64.7	64.8	64.9	64.9	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.2
GE 6000	59.8	64.6	65.4	65.7	65.9	66.0	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.4	66.4	66.5
GE 5000	60.9	65.9	66.7	67.1	67.3	67.3	67.5	67.5	67.5	67.6	67.6	67.6	67.7	67.7	67.7	67.8
GE 4500	62.0	67.4	68.3	68.7	68.9	69.0	69.1	69.1	69.2	69.3	69.3	69.3	69.4	69.4	69.4	69.5
GE 4000	64.1	70.3	71.3	71.7	71.9	72.0	72.2	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.5
GE 3500	68.2	75.6	76.7	77.2	77.5	77.6	77.8	77.8	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.1
GE 3000	71.9	80.7	81.9	82.5	83.0	83.1	83.3	83.3	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.6
GE 2500	73.2	83.1	84.5	85.2	85.7	85.8	86.0	86.0	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.3
GE 2000	74.1	84.8	86.3	87.0	87.6	87.7	87.9	87.9	87.9	88.0	88.0	88.1	88.2	88.2	88.2	88.3
GE 1800	74.3	85.2	86.7	87.5	88.1	88.2	88.4	88.4	88.4	88.5	88.5	88.6	88.7	88.7	88.7	88.8
GE 1500	74.9	86.7	88.2	89.0	89.7	89.8	90.1	90.2	90.2	90.3	90.3	90.4	90.4	90.5	90.5	90.6
GE 1200	75.3	88.0	89.6	90.7	91.4	91.5	91.8	92.0	92.1	92.2	92.2	92.3	92.4	92.4	92.4	92.5
GE 1000	75.4	88.6	90.5	91.7	92.5	92.7	93.0	93.2	93.3	93.4	93.5	93.5	93.6	93.6	93.6	93.7
GE 900	75.5	88.9	91.0	92.2	93.1	93.3	93.6	93.8	93.9	94.0	94.1	94.1	94.2	94.2	94.2	94.3
GE 800	75.5	89.2	91.2	92.6	93.5	93.6	94.0	94.2	94.3	94.4	94.5	94.5	94.6	94.7	94.7	94.8
GE 700	75.5	89.5	91.6	93.0	94.0	94.2	94.5	94.8	94.9	95.0	95.1	95.2	95.3	95.3	95.3	95.4
GE 600	75.5	89.7	91.9	93.5	94.7	94.9	95.3	95.5	95.6	95.8	95.9	95.9	96.0	96.0	96.0	96.1
GE 500	75.5	89.8	92.0	93.6	94.9	95.1	95.6	95.9	96.0	96.2	96.4	96.4	96.5	96.6	96.6	96.7
GE 400	75.5	89.9	92.1	93.7	95.2	95.4	96.0	96.4	96.5	96.8	97.0	97.0	97.2	97.2	97.2	97.3
GE 300	75.5	89.9	92.1	93.8	95.4	95.6	96.3	96.8	96.9	97.4	97.7	97.7	98.1	98.2	98.3	98.7
GE 200	75.5	89.9	92.1	93.8	95.4	95.6	96.4	96.8	97.1	97.7	98.1	98.1	98.6	98.8	99.0	99.5
GE 100	75.5	89.9	92.1	93.8	95.5	95.7	96.4	96.9	97.1	97.7	98.1	98.2	98.7	98.9	99.1	99.8
GE 0	75.5	89.9	92.1	93.8	95.5	95.7	96.4	96.9	97.1	97.7	98.1	98.2	98.7	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 4316

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	39.8	44.6	45.4	46.5	47.5	47.5	47.5	47.7	47.7	47.8	47.8	47.8	48.0	48.0	48.0	48.6
GE 20000	43.6	48.6	49.4	50.6	51.5	51.5	51.5	51.7	51.7	51.9	51.9	51.9	52.0	52.0	52.0	52.7
GE 18000	44.0	49.0	49.8	50.9	51.9	51.9	51.9	52.0	52.0	52.2	52.2	52.2	52.3	52.3	52.3	53.0
GE 16000	44.1	49.1	49.9	51.0	52.0	52.0	52.0	52.2	52.2	52.3	52.3	52.3	52.5	52.5	52.5	53.1
GE 14000	44.6	49.6	50.4	51.5	52.5	52.5	52.5	52.7	52.7	52.8	52.8	52.8	53.0	53.0	53.0	53.6
GE 12000	45.2	50.2	51.0	52.2	53.1	53.1	53.1	53.3	53.3	53.5	53.5	53.5	53.6	53.6	53.6	54.3
GE 10000	47.0	52.2	53.1	54.3	55.2	55.2	55.2	55.4	55.4	55.6	55.6	55.6	55.7	55.7	55.7	56.4
GE 9000	47.0	52.2	53.1	54.3	55.2	55.2	55.2	55.4	55.4	55.6	55.6	55.6	55.7	55.7	55.7	56.4
GE 8000	49.0	54.3	55.2	56.4	57.3	57.3	57.3	57.5	57.5	57.6	57.6	57.6	57.8	57.8	57.8	58.5
GE 7000	49.4	55.1	56.0	57.2	58.1	58.1	58.1	58.3	58.3	58.5	58.5	58.5	58.6	58.6	58.6	59.3
GE 6000	49.4	55.4	56.4	57.5	58.5	58.5	58.5	58.6	58.6	58.8	58.8	58.8	58.9	58.9	58.9	59.6
GE 5000	50.4	56.4	57.3	58.5	59.4	59.4	59.4	59.6	59.6	59.7	59.7	59.7	59.9	59.9	59.9	60.5
GE 4500	52.0	58.3	59.3	60.4	61.4	61.4	61.4	61.5	61.5	61.7	61.7	61.7	61.8	61.8	61.8	62.5
GE 4000	52.3	58.8	59.9	61.0	62.0	62.0	62.0	62.2	62.2	62.3	62.3	62.3	62.5	62.5	62.5	63.1
GE 3500	53.5	60.2	61.4	62.6	63.6	63.6	63.6	63.8	63.8	63.9	63.9	63.9	64.1	64.1	64.1	64.7
GE 3000	55.1	62.5	63.9	65.2	66.2	66.2	66.2	66.3	66.3	66.5	66.5	66.5	66.7	66.7	66.7	67.3
GE 2500	55.7	64.1	65.5	66.8	67.8	67.8	67.8	68.0	68.0	68.1	68.1	68.1	68.3	68.3	68.3	68.9
GE 2000	57.6	67.3	68.8	70.0	71.0	71.0	71.0	71.2	71.2	71.3	71.3	71.3	71.5	71.5	71.5	72.1
GE 1800	58.5	68.9	70.4	71.7	72.6	72.6	72.6	72.8	72.8	72.9	72.9	72.9	73.1	73.1	73.1	73.8
GE 1500	60.7	72.8	75.0	76.3	77.5	77.5	77.5	77.6	77.6	77.8	77.8	77.8	77.9	77.9	77.9	78.6
GE 1200	60.7	73.1	75.6	77.3	78.4	76.4	78.4	78.6	78.6	78.7	78.7	78.7	78.9	78.9	78.9	79.5
GE 1000	60.9	74.1	77.6	79.1	80.4	80.4	80.4	80.5	80.7	80.8	80.8	80.8	81.2	81.2	81.2	81.6
GE 900	61.2	75.2	79.1	80.5	82.1	82.1	82.1	82.3	82.4	82.6	82.6	82.6	82.9	82.9	82.9	83.6
GE 800	61.8	76.2	80.4	82.1	83.7	83.7	83.7	83.9	84.1	84.2	84.2	84.2	84.5	84.5	84.5	85.2
GE 700	61.8	76.7	81.2	83.3	85.0	85.0	85.0	85.2	85.3	85.5	85.5	85.5	85.8	85.8	65.8	86.5
GE 600	61.8	77.3	81.8	84.1	86.2	86.2	86.2	86.3	86.5	86.6	86.6	86.6	87.0	87.0	67.0	87.6
GE 500	61.8	77.5	82.1	84.5	87.6	87.6	87.6	88.1	88.2	88.6	88.6	88.6	88.9	89.0	89.0	89.7
GE 400	61.8	77.9	82.6	85.2	88.6	88.6	88.9	89.7	90.0	90.3	90.7	90.7	91.0	91.1	91.1	91.8
GE 300	61.8	77.9	82.6	85.3	88.9	88.9	89.5	90.7	91.1	91.6	91.9	92.1	92.6	92.8	92.8	94.0
GE 200	61.8	77.9	82.6	85.3	88.9	89.0	90.0	91.3	92.1	92.9	93.7	93.9	94.7	95.2	95.5	98.7
GE 100	61.8	77.9	82.6	85.3	88.9	89.0	90.0	91.3	92.1	92.9	93.7	93.9	95.0	95.7	96.1	99.5
GE 0	61.8	77.9	82.6	85.3	88.9	89.0	90.0	91.3	92.1	92.9	93.7	93.9	95.0	95.7	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 621

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

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	49.3	55.4	57.4	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
GE 20000	53.4	59.9	62.0	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 18000	54.1	60.7	62.7	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 16000	54.5	61.1	63.1	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 14000	55.3	61.9	63.9	64.5	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 12000	55.9	62.7	64.8	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 10000	57.4	64.4	66.7	67.3	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 9000	57.4	64.4	66.7	67.3	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 8000	58.9	66.2	68.4	69.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 7000	59.3	66.5	68.8	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 6000	59.8	67.0	69.3	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 5000	61.1	68.3	70.6	71.2	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 4500	62.2	69.7	72.0	72.8	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 4000	64.3	72.1	74.4	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 3500	65.7	73.8	76.3	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 3000	68.4	77.4	80.1	81.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 2500	69.3	79.1	81.7	82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 2000	71.0	82.4	85.2	86.4	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 1800	71.5	83.5	86.3	87.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1500	71.9	84.9	88.1	89.5	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1200	72.2	86.3	89.7	91.1	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1000	72.4	87.3	91.0	92.5	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 900	72.5	87.7	91.6	93.4	94.0	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 800	72.5	88.0	92.1	94.3	94.9	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 700	72.5	88.1	92.4	94.8	95.9	95.9	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 600	72.6	88.3	92.9	95.4	97.2	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	72.6	88.3	92.9	95.7	97.8	98.0	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 400	72.6	88.3	92.9	95.8	98.0	98.2	98.6	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	72.6	88.3	92.9	95.8	98.0	98.2	98.6	99.1	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.9
GE 200	72.6	88.3	92.9	95.8	98.0	98.2	98.6	99.1	99.5	99.5	99.6	99.6	99.7	99.9	99.9	100.0
GE 100	72.6	88.3	92.9	95.8	98.0	98.2	98.6	99.1	99.5	99.5	99.6	99.6	99.7	99.9	99.9	100.0
GE 0	72.6	88.3	92.9	95.8	98.0	98.2	98.6	99.1	99.5	99.5	99.6	99.6	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 789

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	61.9	66.4	67.9	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 20000	67.8	73.4	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 18000	68.4	74.0	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 16000	68.6	74.1	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 14000	68.8	74.4	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 12000	69.2	74.8	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 10000	69.7	75.4	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 9000	69.7	75.4	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 8000	71.4	77.3	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 7000	72.0	77.9	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 6000	72.8	78.8	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 5000	73.9	80.0	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 4500	74.5	80.9	82.4	82.5	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 4000	76.0	82.6	84.2	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 3500	76.8	83.8	85.6	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 3000	79.7	87.8	89.6	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 2500	80.2	88.7	90.6	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
GE 2000	81.2	90.1	92.0	92.4	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1800	81.6	90.5	92.4	92.8	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1500	82.1	91.4	93.3	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1200	82.5	92.6	94.7	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1000	83.4	93.9	96.3	96.7	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 900	83.4	94.0	96.6	97.1	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 800	83.5	94.3	96.8	97.5	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	83.7	94.4	97.0	97.6	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	83.7	94.4	97.1	97.8	98.6	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	83.7	94.4	97.3	98.1	98.9	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	83.7	94.6	97.5	98.2	99.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	83.7	94.6	97.5	98.2	99.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	83.7	94.6	97.5	98.2	99.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	83.7	94.6	97.5	98.2	99.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	83.7	94.6	97.5	98.2	99.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 759

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	59.7	63.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 20000	66.5	71.3	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 18000	67.4	72.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 16000	67.4	72.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 14000	67.6	72.5	73.4	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 12000	68.1	73.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 10000	69.8	74.7	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 9000	70.4	75.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 8000	72.3	77.4	78.3	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 7000	72.8	77.8	78.7	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 6000	73.7	78.9	79.8	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 5000	74.8	80.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 4500	75.2	80.5	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 4000	76.7	82.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 3500	77.4	83.4	84.5	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 3000	79.4	86.0	87.2	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 2500	79.8	87.1	88.3	88.7	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 2000	80.7	88.3	89.5	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1800	81.2	88.8	90.1	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1500	81.9	89.9	91.3	91.8	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 1200	83.1	91.6	92.9	93.5	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1000	83.9	93.2	94.6	95.1	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 900	83.9	93.6	95.0	95.5	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 800	84.1	93.7	95.6	96.2	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 700	84.1	94.0	95.9	96.5	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 600	84.2	94.4	96.7	97.5	98.0	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 500	84.2	94.4	96.9	97.7	98.2	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	84.2	94.4	96.9	97.7	98.4	98.5	98.8	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	84.2	94.4	96.9	97.7	98.4	98.5	99.0	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	84.2	94.4	96.9	97.7	98.4	98.5	99.0	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	84.2	94.4	96.9	97.7	98.4	98.5	99.0	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	84.2	94.4	96.9	97.7	98.4	98.5	99.0	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 734

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	54.3	62.1	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 20000	59.2	67.7	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 18000	59.9	68.4	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 16000	59.9	68.4	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 14000	60.9	69.5	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 12000	61.1	69.6	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 10000	62.1	70.9	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 9000	62.5	71.2	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 8000	64.2	72.9	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 7000	66.0	74.7	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 6000	68.1	76.8	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 5000	69.5	78.2	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 4500	70.3	79.4	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 4000	71.7	80.8	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 3500	72.6	81.7	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	82.7
GE 3000	73.6	83.1	84.3	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	73.8	84.1	85.3	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	74.7	85.2	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1800	74.9	85.7	86.9	87.3	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 1500	75.4	87.6	88.8	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	76.4	88.7	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1000	77.5	90.2	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 900	78.4	91.3	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 800	78.7	91.6	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.9	93.9	94.1	94.1	94.1	94.1
GE 700	79.4	92.7	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.1	95.1	95.3	95.3	95.3	95.3
GE 600	79.4	92.8	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	96.0	96.0	96.2	96.2	96.2	96.2
GE 500	79.4	93.0	95.6	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.5	96.5	96.7	96.7	96.7	96.7
GE 400	79.4	93.0	95.6	96.3	96.9	96.9	97.0	97.4	97.4	97.4	97.6	97.6	97.7	97.7	97.7	97.7
GE 300	79.4	93.0	95.8	96.5	97.0	97.0	97.4	97.7	97.7	97.9	98.3	98.6	99.0	99.0	99.0	99.0
GE 200	79.4	93.0	95.8	96.5	97.0	97.0	97.6	97.9	97.9	98.1	98.4	98.8	99.7	99.8	99.8	99.8
GE 100	79.4	93.0	95.8	96.5	97.0	97.0	97.6	97.9	97.9	98.1	98.4	98.6	99.7	100.0	100.0	100.0
GE 0	79.4	93.0	95.8	96.5	97.0	97.0	97.6	97.9	97.9	98.1	98.4	98.8	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 573

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	57.5	66.8	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.6	67.6	67.6	67.6	67.6
GE 20000	58.8	68.5	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.3	69.3	69.3	69.3	69.3
GE 18000	59.4	69.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.8	69.8	69.8	69.8	69.8
GE 16000	59.4	69.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.8	69.8	69.8	69.8	69.8
GE 14000	60.2	69.8	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6
GE 12000	60.3	70.4	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.2	71.2	71.2	71.2	71.2
GE 10000	60.9	71.0	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.7	71.7	71.7	71.7	71.7
GE 9000	61.3	71.3	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.1	72.1	72.1	72.1	72.1
GE 8000	61.9	71.9	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7
GE 7000	62.6	72.7	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.4	73.4	73.4	73.4	73.4
GE 6000	64.3	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3
GE 5000	66.8	77.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0
GE 4500	67.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.5	79.5	79.5	79.5	79.5
GE 4000	67.9	79.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.9	79.9	79.9	79.9	79.9
GE 3500	68.7	79.9	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6
GE 3000	69.8	81.8	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7
GE 2500	71.0	83.7	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6
GE 2000	72.5	86.0	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.9	86.9	86.9	86.9	86.9
GE 1800	72.9	86.3	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.3	87.3	87.3	87.3	87.3
GE 1500	73.4	88.2	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.2	89.2	89.2	89.2	89.2
GE 1200	73.8	89.4	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3
GE 1000	74.4	90.1	90.7	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3
GE 900	74.8	90.9	91.5	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	92.0	92.0	92.0	92.0	92.0
GE 800	75.0	91.3	91.8	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4
GE 700	75.7	93.2	93.7	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.3	94.3	94.3	94.3	94.3
GE 600	75.9	93.7	94.3	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9
GE 500	75.9	94.1	95.3	95.8	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4
GE 400	75.9	94.1	95.3	96.0	96.4	96.4	96.6	96.6	96.6	96.8	96.8	97.0	97.0	97.0	97.0	97.0
GE 300	75.9	94.1	95.4	96.6	97.0	97.0	97.7	97.7	97.7	98.1	98.1	98.3	98.5	98.7	98.7	98.7
GE 200	75.9	94.1	95.4	96.6	97.0	97.0	97.7	97.7	97.7	98.3	98.5	98.7	99.1	99.2	99.2	99.2
GE 100	75.9	94.1	95.4	96.6	97.0	97.0	97.7	97.7	97.7	98.3	98.5	98.7	99.4	99.8	99.8	99.8
GE 0	75.9	94.1	95.4	96.6	97.0	97.0	97.7	97.7	97.7	98.3	98.5	98.7	99.4	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 527

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	54.0	59.9	61.0	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.8
GE 20000	58.6	65.1	66.3	66.6	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0
GE 18000	59.3	65.8	66.9	67.3	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.7
GE 16000	59.4	65.9	67.0	67.4	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8
GE 14000	60.0	66.5	67.6	68.0	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.4
GE 12000	60.4	67.0	68.2	68.5	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	69.0
GE 10000	61.6	68.3	69.5	69.9	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.3
GE 9000	61.8	68.5	69.7	70.1	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5
GE 8000	63.4	70.3	71.5	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.3
GE 7000	64.1	71.0	72.2	72.6	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	73.0
GE 6000	65.0	72.1	73.3	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.1
GE 5000	66.4	73.4	74.7	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.5
GE 4500	67.3	74.7	75.9	76.3	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.7
GE 4000	68.5	76.1	77.4	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.3
GE 3500	69.5	77.3	78.7	79.2	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.7
GE 3000	71.5	80.1	81.7	82.2	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7
GE 2500	72.1	81.4	83.0	83.6	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1
GE 2000	73.4	83.5	85.1	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.4
GE 1800	73.9	84.3	85.9	86.6	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.2
GE 1500	74.7	86.0	87.9	88.6	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2
GE 1200	75.3	87.2	89.2	89.9	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.6
GE 1000	75.8	88.4	90.7	91.4	91.8	91.8	91.9	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.2
GE 900	76.1	89.0	91.4	92.2	92.7	92.7	92.8	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.1
GE 800	76.3	89.4	92.0	93.0	93.5	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.9	93.9	93.9	94.0
GE 700	76.5	90.0	92.7	93.8	94.4	94.5	94.6	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.9
GE 600	76.6	90.3	93.3	94.5	95.4	95.4	95.5	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.9
GE 500	76.6	90.4	93.5	94.9	96.1	96.1	96.3	96.6	96.6	96.6	96.7	96.7	96.8	96.8	96.8	96.9
GE 400	76.6	90.5	93.6	95.1	96.5	96.5	96.8	97.3	97.4	97.5	97.6	97.6	97.7	97.7	97.7	97.8
GE 300	76.6	90.5	93.7	95.2	96.6	96.7	97.1	97.7	97.8	98.0	98.2	98.3	98.4	98.5	98.5	98.7
GE 200	76.6	90.5	93.7	95.2	96.6	96.7	97.2	97.8	98.0	98.3	98.5	98.6	99.0	99.1	99.2	99.7
GE 100	76.6	90.5	93.7	95.2	96.6	96.7	97.2	97.8	98.0	98.3	98.5	98.6	99.1	99.3	99.4	99.9
GE 0	76.6	90.5	93.7	95.2	96.6	96.7	97.2	97.8	98.0	98.3	98.5	98.6	99.1	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 4033

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	26.4	37.2	38.6	39.4	39.6	40.1	40.1	40.1	40.1	40.2	40.2	40.2	40.6	40.6	40.7	40.9
GE 20000	27.8	39.2	40.6	41.4	42.0	42.4	42.5	42.5	42.5	42.6	42.6	42.6	43.1	43.1	43.2	43.3
GE 18000	27.8	39.2	40.6	41.4	42.0	42.4	42.5	42.5	42.5	42.6	42.6	42.6	43.1	43.1	43.2	43.3
GE 16000	27.9	39.4	40.7	41.6	42.1	42.5	42.6	42.6	42.6	42.8	42.8	42.8	43.2	43.2	43.3	43.5
GE 14000	28.1	39.5	41.0	42.0	42.5	42.9	43.1	43.1	43.1	43.2	43.2	43.2	43.6	43.6	43.7	44.0
GE 12000	28.9	40.5	42.0	42.9	43.5	43.9	44.0	44.0	44.0	44.1	44.1	44.1	44.7	44.7	44.8	45.1
GE 10000	30.1	42.0	43.5	44.4	45.0	45.4	45.5	45.5	45.5	45.6	45.6	45.6	46.2	46.2	46.3	46.6
GE 9000	30.2	42.1	43.6	44.6	45.1	45.5	45.6	45.6	45.6	45.8	45.8	45.8	46.3	46.3	46.5	46.7
GE 8000	31.1	42.9	44.4	45.4	45.9	46.3	46.5	46.5	46.5	46.6	46.6	46.6	47.1	47.1	47.3	47.5
GE 7000	31.2	43.1	44.6	45.5	46.0	46.5	46.6	46.6	46.6	46.7	46.7	46.7	47.3	47.3	47.4	47.7
GE 6000	31.2	43.1	44.6	45.5	46.0	46.5	46.6	46.6	46.6	46.7	46.7	46.7	47.3	47.3	47.4	47.7
GE 5000	31.6	43.5	45.0	45.9	46.5	46.9	47.0	47.0	47.0	47.1	47.1	47.1	47.7	47.7	47.8	46.1
GE 4500	31.7	43.7	45.2	46.2	46.7	47.1	47.3	47.3	47.3	47.4	47.4	47.4	48.0	48.0	48.1	48.4
GE 4000	32.4	44.4	45.9	46.9	47.4	47.8	48.0	48.0	48.0	48.1	48.1	48.1	48.6	48.6	48.8	49.0
GE 3500	34.1	46.2	47.7	48.6	49.2	49.6	49.7	49.7	49.7	49.9	49.9	49.9	50.4	50.4	50.5	50.8
GE 3000	36.2	49.3	51.0	51.9	52.5	52.9	53.0	53.0	53.0	53.1	53.1	53.1	53.7	53.7	53.8	54.1
GE 2500	40.1	53.7	55.3	56.3	56.8	57.2	57.4	57.4	57.4	57.5	57.5	57.5	58.0	58.0	58.2	58.4
GE 2000	44.1	59.1	61.0	62.0	62.5	62.9	63.1	63.1	63.1	63.2	63.2	63.2	63.8	63.8	63.9	64.2
GE 1800	44.8	59.9	62.0	62.9	63.5	63.9	64.0	64.0	64.0	64.2	64.2	64.2	64.7	64.7	64.9	65.1
GE 1500	46.3	62.3	64.3	65.3	65.8	66.2	66.5	66.5	66.5	66.6	66.6	66.6	67.2	67.2	67.3	67.6
GE 1200	47.3	64.0	66.3	67.3	67.8	68.3	68.7	68.7	68.8	69.1	69.1	69.1	69.6	69.6	69.8	70.0
GE 1000	47.4	65.1	67.8	69.3	69.9	70.3	70.7	70.7	70.8	71.1	71.1	71.1	71.7	71.7	71.8	72.1
GE 900	47.7	67.6	70.7	72.3	72.9	73.3	73.8	73.8	74.0	74.3	74.3	74.3	74.8	74.8	74.9	75.2
GE 800	47.8	68.4	72.2	74.1	74.8	75.2	75.9	75.9	76.0	76.3	76.3	76.3	76.8	76.8	77.0	77.2
GE 700	47.8	69.6	73.6	76.6	77.7	78.1	78.7	78.9	79.0	79.3	79.3	79.3	79.8	79.8	80.0	80.2
GE 600	47.8	70.0	74.5	78.1	79.7	80.2	80.9	81.3	81.6	82.0	82.0	82.0	82.6	82.6	82.7	83.0
GE 500	47.8	70.3	75.7	80.5	82.7	83.4	84.5	85.0	85.3	86.0	86.1	86.1	86.8	86.8	86.9	87.2
GE 400	47.8	70.3	76.6	81.7	84.6	85.6	87.3	88.8	89.4	90.1	90.2	90.2	91.1	91.1	91.4	92.0
GE 300	47.8	70.3	76.6	81.9	85.3	86.4	88.6	90.5	91.3	92.0	92.5	92.5	94.4	94.8	95.1	95.8
GE 200	47.8	70.3	76.6	81.9	85.3	86.6	88.8	90.9	91.7	92.5	93.2	93.5	95.8	96.9	97.7	98.6
GE 100	47.8	70.3	76.6	81.9	85.3	86.6	89.0	91.0	92.0	92.8	93.5	93.7	96.2	97.5	98.6	100.0
GE 0	47.8	70.3	76.6	81.9	85.3	86.6	89.0	91.0	92.0	92.8	93.5	93.7	96.2	97.5	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 734

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	46.3	55.5	56.4	56.5	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 20000	50.0	59.7	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 18000	50.0	59.7	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 16000	50.0	59.7	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 14000	50.0	59.9	60.8	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 12000	50.6	60.6	61.6	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 10000	51.3	61.5	62.5	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 9000	51.3	61.7	62.7	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
GE 8000	51.9	62.3	63.4	63.6	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 7000	52.3	62.7	63.7	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
GE 6000	52.4	62.8	63.9	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 5000	53.1	63.5	64.5	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 4500	53.4	63.9	64.9	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 4000	53.9	64.4	65.4	65.6	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 3500	57.1	67.6	68.6	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 3000	60.9	71.9	72.9	73.2	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 2500	64.9	76.0	77.0	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 2000	66.9	78.4	79.6	79.9	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 1800	67.6	79.1	80.4	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 1500	68.6	80.8	82.4	82.8	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 1200	70.2	84.0	85.6	86.0	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1000	70.7	87.2	88.9	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 900	70.7	88.5	90.6	91.2	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 800	71.0	89.8	92.1	93.0	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 700	71.1	90.7	93.3	94.3	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 600	71.1	91.3	94.7	95.7	96.2	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 500	71.1	91.6	95.4	96.9	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 400	71.1	91.6	95.5	97.3	98.5	98.9	99.2	99.2	99.2	99.5	99.7	99.7	99.9	99.9	99.9	99.9
GE 300	71.1	91.6	95.5	97.3	98.5	98.9	99.2	99.2	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	71.1	91.6	95.5	97.3	98.5	98.9	99.2	99.2	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	71.1	91.6	95.5	97.3	98.5	98.9	99.2	99.2	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	71.1	91.6	95.5	97.3	98.5	98.9	99.2	99.2	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 786

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 9/16	GE 1/4	GE 0
NO CEIL	61.1	67.7	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 20000	65.9	73.0	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 18000	66.4	73.5	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 16000	66.4	73.5	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 14000	66.9	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 12000	67.8	74.9	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 10000	69.0	76.1	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 9000	69.2	76.3	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 8000	70.2	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 7000	70.4	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	78.0	78.0
GE 6000	70.6	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 5000	71.0	78.2	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 4500	71.0	78.2	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 4000	71.4	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 3500	74.0	81.6	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 3000	76.5	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 2500	77.4	84.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 2000	78.1	85.9	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1800	79.2	86.1	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1500	78.9	87.5	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1200	80.9	90.6	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 1000	81.6	92.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 900	81.6	93.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 800	81.7	93.8	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 700	82.2	94.7	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 600	82.6	96.1	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 500	82.6	96.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	82.6	96.9	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	82.6	97.2	99.1	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 200	82.6	97.2	99.1	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	82.6	97.2	99.1	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 0	82.6	97.2	99.1	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.	100.0

TOTAL NUMBER OF OBSERVATIONS: 766

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	60.2	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 20000	63.7	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 18000	63.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 16000	63.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 14000	64.4	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 12000	64.8	70.8	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 10000	65.8	71.8	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 9000	66.3	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 8000	67.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 7000	68.0	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	74.1	74.1
GE 6000	68.2	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 5000	68.9	75.1	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	68.9	75.1	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 4000	69.0	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 3500	70.5	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 3000	72.7	79.7	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 2500	73.1	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 2000	73.7	80.8	81.1	81.1	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 1800	73.7	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 1500	74.7	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 1200	75.4	84.3	84.7	84.7	84.7	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1000	76.7	87.5	88.1	88.1	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 900	77.3	89.0	89.5	89.8	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 800	77.6	90.3	91.0	91.3	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 700	78.6	92.4	93.3	93.6	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 600	79.5	94.3	95.2	95.5	96.1	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 500	79.8	94.9	96.1	96.9	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	96.1
GE 400	79.9	95.5	96.7	97.5	99.0	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	79.9	95.5	96.7	97.5	99.0	99.1	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.9	99.9	99.9
GE 200	79.9	95.5	96.7	97.5	99.0	99.1	99.3	99.4	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	79.9	95.5	96.7	97.5	99.0	99.1	99.3	99.4	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0
GE 0	79.9	95.5	96.7	97.5	99.0	99.1	99.3	99.4	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 688

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	56.9	65.6	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 20000	59.4	68.7	69.1	69.1	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 18000	59.6	68.9	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 16000	59.6	68.9	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 14000	60.0	69.3	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 12000	60.4	69.6	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 10000	60.6	69.8	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 9000	60.9	70.2	70.6	70.6	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 8000	61.7	70.9	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 7000	62.8	72.0	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 6000	62.8	72.2	72.6	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
GE 5000	63.3	73.0	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 4500	63.5	73.1	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 4000	64.1	73.9	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 3500	64.3	74.1	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 3000	65.7	75.6	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 2500	67.2	77.2	77.6	77.6	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 2000	67.6	77.6	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	76.1
GE 1800	67.8	78.0	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 1500	68.3	78.7	79.1	79.3	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 1200	70.0	80.4	80.7	80.9	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 1000	70.2	81.5	81.9	82.0	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 900	70.7	83.3	83.7	84.1	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 800	72.4	86.7	87.4	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	86.3
GE 700	72.6	88.1	89.4	90.2	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 600	73.3	89.8	91.5	92.2	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 500	74.1	91.1	92.8	94.4	96.5	96.5	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 400	74.1	91.1	93.3	95.2	97.6	97.6	97.8	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 300	74.1	91.3	93.5	95.7	98.3	98.3	98.5	98.5	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9
GE 200	74.1	91.5	93.7	96.1	98.7	98.7	99.1	99.3	99.4	99.6	99.8	99.8	99.8	100.0	100.0	100.0
GE 100	74.1	91.5	93.7	96.1	98.7	98.7	99.1	99.3	99.4	99.6	99.8	99.8	99.8	100.0	100.0	100.0
GE 0	74.1	91.5	93.7	96.1	98.7	98.7	99.1	99.3	99.4	99.6	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	55.0	69.1	69.8	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
GE 20000	56.9	71.8	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 18000	56.9	71.8	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 16000	56.9	71.8	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 14000	56.9	71.8	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 12000	56.9	71.8	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 10000	56.9	71.8	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 9000	56.9	71.8	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 8000	57.4	72.3	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 7000	57.9	72.7	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 6000	58.2	73.2	74.0	74.0	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 5000	59.4	74.5	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 4500	59.9	74.9	75.7	75.7	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 4000	60.3	75.4	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 3500	60.3	75.4	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 3000	60.6	75.9	76.6	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 2500	60.8	76.2	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 2000	61.6	77.9	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 1800	61.6	77.9	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 1500	62.0	79.1	79.8	79.8	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 1200	63.3	80.3	81.0	81.3	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 1000	63.7	82.0	83.0	83.2	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 900	64.0	82.5	83.5	83.7	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 800	65.0	84.9	86.4	86.9	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 700	65.2	86.4	87.8	88.6	88.8	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 600	65.5	88.1	89.5	90.3	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 500	65.5	88.3	90.5	91.7	92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 400	65.5	89.5	91.7	92.2	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.9	94.9	94.9	94.9
GE 300	65.5	89.8	92.0	93.4	95.9	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.8
GE 200	65.5	89.8	92.0	93.4	95.9	96.4	97.1	98.3	98.3	99.0	99.0	99.0	99.3	99.3	99.3	99.5
GE 100	65.5	89.8	92.0	93.4	95.9	96.4	97.1	98.3	98.3	99.0	99.0	99.0	99.3	99.3	99.3	100.0
GE 0	65.5	89.8	92.0	93.4	95.9	96.4	97.1	98.3	98.3	99.0	99.0	99.0	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 411

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	50.3	59.1	59.8	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3
GE 20000	53.4	62.8	63.4	63.7	63.8	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.1	64.1
GE 16000	53.6	62.9	63.6	63.8	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2
GE 14000	53.6	62.9	63.6	63.8	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.3
GE 12000	53.9	63.3	64.0	64.2	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.7
GE 10000	54.5	63.9	64.6	64.8	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.3	65.3
GE 9000	55.3	64.8	65.5	65.7	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.2	66.2
GE 8000	55.5	65.0	65.8	66.0	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.5
GE 7000	56.3	65.9	66.6	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.3
GE 6000	56.7	66.3	67.0	67.2	67.4	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.7	67.7	67.7	67.7
GE 5000	56.9	66.5	67.2	67.4	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.9	67.9
GE 4500	57.5	67.2	67.9	68.2	68.3	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.6	68.6	68.6	68.6
GE 4000	57.6	67.4	68.1	68.4	68.5	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.8	68.8	68.8	68.8
GE 3500	58.1	67.9	68.7	68.9	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.4	69.4
GE 3000	59.8	69.8	70.5	70.7	70.9	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.2
GE 2500	62.1	72.4	73.2	73.4	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.9
GE 2000	64.1	74.5	75.3	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	76.0
GE 1800	65.6	76.6	77.5	77.7	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.2
GE 1500	65.9	77.0	77.9	78.2	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.7
GE 1200	66.8	78.5	79.5	79.8	80.0	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.3
GE 1000	68.2	80.8	81.9	82.2	82.4	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.9
GE 900	68.8	82.9	84.3	84.7	85.0	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.5
GE 800	69.0	84.3	85.9	86.4	86.7	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.2
GE 700	69.5	85.8	87.6	88.3	88.6	88.6	88.9	88.9	89.0	89.0	89.0	89.0	89.1	89.1	89.2	89.2
GE 600	69.9	87.1	89.1	90.1	90.6	90.8	91.0	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.3
GE 500	70.2	88.3	90.7	91.8	92.5	92.7	92.9	93.0	93.1	93.1	93.1	93.1	93.2	93.2	93.3	93.3
GE 400	70.4	88.9	91.7	93.4	94.5	94.8	95.1	95.2	95.2	95.4	95.4	95.4	95.5	95.5	95.6	95.6
GE 300	70.4	89.1	92.2	94.0	95.5	95.9	96.3	96.7	96.8	97.0	97.1	97.1	97.3	97.3	97.4	97.5
GE 200	70.4	89.2	92.3	94.3	96.0	96.4	97.0	97.4	97.5	97.8	98.0	98.0	98.4	98.5	98.6	98.7
GE 100	70.4	89.2	92.3	94.3	96.1	96.5	97.2	97.7	97.9	98.3	98.5	98.6	99.1	99.3	99.5	99.7
GE 0	70.4	89.2	92.3	94.3	96.1	96.5	97.2	97.8	98.0	98.3	98.6	98.6	99.1	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 2945

GLOBAL CLIMATOLOGY BRANCH
SAFETAC
IN WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
GE CEIL	21.4	29.1	30.4	31.0	31.7	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.9	32.1	32.1	32.1
GE 20000	22.0	30.2	31.7	32.2	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.2	33.3	33.3	33.3
GE 18000	22.0	30.2	31.7	32.2	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.2	33.3	33.3	33.3
GE 16000	22.0	30.2	31.7	32.2	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.2	33.3	33.3	33.3
GE 14000	22.1	30.3	31.8	32.3	33.0	33.0	33.2	33.2	33.2	33.2	33.2	33.2	33.3	33.4	33.4	33.4
GE 12000	22.1	30.3	31.8	32.3	33.0	33.0	33.2	33.2	33.2	33.2	33.2	33.2	33.3	33.4	33.4	33.4
GE 10000	22.2	30.6	32.1	32.6	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.6	33.7	33.7	33.7
GE 9000	22.5	30.8	32.3	32.9	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.8	34.0	34.0	34.0
GE 8000	22.5	30.8	32.3	32.9	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.8	34.0	34.0	34.0
GE 7000	22.5	30.8	32.3	32.9	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.8	34.0	34.0	34.0
GE 6000	22.5	30.8	32.3	32.9	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.8	34.0	34.0	34.0
GE 5000	22.5	30.8	32.3	32.9	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.8	34.0	34.0	34.0
GE 4500	22.5	30.8	32.3	32.9	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.8	34.0	34.0	34.0
GE 4000	22.5	30.8	32.3	32.9	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.8	34.0	34.0	34.0
GE 3500	23.3	32.1	33.6	34.1	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9	35.1	35.2	35.2	35.2
GE 3000	24.3	33.0	34.5	35.1	35.7	35.7	35.9	35.9	35.9	35.9	35.9	35.9	36.0	36.2	36.2	36.2
GE 2500	26.7	35.9	37.4	38.1	38.7	38.7	39.0	39.0	39.0	39.0	39.0	39.0	39.2	39.3	39.3	39.3
GE 2000	29.2	38.7	40.2	41.1	41.7	41.7	42.0	42.2	42.2	42.2	42.2	42.2	42.3	42.4	42.4	42.4
GE 1800	29.9	39.4	40.9	41.7	42.4	42.4	42.7	43.0	43.0	43.0	43.0	43.0	43.1	43.2	43.2	43.2
GE 1500	32.2	42.8	45.3	46.4	47.1	47.1	47.3	47.6	47.6	47.6	47.6	47.6	47.7	47.9	47.9	47.9
GE 1200	34.5	47.1	49.7	51.2	52.1	52.1	52.4	52.8	52.8	52.8	52.8	52.8	52.9	53.1	53.1	53.1
GE 1000	35.6	51.7	55.0	56.5	57.4	57.4	57.8	58.3	58.3	58.3	58.3	58.3	58.4	58.5	58.5	56.5
GE 900	35.9	54.3	58.3	59.9	60.8	60.8	61.4	61.8	61.8	61.8	61.9	61.9	62.1	62.2	62.2	62.2
GE 800	36.6	56.6	61.4	63.4	64.9	64.9	65.5	66.0	66.0	66.0	66.2	66.2	66.3	66.4	66.4	66.4
GE 700	36.8	58.5	64.0	67.3	69.2	69.2	69.8	70.5	70.5	70.5	70.7	70.7	70.8	70.9	70.9	70.9
GE 600	36.8	59.3	65.9	70.7	74.5	74.5	75.2	75.9	76.0	76.0	76.1	76.1	76.3	76.4	76.4	76.4
GE 500	36.8	60.0	67.7	73.0	79.4	79.4	81.4	82.4	82.5	82.5	82.7	82.7	82.9	83.1	83.2	83.4
GE 400	36.8	60.6	68.6	74.4	82.9	83.6	86.6	88.4	89.1	89.2	89.5	89.5	89.9	90.0	90.2	90.6
GE 300	36.8	60.7	68.8	74.6	83.4	84.3	87.9	90.3	91.4	92.2	92.9	92.9	94.1	94.4	94.8	95.2
GE 200	36.8	60.7	68.8	74.6	83.5	84.4	88.0	90.5	91.5	92.4	93.2	93.2	95.0	95.9	96.5	96.5
GE 100	36.8	60.7	68.8	74.6	83.5	84.4	88.0	90.5	91.7	92.5	93.5	93.5	95.6	96.7	97.7	99.9
GE 0	36.8	60.7	68.8	74.6	83.5	84.4	88.0	90.5	91.7	92.5	93.5	93.5	95.6	96.7	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 733

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	41.5	52.1	53.1	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 20000	42.7	53.3	54.4	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 18000	42.7	53.3	54.4	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 16000	42.8	53.5	54.5	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 14000	43.6	54.2	55.3	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 12000	43.7	54.4	55.4	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 10000	44.0	54.6	55.6	55.8	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 9000	44.0	54.7	55.8	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 8000	44.1	55.0	56.0	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 7000	44.2	55.1	56.2	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 6000	44.2	55.1	56.2	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 5000	44.4	55.3	56.3	56.4	56.4	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 4500	44.5	55.4	56.4	56.5	56.5	56.5	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 4000	45.0	56.0	57.1	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 3500	46.0	57.1	58.1	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	56.3	58.3	58.3
GE 3000	47.4	58.7	59.7	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 2500	48.2	59.5	60.6	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 2000	51.2	63.1	64.2	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 1800	51.8	63.8	65.0	65.1	65.1	65.1	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 1500	54.2	68.7	70.1	70.4	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 1200	55.5	74.1	75.8	76.0	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 1000	58.8	79.0	81.9	82.4	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 900	59.4	81.4	84.7	85.4	85.6	85.6	85.6	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 800	60.3	83.7	87.9	89.1	89.5	89.5	89.6	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 700	60.4	85.3	90.3	91.9	92.7	92.7	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 600	60.5	87.1	92.7	94.9	96.3	96.3	96.4	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 500	60.6	87.4	93.2	95.8	97.8	97.8	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	96.5
GE 400	60.8	87.7	93.5	96.2	98.5	98.6	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	60.8	87.7	93.5	96.2	98.6	98.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	60.8	87.7	93.5	96.2	98.6	98.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	60.8	87.7	93.5	96.2	98.6	98.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	60.8	87.7	93.5	96.2	98.6	98.7	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 780

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	64.7	71.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 20000	67.2	74.5	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 18000	67.6	74.9	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 16000	67.6	74.9	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 14000	68.1	75.4	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 12000	68.7	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 10000	68.8	76.2	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 9000	69.0	76.3	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 8000	69.2	76.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 7000	69.2	76.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 6000	69.2	76.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 5000	69.4	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
GE 4500	69.4	76.9	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 4000	70.1	77.8	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 3500	70.5	78.2	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 3000	71.3	79.2	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	80.1
GE 2500	71.9	80.3	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 2000	73.3	82.2	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 1800	74.0	82.8	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 1500	76.0	84.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 1200	79.0	89.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1000	81.0	93.1	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 900	81.5	94.0	96.0	96.0	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 800	82.2	94.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 700	82.8	96.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	82.8	96.7	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	82.8	96.8	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	82.8	96.8	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	82.8	96.8	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	82.8	96.8	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	82.8	96.8	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	82.8	96.8	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 780

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	53.8	63.9	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 20000	62.5	68.2	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 18000	63.2	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 16000	63.4	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	69.2
GE 14000	63.8	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 12000	64.1	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 10000	64.1	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 9000	64.1	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 8000	64.2	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	70.2	70.2
GE 7000	64.4	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
GE 6000	64.4	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
GE 5000	64.4	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
GE 4500	64.4	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
GE 4000	65.1	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 3500	65.1	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 3000	65.8	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 2500	66.3	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
GE 2000	66.6	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 1800	66.7	73.1	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 1500	68.2	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 1200	72.0	80.1	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 1000	74.9	84.8	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 900	76.5	87.2	88.0	88.5	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 800	78.1	89.8	90.7	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 700	79.0	92.0	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 600	79.7	93.4	94.9	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 500	80.0	94.3	96.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 400	80.1	94.7	96.8	98.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	80.3	95.3	97.4	98.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	80.3	95.3	97.4	98.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	80.3	95.3	97.4	98.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	80.3	95.3	97.4	98.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 665

GAL CLIMATOLOGY BRANCH
FETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
CEIL	48.8	54.4	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
20000	50.1	56.6	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
18000	50.5	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
16000	50.7	57.4	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	57.5
14000	50.8	57.5	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
12000	51.2	57.9	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
10000	51.2	58.3	58.3	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
9000	51.2	58.3	58.3	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
8000	51.2	58.3	58.3	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
7000	51.2	58.3	58.3	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
6000	51.2	58.3	58.3	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
5000	51.2	58.3	58.3	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
4500	51.4	58.5	58.5	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
4000	51.6	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
3500	51.6	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
3000	52.5	59.6	59.6	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
2500	52.9	60.0	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
2000	53.6	61.1	61.6	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
1800	53.6	61.1	61.6	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
1500	54.2	61.6	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
1200	57.7	66.5	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
1000	59.8	71.3	72.1	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
900	60.9	75.2	76.2	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
800	62.9	79.7	80.6	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
700	64.8	83.1	84.0	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
600	66.5	86.6	87.9	88.6	89.0	89.0	89.2	89.2	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6
500	67.0	88.8	90.7	92.0	93.1	93.1	93.3	93.3	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7
400	67.4	89.4	91.4	93.5	94.8	94.8	95.3	95.3	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9
300	67.4	89.6	91.8	93.9	95.5	95.5	96.5	96.6	97.6	98.1	98.7	98.7	99.1	99.1	99.1	99.1
200	67.4	89.6	91.8	93.9	95.5	95.5	96.5	96.6	97.6	98.1	99.3	99.3	99.8	99.8	99.8	99.8
100	67.4	89.6	91.8	93.9	95.5	95.5	96.5	96.6	97.6	98.1	99.3	99.3	99.8	100.0	100.0	100.0
0	67.4	89.6	91.8	93.9	95.5	95.5	96.5	96.6	97.6	98.1	99.3	99.3	99.8	100.0	100.0	100.0

TAL NUMBER OF OBSERVATIONS: 537

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	43.7	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 20000	44.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 18000	44.0	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 16000	44.0	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 14000	44.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 12000	44.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 10000	44.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 9000	44.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 8000	44.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 7000	44.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 6000	44.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 5000	44.7	55.6	55.6	55.6	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 4500	44.7	55.6	55.6	55.6	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 4000	44.7	55.6	55.6	55.6	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 3500	44.7	55.6	55.6	55.6	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 3000	45.4	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 2500	45.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 2000	47.2	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	59.0	59.0
GE 1800	47.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 1500	48.4	60.5	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 1200	49.4	62.7	63.2	63.2	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 1000	52.3	66.7	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 900	53.3	70.4	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 800	53.6	73.8	74.3	74.3	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 700	54.8	79.3	79.8	79.8	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 600	56.0	82.2	82.7	82.7	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 500	56.3	84.4	85.7	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.2	87.2
GE 400	57.3	86.7	88.1	89.4	90.1	90.4	90.6	90.6	90.6	90.9	90.9	90.9	90.9	90.9	91.4	91.4
GE 300	57.3	86.7	88.6	90.4	91.9	92.1	93.3	93.8	94.1	94.6	94.6	94.6	94.8	94.8	95.6	95.6
GE 200	57.3	86.7	88.9	90.6	92.3	92.6	93.8	94.3	94.6	95.6	96.0	96.0	97.5	98.0	98.8	98.8
GE 100	57.3	86.7	88.9	90.6	92.3	92.6	93.8	94.3	94.6	95.6	96.0	96.0	97.8	98.3	99.3	100.0
GE 0	57.3	86.7	88.9	90.6	92.3	92.6	93.8	94.3	94.6	95.6	96.0	96.0	97.8	98.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 405

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	46.6	54.2	54.8	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2
GE 20000	48.3	56.3	57.0	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 18000	48.5	56.7	57.3	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7
GE 16000	48.6	56.7	57.4	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.8
GE 14000	49.1	57.2	57.8	58.0	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 12000	49.3	57.4	58.1	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5
GE 10000	49.4	57.6	58.3	58.4	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 9000	49.5	57.7	58.4	58.5	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8
GE 8000	49.6	57.9	58.6	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0
GE 7000	49.7	58.0	58.6	58.8	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 6000	49.7	58.0	58.6	58.8	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 5000	49.7	58.0	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1
GE 4500	49.8	58.1	58.8	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2
GE 4000	50.2	58.6	59.3	59.5	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 3500	50.6	59.2	59.9	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3
GE 3000	51.6	60.2	60.9	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 2500	52.4	61.3	62.2	62.3	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 2000	54.1	63.4	64.2	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7
GE 1800	54.5	63.9	64.7	64.9	65.0	65.0	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 1500	56.3	66.4	67.5	67.8	67.9	67.9	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 1200	59.0	71.0	72.4	72.8	73.0	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 1000	61.2	75.4	77.3	77.8	78.0	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 900	62.0	77.9	80.0	80.6	80.9	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2
GE 800	63.0	80.4	82.9	83.6	84.1	84.1	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 700	63.7	82.7	85.6	86.7	87.3	87.3	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 600	64.2	84.3	87.7	89.3	90.4	90.4	90.6	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9
GE 500	64.4	85.3	89.1	91.0	92.9	92.9	93.4	93.6	93.7	93.7	93.7	93.7	93.8	93.8	93.9	93.9
GE 400	64.6	85.8	89.8	92.1	94.6	94.8	95.5	95.9	96.1	96.2	96.3	96.3	96.4	96.4	96.5	96.5
GE 300	64.6	85.9	90.1	92.4	95.1	95.3	96.4	97.0	97.4	97.7	97.9	97.9	98.2	98.3	98.4	98.5
GE 200	64.6	85.9	90.1	92.4	95.2	95.4	96.4	97.1	97.5	97.9	98.2	98.2	98.8	99.0	99.2	99.6
GE 100	64.6	85.9	90.1	92.4	95.2	95.4	96.4	97.1	97.5	97.9	98.3	98.3	98.9	99.2	99.5	100.0
GE 0	64.6	85.9	90.1	92.4	95.2	95.4	96.4	97.1	97.5	97.9	98.3	98.3	98.9	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 3920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: JUL HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	13.1	19.7	21.7	22.3	22.6	22.6	22.9	22.9	22.9	23.0	23.0	23.0	23.3	23.4	23.5	23.5
GE 20000	13.2	19.9	21.9	22.6	22.9	22.9	23.1	23.1	23.1	23.3	23.3	23.3	23.5	23.7	23.8	23.8
GE 18000	13.2	19.9	21.9	22.6	22.9	22.9	23.1	23.1	23.1	23.3	23.3	23.3	23.5	23.7	23.8	23.8
GE 16000	13.2	19.9	21.9	22.6	22.9	22.9	23.1	23.1	23.1	23.3	23.3	23.3	23.5	23.7	23.8	23.8
GE 14000	13.5	20.2	22.2	22.9	23.1	23.1	23.4	23.4	23.4	23.5	23.5	23.5	23.8	23.9	24.1	24.1
GE 12000	13.6	20.3	22.3	23.0	23.3	23.3	23.5	23.5	23.5	23.7	23.7	23.7	23.9	24.1	24.2	24.2
GE 10000	13.6	20.5	22.5	23.1	23.4	23.4	23.7	23.7	23.7	23.8	23.8	23.8	24.1	24.2	24.3	24.3
GE 9000	13.6	20.5	22.5	23.1	23.4	23.4	23.7	23.7	23.7	23.8	23.8	23.8	24.1	24.2	24.3	24.3
GE 8000	14.0	20.9	22.9	23.5	23.8	23.8	24.1	24.1	24.1	24.2	24.2	24.2	24.5	24.6	24.7	24.7
GE 7000	14.0	20.9	22.9	23.5	23.8	23.8	24.1	24.1	24.1	24.2	24.2	24.2	24.5	24.6	24.7	24.7
GE 6000	14.0	20.9	22.9	23.5	23.8	23.8	24.1	24.1	24.1	24.2	24.2	24.2	24.5	24.6	24.7	24.7
GE 5000	14.0	20.9	22.9	23.5	23.9	23.9	24.3	24.3	24.3	24.5	24.5	24.5	24.7	24.9	25.0	25.0
GE 4500	14.3	21.1	23.1	23.8	24.2	24.2	24.6	24.6	24.7	24.9	24.9	24.9	25.1	25.3	25.4	25.4
GE 4000	14.6	21.4	23.4	24.1	24.5	24.5	25.0	25.0	25.1	25.3	25.3	25.3	25.5	25.7	25.8	25.8
GE 3500	15.1	22.1	24.2	24.9	25.3	25.3	25.8	25.8	25.9	26.1	26.1	26.1	26.3	26.5	26.6	26.6
GE 3000	15.5	22.6	24.7	25.4	25.8	25.8	26.3	26.3	26.5	26.6	26.6	26.6	26.9	27.0	27.1	27.1
GE 2500	16.3	23.5	25.7	26.3	26.7	26.7	27.3	27.3	27.4	27.5	27.5	27.5	27.8	27.9	28.1	28.1
GE 2000	17.8	25.3	27.4	28.1	28.5	28.5	29.0	29.0	29.1	29.3	29.3	29.3	29.5	29.7	29.8	29.8
GE 1800	18.0	25.5	27.7	28.3	28.7	28.7	29.3	29.3	29.4	29.5	29.5	29.5	29.8	29.9	30.1	30.1
GE 1500	18.6	26.5	28.7	29.4	29.8	29.8	30.3	30.3	30.5	30.6	30.6	30.6	30.9	31.0	31.1	31.1
GE 1200	19.4	28.1	30.7	31.4	31.8	31.8	32.4	32.4	32.5	32.6	32.6	32.6	32.9	33.0	33.2	33.2
GE 1000	20.2	30.3	33.3	34.2	34.8	34.8	35.3	35.3	35.4	35.6	35.6	35.6	35.8	36.0	36.1	36.1
GE 900	21.5	32.6	36.1	37.3	38.0	38.0	38.5	38.5	38.6	38.8	38.8	38.8	39.0	39.2	39.3	39.3
GE 800	22.3	35.3	39.7	41.2	42.0	42.1	42.6	42.6	42.8	42.9	42.9	42.9	43.2	43.3	43.4	43.4
GE 700	22.3	35.5	41.6	43.9	45.3	45.5	46.0	46.0	46.1	46.3	46.3	46.3	46.5	46.7	46.8	46.8
GE 600	22.3	39.0	45.5	49.1	51.3	51.7	52.7	52.8	53.1	53.5	53.6	53.6	53.9	54.0	54.1	54.1
GE 500	22.3	39.4	47.1	52.4	56.7	57.5	59.9	60.7	61.5	62.0	62.3	62.3	63.0	63.1	63.2	63.2
GE 400	22.3	39.6	48.0	54.7	60.7	62.2	67.1	69.4	71.1	73.0	73.8	73.9	75.0	75.3	75.4	75.4
GE 300	22.3	39.6	48.4	55.2	61.4	63.2	69.9	73.1	76.3	80.5	83.2	84.0	86.5	86.9	87.4	87.7
GE 200	22.3	39.6	48.5	55.3	61.5	63.4	70.1	73.4	77.0	82.2	85.7	86.6	91.0	92.1	93.3	95.2
GE 100	22.3	39.6	48.5	55.3	61.5	63.4	70.1	73.4	77.0	82.2	86.2	87.2	92.0	93.3	95.6	99.6
GE 0	22.3	39.6	48.5	55.3	61.5	63.4	70.1	73.4	77.0	82.2	86.2	87.2	92.0	93.3	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 748

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: JUL HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.4	42.6	44.7	45.7	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 20000	32.7	44.3	46.5	47.5	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 18000	32.7	44.3	46.5	47.5	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 16000	32.7	44.3	46.5	47.5	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	46.2
GE 14000	33.2	45.0	47.1	48.1	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	46.8
GE 12000	33.4	45.2	47.3	48.3	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 10000	33.7	45.5	47.6	48.6	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 9000	33.9	45.7	47.8	48.8	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 8000	34.0	45.8	48.0	48.9	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 7000	34.0	45.8	48.0	48.9	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 6000	34.0	45.8	48.0	48.9	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 5000	34.0	45.8	48.0	48.9	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 4500	34.0	45.8	48.0	48.9	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 4000	34.4	46.2	48.3	49.3	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 3500	35.4	47.2	49.3	50.3	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 3000	35.4	47.5	49.6	50.6	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 2500	36.1	48.2	50.3	51.3	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 2000	37.1	49.4	51.6	52.5	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 1800	37.4	49.7	51.8	52.8	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 1500	38.8	51.3	53.7	54.7	55.3	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 1200	42.4	56.5	59.3	60.2	60.9	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 1000	45.1	60.9	64.3	65.6	66.3	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 900	45.8	64.2	68.4	70.3	71.2	71.3	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 800	46.5	68.2	73.2	75.6	76.9	77.0	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 700	47.1	71.4	77.4	80.2	81.7	82.0	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 600	48.1	74.2	81.5	85.7	88.7	89.1	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 500	48.1	75.3	83.1	88.6	92.5	93.0	94.7	95.0	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 400	48.1	75.5	83.7	89.6	94.2	94.9	96.9	97.6	98.5	98.6	98.9	99.4	99.4	99.4	99.4	99.4
GE 300	48.1	75.5	83.7	89.6	94.3	95.2	97.3	98.0	99.0	99.1	99.4	99.9	99.9	99.9	99.9	99.9
GE 200	48.1	75.5	83.7	89.6	94.3	95.2	97.3	98.0	99.1	99.3	99.5	100.0	100.0	100.0	100.0	100.0
GE 100	48.1	75.5	83.7	89.6	94.3	95.2	97.3	98.0	99.1	99.3	99.5	100.0	100.0	100.0	100.0	100.0
GE 0	48.1	75.5	83.7	89.6	94.3	95.2	97.3	98.0	99.1	99.3	99.5	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 805

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: JUL HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	54.6	63.6	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 20000	57.9	67.0	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 18000	58.1	67.3	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 16000	58.1	67.3	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 14000	58.2	67.4	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 12000	58.4	67.7	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 10000	58.7	68.0	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 9000	59.2	68.5	69.0	69.0	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 8000	59.2	68.5	69.0	69.0	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 7000	59.2	68.5	69.0	69.0	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 6000	59.2	68.5	69.0	69.0	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 5000	59.5	68.8	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	59.6	68.9	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 4000	60.0	69.3	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 3500	60.5	69.8	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 3000	61.2	70.8	71.3	71.3	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 2500	61.3	70.9	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 2000	62.6	72.1	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 1800	62.6	72.1	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 1500	64.1	73.6	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 1200	68.2	78.4	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 1000	72.5	84.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 900	73.7	87.0	88.2	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
GE 800	75.1	89.7	91.3	91.4	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 700	76.0	92.7	94.5	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 600	76.7	94.2	97.0	97.4	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	77.8	95.7	98.5	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	77.9	95.8	98.6	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	78.2	96.0	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	78.2	96.0	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	78.2	96.0	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	78.2	96.0	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 807

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: JUL HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	49.8	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 20000	51.7	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 18000	51.7	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 16000	51.7	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 14000	51.7	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 12000	51.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 10000	52.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 9000	52.5	55.6	55.6	55.6	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 8000	52.7	55.7	55.7	55.7	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 7000	53.0	56.0	56.0	56.0	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 6000	53.0	56.0	56.0	56.0	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 5000	53.0	56.0	56.0	56.0	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 4500	53.0	56.0	56.0	56.0	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 4000	53.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 3500	53.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 3000	54.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 2500	54.7	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 2000	55.2	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 1800	55.2	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 1500	55.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 1200	58.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 1000	64.3	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 900	66.3	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 800	69.7	76.9	77.5	77.6	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 700	73.0	82.9	84.2	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
GE 600	74.3	85.9	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	88.2
GE 500	76.1	88.7	91.6	92.5	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 400	76.6	90.0	93.3	94.3	96.2	96.2	97.1	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 300	76.8	90.3	93.6	95.1	97.2	97.4	98.7	98.8	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	76.8	90.3	93.6	95.1	97.2	97.4	98.8	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	76.8	90.3	93.6	95.1	97.2	97.4	98.8	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	76.8	90.3	93.6	95.1	97.2	97.4	98.8	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 689

LOBAL CLIMATOLOGY BRANCH
SAFETAC
IR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: JUL HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	34.3	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 20000	35.3	40.5	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 18000	35.4	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 16000	35.4	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 14000	35.8	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 12000	35.8	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 10000	36.2	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 9000	36.8	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 8000	37.1	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 7000	37.1	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 6000	37.1	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 5000	37.1	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 4500	37.1	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 4000	37.9	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 3500	37.9	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 3000	38.2	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 2500	38.2	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 2000	39.4	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 1800	39.4	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 1500	39.8	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 1200	40.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 1000	42.0	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 900	44.8	53.9	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 800	48.1	59.5	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 700	50.0	63.2	64.4	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 600	51.9	67.2	68.8	70.7	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 500	53.4	71.1	74.6	78.5	80.6	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 400	53.9	73.1	77.6	82.6	86.2	86.6	87.1	87.3	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 300	53.9	73.3	77.8	83.2	87.1	87.5	88.8	89.4	89.9	91.2	91.4	91.4	91.4	91.4	91.4	91.4
GE 200	53.9	73.3	77.8	83.2	87.1	87.5	88.8	89.6	90.1	92.4	92.7	92.9	94.0	95.3	96.5	97.0
GE 100	53.9	73.3	77.8	83.2	87.1	87.5	88.8	89.6	90.1	92.4	92.9	93.1	94.4	96.5	97.9	99.1
GE 0	53.9	73.3	77.8	83.2	87.1	87.5	88.8	89.6	90.1	92.4	93.1	93.3	94.6	96.6	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 536

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 77-85
MONTH: JUL HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.3	36.9	36.9	36.9	36.9	36.9	37.2	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 20000	27.8	37.5	37.5	37.5	37.5	37.5	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 18000	27.8	37.5	37.5	37.5	37.5	37.5	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 16000	27.8	37.5	37.5	37.5	37.5	37.5	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	36.1
GE 14000	27.8	37.5	37.5	37.5	37.5	37.5	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 12000	27.8	37.5	37.5	37.5	37.5	37.5	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	36.1
GE 10000	27.8	37.5	37.5	37.5	37.5	37.5	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	36.1
GE 9000	28.1	37.8	37.8	37.8	37.8	37.8	38.1	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	36.4
GE 8000	28.1	37.8	37.8	37.8	37.8	37.8	38.1	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	36.4
GE 7000	28.4	38.1	38.1	38.1	38.1	38.1	38.4	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
GE 6000	28.4	38.1	38.1	38.1	38.1	38.1	38.4	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
GE 5000	28.4	38.1	38.1	38.1	38.1	38.1	38.4	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	36.6
GE 4500	28.7	38.4	38.4	38.4	38.4	38.4	38.6	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	36.9
GE 4000	28.7	38.4	38.4	38.4	38.4	38.4	38.6	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	36.9
GE 3500	29.3	38.9	38.9	38.9	38.9	38.9	39.2	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
GE 3000	30.1	39.8	39.8	39.8	39.8	39.8	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 2500	30.4	40.1	40.1	40.1	40.1	40.1	40.3	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 2000	30.7	40.3	40.3	40.3	40.3	40.3	40.6	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 1800	30.7	40.3	40.3	40.3	40.3	40.3	40.6	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 1500	31.0	41.2	41.2	41.2	41.2	41.2	41.5	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 1200	31.3	41.5	41.5	41.5	41.5	41.5	41.8	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 1000	31.8	42.6	42.6	42.6	42.6	42.6	42.9	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 900	33.0	45.7	45.7	45.7	45.7	45.7	46.0	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 800	34.9	50.9	50.9	51.1	51.1	51.1	51.4	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 700	36.4	54.5	54.5	55.1	55.1	55.1	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 600	36.9	57.1	57.4	58.0	58.0	58.0	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 500	37.5	60.5	61.4	63.1	64.5	64.5	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 400	38.4	64.5	66.8	71.0	74.1	74.4	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.9	75.9
GE 300	38.4	66.5	69.6	75.3	79.5	80.1	81.3	81.8	82.1	83.0	83.0	83.0	83.0	83.0	83.8	83.8
GE 200	38.4	66.5	69.6	75.3	79.5	80.1	81.8	83.0	83.5	84.9	85.8	85.8	88.4	89.8	91.2	92.6
GE 100	38.4	66.5	69.6	75.3	79.5	80.1	81.8	83.0	83.5	84.9	85.8	85.8	88.6	90.9	93.8	97.2
GE 0	38.4	66.5	69.6	75.3	79.5	80.1	81.8	83.0	83.5	84.9	85.8	85.8	88.9	91.2	95.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 352

LOBAL CLIMATOLOGY BRANCH
SAFETAC
IR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

TATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: JUL HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
10 CEIL	35.9	43.4	44.3	44.6	44.8	44.8	44.9	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.1	45.1
GE 20000	37.4	45.0	45.9	46.3	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.7	46.7	46.7	46.7
GE 18000	37.5	45.1	46.1	46.4	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.8	46.8	46.8	46.8
GE 16000	37.5	45.1	46.1	46.4	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.8	46.8	46.8	46.8
GE 14000	37.7	45.4	46.3	46.6	46.8	46.8	46.9	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.1	47.1
GE 12000	37.8	45.5	46.5	46.8	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.2	47.2	47.2	47.2
GE 10000	38.1	45.8	46.8	47.1	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.5	47.5	47.5	47.5
GE 9000	38.4	46.1	47.1	47.4	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.8	47.8	47.8	47.8
GE 8000	38.6	46.3	47.2	47.6	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	48.0	48.0	48.0	48.0
GE 7000	38.6	46.4	47.3	47.7	47.8	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.1	48.1	48.1
GE 6000	38.6	46.4	47.3	47.7	47.8	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.1	48.1	48.1
GE 5000	38.7	46.4	47.4	47.7	47.9	47.9	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.2	48.2	48.2
GE 4500	33.8	46.5	47.5	47.8	48.0	48.0	48.1	48.2	48.2	48.2	48.2	48.2	48.3	48.3	48.3	48.3
GE 4000	39.2	47.0	47.9	48.2	48.4	48.5	48.6	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.8	48.8
GE 3500	39.7	47.5	48.4	48.8	49.0	49.0	49.1	49.1	49.2	49.2	49.2	49.2	49.3	49.3	49.3	49.3
GE 3000	40.1	48.0	49.0	49.3	49.5	49.6	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.9	49.9
GE 2500	40.6	48.5	49.5	49.8	50.0	50.0	50.1	50.2	50.2	50.2	50.2	50.2	50.3	50.3	50.3	50.3
GE 2000	41.4	49.5	50.4	50.7	51.0	51.0	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3
GE 1800	41.5	49.6	50.5	50.9	51.1	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.4	51.4	51.4
GE 1500	42.4	50.6	51.7	52.0	52.2	52.2	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6
GE 1200	44.9	53.9	55.1	55.5	55.7	55.7	55.8	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0
GE 1000	47.7	58.1	59.6	60.1	60.3	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.7	60.7	60.7
GE 900	49.2	61.2	63.0	63.7	64.0	64.0	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.4	64.4
GE 800	51.0	65.2	67.5	68.5	68.9	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3
GE 700	52.3	68.5	71.5	72.8	73.4	73.5	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9
GE 600	53.2	71.2	75.6	77.0	78.3	78.4	78.9	78.9	79.0	79.1	79.1	79.1	79.2	79.2	79.2	79.2
GE 500	53.9	73.1	77.8	80.8	83.2	83.4	84.4	84.6	84.8	85.0	85.0	85.0	85.1	85.2	85.2	85.2
GE 400	54.2	74.1	79.3	83.1	86.4	86.9	88.5	89.2	89.8	90.2	90.4	90.6	90.8	90.8	90.9	90.9
GE 300	54.3	74.4	79.8	83.8	87.4	88.1	90.3	91.2	92.2	93.3	94.0	94.2	94.7	94.8	94.9	95.0
GE 200	54.3	74.4	79.8	83.9	87.4	88.1	90.4	91.4	92.5	94.1	94.9	95.2	96.4	97.0	97.5	98.0
GE 100	54.3	74.4	79.8	83.9	87.4	88.1	90.4	91.4	92.5	94.1	95.0	95.4	96.7	97.4	98.3	99.5
GE 0	54.3	74.4	79.8	83.9	87.4	88.1	90.4	91.4	92.5	94.1	95.1	95.4	96.7	97.5	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 2937

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: AUG HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	14.7	21.7	23.4	24.3	25.1	25.2	25.3	25.4	25.4	25.6	25.6	25.6	25.7	25.8	26.0	26.5
GE 20000	14.8	22.1	23.9	24.8	25.7	25.8	26.0	26.1	26.1	26.2	26.2	26.2	26.3	26.5	26.6	27.2
GE 18000	14.8	22.1	23.9	24.8	25.7	25.8	26.0	26.1	26.1	26.2	26.2	26.2	26.3	26.5	26.6	27.2
GE 16000	14.8	22.1	23.9	24.8	25.7	25.8	26.0	26.1	26.1	26.2	26.2	26.2	26.3	26.5	26.6	27.2
GE 14000	15.2	23.0	24.8	25.7	26.6	26.7	26.9	27.0	27.0	27.1	27.1	27.1	27.2	27.4	27.5	28.1
GE 12000	15.5	23.4	25.2	26.1	27.0	27.2	27.5	27.6	27.6	27.7	27.7	27.7	27.9	28.0	28.1	26.8
GE 10000	16.0	24.0	25.8	26.7	27.6	27.9	28.1	28.3	28.3	28.4	28.4	28.4	28.5	28.6	28.8	29.4
GE 9000	16.0	24.2	26.0	26.9	27.7	28.0	28.3	28.4	28.4	28.5	28.5	28.5	28.6	28.8	28.9	29.5
GE 8000	16.1	24.3	26.1	27.0	27.9	28.3	28.5	28.6	28.6	28.8	28.8	28.8	28.9	29.0	29.2	29.8
GE 7000	16.1	24.3	26.1	27.0	27.9	28.3	28.5	28.6	28.6	28.8	28.8	28.8	28.9	29.0	29.2	29.8
GE 6000	16.2	24.4	26.2	27.1	28.0	28.4	28.6	28.8	28.8	28.9	28.9	28.9	29.0	29.2	29.3	29.9
GE 5000	16.6	24.8	26.6	27.5	28.4	28.8	29.0	29.2	29.2	29.3	29.3	29.3	29.4	29.5	29.7	30.3
GE 4500	16.6	24.8	26.6	27.5	28.4	28.8	29.0	29.2	29.2	29.3	29.3	29.3	29.4	29.5	29.7	30.3
GE 4000	16.8	25.2	27.0	27.9	28.8	29.2	29.4	29.5	29.5	29.7	29.7	29.7	29.8	29.9	30.1	30.7
GE 3500	16.8	25.3	27.1	28.0	28.9	29.3	29.5	29.7	29.7	29.8	29.8	29.8	29.9	30.1	30.2	30.8
GE 3000	17.0	25.7	27.5	28.4	29.3	29.7	29.9	30.1	30.1	30.2	30.2	30.2	30.3	30.4	30.6	31.2
GE 2500	17.8	26.5	28.3	29.2	30.1	30.4	30.7	30.8	30.8	30.9	30.9	30.9	31.1	31.2	31.3	32.0
GE 2000	18.7	27.7	29.5	30.6	31.5	31.8	32.1	32.2	32.2	32.4	32.4	32.4	32.5	32.6	32.7	33.4
GE 1800	19.2	28.4	30.2	31.2	32.1	32.5	32.7	32.9	32.9	33.0	33.0	33.0	33.1	33.2	33.4	34.0
GE 1500	20.7	30.3	32.2	33.2	34.1	34.5	34.8	34.9	34.9	35.0	35.0	35.0	35.2	35.3	35.4	36.1
GE 1200	22.9	33.4	35.4	36.7	37.7	38.1	38.4	38.5	38.5	38.6	38.6	38.6	38.7	38.9	39.0	39.6
GE 1000	24.2	35.9	38.6	40.2	41.3	41.7	41.9	42.1	42.1	42.2	42.2	42.2	42.3	42.5	42.6	43.2
GE 900	25.4	39.4	42.5	44.4	45.7	46.0	46.3	46.4	46.4	46.5	46.5	46.5	46.7	46.8	46.9	47.6
GE 800	26.0	41.7	45.8	48.1	49.7	50.3	50.6	50.8	50.8	51.0	51.0	51.0	51.2	51.3	51.4	52.0
GE 700	26.1	44.5	49.9	52.6	54.9	55.4	55.8	56.0	56.0	56.3	56.3	56.3	56.4	56.5	56.6	57.3
GE 600	26.2	46.7	53.1	57.2	60.5	61.1	61.8	62.1	62.1	62.4	62.4	62.4	62.5	62.7	62.8	63.4
GE 500	26.2	48.0	55.8	61.8	67.0	68.0	69.3	69.8	69.9	70.2	70.2	70.2	70.3	70.5	70.6	71.2
GE 400	26.2	48.6	57.3	64.2	70.2	71.2	74.6	76.0	76.7	77.6	77.7	77.7	78.0	78.3	78.4	79.0
GE 300	26.2	48.8	57.8	65.0	71.1	72.4	77.0	79.5	80.9	83.1	84.5	84.5	85.8	86.3	86.4	87.5
GE 200	26.2	48.8	57.8	65.1	71.2	72.5	77.4	80.1	82.1	84.8	87.2	87.3	90.7	93.0	93.4	94.9
GE 100	26.2	48.8	57.8	65.1	71.2	72.5	77.4	80.2	82.2	84.9	87.6	87.7	91.3	93.7	95.0	99.5
GE 0	26.2	48.8	57.8	65.1	71.2	72.5	77.4	80.2	82.2	84.9	87.6	87.7	91.3	93.7	95.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 782

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: AUG HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	34.2	44.9	46.8	47.5	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 20000	34.8	46.4	48.3	49.0	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 18000	34.9	46.7	48.6	49.3	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 16000	34.9	46.7	48.6	49.3	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 14000	35.0	46.8	48.7	49.4	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 12000	36.2	48.2	50.2	51.0	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 10000	37.0	49.5	51.5	52.3	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 9000	37.0	49.5	51.5	52.3	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 8000	37.0	49.5	51.5	52.3	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 7000	37.0	49.5	51.7	52.4	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 6000	37.1	49.6	51.8	52.5	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 5000	37.3	49.8	51.9	52.6	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 4500	37.3	49.8	51.9	52.6	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 4000	38.5	51.0	53.1	53.9	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 3500	39.2	52.1	54.3	55.2	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 3000	39.5	52.5	54.6	55.6	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 2500	40.0	53.1	55.2	56.2	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 2000	41.3	54.5	56.8	57.7	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 1800	42.1	55.4	57.6	58.6	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 1500	44.3	58.0	60.4	61.3	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 1200	48.0	63.5	66.5	67.5	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 1000	50.2	69.4	73.2	74.3	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 900	51.3	73.7	78.3	79.6	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 800	52.3	76.2	81.4	83.2	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 700	52.7	78.0	84.3	86.7	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 600	52.9	79.3	86.4	89.3	91.5	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 500	53.0	80.2	88.2	91.8	95.4	95.7	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 400	53.1	80.4	88.5	92.6	96.7	97.1	98.5	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	53.1	80.4	88.5	92.6	96.9	97.4	98.7	99.4	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	53.1	80.4	88.5	92.6	96.9	97.4	98.7	99.4	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	53.1	80.4	88.5	92.6	96.9	97.4	98.7	99.4	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 0	53.1	80.4	88.5	92.6	96.9	97.4	98.7	99.4	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 840

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: AUG HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	58.2	64.9	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.6	65.8	65.8	65.8	65.8	65.8	65.8
GE 20000	60.7	68.0	68.7	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
GE 18000	61.3	68.7	69.4	69.4	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 16000	61.3	68.7	69.4	69.4	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 14000	61.4	68.8	69.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 12000	62.5	69.9	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 10000	64.2	71.5	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 9000	64.2	71.5	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 8000	64.6	72.0	72.7	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 7000	64.8	72.3	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 6000	64.8	72.3	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 5000	65.0	72.5	73.2	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 4500	65.4	72.9	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4000	66.2	73.8	74.5	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 3500	66.8	74.4	75.1	75.1	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 3000	67.4	75.0	75.7	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 2500	67.4	75.4	76.1	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 2000	68.0	76.0	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 1800	68.1	76.1	76.8	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 1500	69.4	77.9	78.6	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 1200	73.3	82.5	83.3	83.3	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 1000	76.9	87.4	88.3	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 900	78.2	89.6	90.7	90.7	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 800	78.7	91.3	92.5	92.6	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 700	79.6	93.0	94.4	94.6	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 600	79.9	94.2	95.6	96.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 500	80.6	95.1	97.0	97.4	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	80.6	95.4	97.3	97.6	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	80.6	95.6	97.5	98.0	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	80.6	95.6	97.5	98.0	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	80.6	95.6	97.5	98.0	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	80.6	95.6	97.5	98.0	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 540

OBAL CLIMATOLOGY BRANCH
AFETAC
R WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

ILING IN EET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
CEIL	51.0	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	53.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
18000	54.3	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
16000	54.3	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
14000	54.6	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
12000	55.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
10000	55.7	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
9000	55.7	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
8000	56.1	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
7000	56.2	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
6000	56.2	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
5000	56.2	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
4500	56.9	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
4000	57.3	61.9	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
3500	57.8	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
3000	58.0	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
2500	58.0	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
2000	58.2	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
1800	58.2	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
1500	60.0	65.7	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
1200	62.9	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
1000	66.3	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
900	69.9	77.0	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
800	71.6	81.3	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9
700	73.1	84.6	85.2	85.5	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
600	74.9	88.1	88.8	89.3	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
500	76.5	91.3	92.9	94.0	95.2	95.2	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
400	76.7	92.5	94.6	95.7	97.9	98.1	98.1	98.3	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
300	76.7	92.9	95.2	96.3	98.5	98.6	98.8	99.0	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9
200	76.7	92.9	95.2	96.3	98.5	98.6	98.8	99.0	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0
100	76.7	92.9	95.2	96.3	98.5	98.6	98.8	99.0	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	76.7	92.9	95.2	96.3	98.5	98.6	98.8	99.0	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0

OTAL NUMBER OF OBSERVATIONS: 722

.L CLIMATOLOGY BRANCH
TAC
.EATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

.ON NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: AUG HOURS(LST): 1800-2000

ING	VISIBILITY IN STATUTE MILES															
T	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
EIL	45.6	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
0000	42.0	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
8000	42.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
6000	42.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
.4000	42.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
.2000	42.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
10000	43.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
9000	43.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
8000	43.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
7000	43.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
6000	43.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
5000	43.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
4500	44.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
4000	44.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
3500	44.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
3000	45.1	51.0	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
2500	45.1	51.0	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
2000	45.3	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
1800	45.3	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
1500	46.5	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
1200	49.8	56.6	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
1000	52.3	59.9	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
900	54.2	62.3	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	63.0
800	56.8	66.0	66.7	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
700	59.4	71.0	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
600	60.4	74.8	76.6	77.3	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
500	60.9	79.2	81.4	82.8	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
400	61.5	80.7	83.5	84.9	87.2	87.7	88.2	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
300	61.6	81.9	84.9	86.3	89.4	89.9	91.3	92.0	92.5	92.9	93.6	93.9	95.0	95.0	95.0	95.0
200	62.0	82.3	85.4	86.8	90.1	90.6	92.0	92.7	93.2	93.9	95.1	95.7	97.9	98.4	98.8	99.0
100	62.0	82.3	85.4	86.8	90.1	90.6	92.0	92.7	93.2	93.9	95.1	95.7	97.9	99.0	99.3	99.8
0	62.0	82.3	85.4	86.8	90.1	90.6	92.0	92.7	93.2	93.9	95.1	95.7	97.9	99.0	99.3	100.0

AL NUMBER OF OBSERVATIONS: 576

GLOBAL CLIMATOLOGY BRANCH
SAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 77-85
MONTH: AUG HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	42.3	51.1	51.1	51.1	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 20000	42.3	51.1	51.1	51.1	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 18000	42.3	51.1	51.1	51.1	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 16000	42.3	51.1	51.1	51.1	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 14000	42.3	51.1	51.1	51.1	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 12000	42.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 10000	42.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 9000	42.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 8000	42.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 7000	42.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 6000	42.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 5000	43.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 4500	43.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 4000	43.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 3500	43.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 3000	43.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 2500	43.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 2000	44.4	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 1800	44.9	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 1500	45.5	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	55.1
GE 1200	47.9	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 1000	50.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 900	52.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 800	53.5	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 700	56.6	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	71.8	71.8
GE 600	56.6	74.2	75.0	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 500	57.4	77.1	79.3	79.8	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 400	57.7	79.5	81.6	82.2	84.6	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.6	84.8	85.4
GE 300	58.2	81.6	84.6	85.1	88.0	88.0	88.3	88.3	88.6	89.4	89.9	89.9	91.8	91.8	91.8	92.3
GE 200	59.3	82.7	85.6	86.2	89.1	89.1	89.9	89.9	90.2	91.0	92.8	92.8	95.7	96.3	97.1	97.6
GE 100	59.3	82.7	85.6	86.2	89.1	89.1	89.9	89.9	90.2	91.0	92.8	92.8	96.0	96.8	97.9	99.2
GE 0	59.3	82.7	85.6	86.2	89.1	89.1	89.9	89.9	90.2	91.0	92.8	92.8	96.0	97.1	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 376

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: AUG HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	39.9	46.9	47.8	48.1	48.4	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.6
GE 20000	41.3	48.7	49.6	49.9	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.5
GE 18000	41.5	49.0	49.9	50.2	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.7	50.7	50.8
GE 16000	41.5	49.0	49.9	50.2	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.7	50.7	50.8
GE 14000	41.7	49.3	50.2	50.5	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.1
GE 12000	42.4	50.1	51.0	51.4	51.6	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.9	51.9	52.0
GE 10000	43.2	51.1	52.0	52.3	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.9	53.0
GE 9000	43.2	51.1	52.0	52.3	52.6	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.9	52.9	53.0
GE 8000	43.4	51.3	52.2	52.5	52.8	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.2
GE 7000	43.5	51.4	52.3	52.6	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.3
GE 6000	43.5	51.5	52.4	52.7	53.0	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.4
GE 5000	43.8	51.7	52.6	52.9	53.2	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.6
GE 4500	44.0	51.9	52.9	53.2	53.5	53.6	53.6	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.8
GE 4000	44.6	52.6	53.5	53.9	54.2	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.5
GE 3500	45.0	53.1	54.1	54.4	54.7	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.0	55.0	55.1
GE 3000	45.3	53.7	54.7	55.0	55.3	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.7
GE 2500	45.6	54.1	55.0	55.4	55.7	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.1
GE 2000	46.2	54.8	55.8	56.2	56.5	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.9
GE 1800	46.6	55.2	56.2	56.6	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.3
GE 1500	48.1	57.1	58.1	58.5	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.2
GE 1200	51.2	61.3	62.6	63.0	63.4	63.5	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.8
GE 1000	53.8	65.5	67.1	67.6	68.0	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.4
GE 900	55.4	68.8	70.6	71.3	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.1
GE 800	56.8	71.5	73.7	74.5	75.2	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.6	75.7
GE 700	58.0	74.3	77.1	78.3	79.2	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.6	79.7
GE 600	58.6	76.6	80.0	81.6	83.1	83.3	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.7	83.8
GE 500	59.1	78.7	82.9	85.3	87.8	88.1	88.4	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.8	86.9
GE 400	59.3	79.5	84.1	86.8	89.9	90.4	91.4	91.9	92.1	92.4	92.4	92.4	92.5	92.5	92.5	92.7
GE 300	59.4	80.0	84.6	87.5	91.0	91.4	92.8	93.7	94.1	94.7	95.2	95.2	95.8	95.9	96.0	96.2
GE 200	59.5	80.2	85.0	87.7	91.2	91.6	93.2	94.0	94.6	95.4	96.2	96.3	97.6	98.1	98.3	96.7
GE 100	59.5	80.2	85.0	87.7	91.2	91.6	93.2	94.0	94.6	95.4	96.3	96.4	97.7	98.4	98.8	99.8
GE 0	59.5	80.2	85.0	87.7	91.2	91.6	93.2	94.0	94.6	95.4	96.3	96.4	97.7	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 4136

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.6	32.4	33.8	34.1	34.5	34.6	34.8	35.2	35.3	35.6	35.7	35.7	35.9	36.1	36.8	37.4
GE 20000	26.6	33.8	35.5	35.7	36.1	36.3	36.4	36.8	37.0	37.3	37.4	37.4	37.5	37.8	38.8	39.3
GE 18000	27.0	34.3	36.0	36.3	36.7	36.8	37.0	37.4	37.5	37.6	38.0	38.0	38.1	38.4	39.3	39.9
GE 16000	27.1	34.9	36.6	36.8	37.3	37.4	37.5	38.0	38.1	38.4	38.5	38.5	38.6	38.9	39.9	40.4
GE 14000	27.1	35.0	36.7	37.0	37.4	37.5	37.7	38.1	38.2	38.5	38.6	38.6	38.8	39.1	40.0	40.6
GE 12000	27.8	35.7	37.5	38.0	38.4	38.5	38.6	39.1	39.2	39.5	39.6	39.6	39.8	40.0	41.0	41.6
GE 10000	28.0	36.0	37.8	38.2	38.6	38.8	38.9	39.3	39.5	39.8	39.9	39.9	40.0	40.3	41.3	41.8
GE 9000	29.3	36.3	38.1	38.5	38.9	39.1	39.2	39.6	39.8	40.0	40.2	40.2	40.3	40.6	41.6	42.1
GE 8000	29.9	37.3	39.1	39.5	39.9	40.0	40.2	40.6	40.7	41.0	41.1	41.1	41.3	41.6	42.5	43.1
GE 7000	29.4	37.7	39.5	39.9	40.3	40.4	40.6	41.0	41.1	41.4	41.6	41.6	41.7	42.0	42.9	43.5
GE 6000	29.8	38.2	40.0	40.4	40.9	41.0	41.1	41.6	41.7	42.0	42.1	42.1	42.2	42.5	43.5	44.0
GE 5000	30.3	39.3	41.3	41.8	42.2	42.4	42.5	42.9	43.1	43.4	43.5	43.5	43.6	43.9	44.9	45.4
GE 4500	31.2	40.2	42.1	42.7	43.1	43.2	43.4	43.8	43.9	44.2	44.3	44.3	44.5	44.7	45.7	46.3
GE 4000	32.0	41.1	43.2	43.8	44.2	44.3	44.5	44.9	45.0	45.3	45.4	45.4	45.6	45.8	46.8	47.4
GE 3500	32.5	42.0	44.0	44.6	45.0	45.2	45.3	45.7	45.8	46.1	46.3	46.3	46.4	46.7	47.6	48.2
GE 3000	34.5	43.9	46.0	46.5	47.0	47.1	47.2	47.6	47.8	48.1	48.2	48.2	48.3	48.6	49.6	50.1
GE 2500	35.7	46.0	48.1	48.6	49.0	49.2	49.3	49.7	49.9	50.1	50.3	50.3	50.4	50.7	51.7	52.2
GE 2000	33.6	49.4	51.7	52.2	52.6	52.8	52.9	53.3	53.5	53.7	53.9	53.9	54.0	54.3	55.3	55.8
GE 1800	39.5	50.4	52.6	53.2	53.6	53.7	53.9	54.3	54.4	54.7	54.8	54.8	55.0	55.3	56.2	56.8
GE 1500	41.0	52.6	55.3	55.8	56.2	56.4	56.5	56.9	57.1	57.3	57.5	57.5	57.6	57.9	58.9	59.4
GE 1200	42.1	55.7	58.4	59.0	59.6	59.7	59.8	60.2	60.4	60.7	60.8	60.8	60.9	61.2	62.2	62.7
GE 1000	42.4	56.9	60.0	60.8	61.4	61.5	61.6	62.0	62.2	62.5	62.6	62.6	62.7	63.0	64.0	64.5
GE 900	42.5	57.5	60.7	61.5	62.0	62.2	62.3	62.7	62.9	63.2	63.3	63.3	63.4	63.7	64.7	65.2
GE 800	42.5	57.6	61.2	62.2	62.7	62.9	63.2	63.6	63.7	64.0	64.1	64.1	64.3	64.5	65.5	66.1
GE 700	42.5	57.9	61.6	62.9	63.9	64.1	64.5	65.0	65.1	65.4	65.5	65.5	65.7	65.9	66.9	67.5
GE 600	42.5	58.3	62.5	65.0	67.2	67.5	67.9	68.6	68.7	69.0	69.1	69.1	69.3	69.5	70.5	71.1
GE 500	42.5	58.7	63.0	66.1	69.9	70.4	71.3	72.4	72.6	72.9	73.4	73.5	73.8	74.1	75.1	75.9
GE 400	42.5	58.7	63.7	67.3	72.0	72.3	75.6	77.3	77.8	78.5	79.5	79.6	80.1	80.5	81.6	82.7
GE 300	42.5	58.7	63.9	67.5	72.4	73.7	76.3	79.1	80.5	82.0	83.7	83.8	84.6	85.0	86.6	88.6
GE 200	42.5	58.7	63.9	67.5	72.4	73.7	76.7	79.6	81.2	82.8	85.9	86.0	88.1	89.1	90.9	95.0
GE 100	42.5	58.7	63.9	67.5	72.4	73.7	76.7	79.6	81.2	82.8	85.9	86.0	88.4	90.0	92.7	96.8
GE 0	42.5	58.7	63.9	67.5	72.4	73.7	76.7	79.6	81.2	82.8	85.9	85.0	88.4	90.0	92.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 722

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	42.5	51.4	53.2	53.3	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 20000	44.7	54.4	56.5	56.8	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 18000	45.0	54.8	56.9	57.1	58.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 16000	45.0	54.8	56.9	57.1	58.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 14000	45.4	55.5	57.5	57.9	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 12000	46.6	57.0	59.2	59.6	60.7	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 10000	47.5	58.3	60.5	60.9	62.0	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 9000	47.7	58.6	60.7	61.1	62.3	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 8000	49.0	60.1	62.3	62.7	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 7000	49.3	60.4	62.5	62.9	64.1	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 6000	49.7	61.0	63.2	63.6	64.7	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 5000	50.3	61.9	64.1	64.5	65.6	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 4500	51.1	62.7	64.9	65.4	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 4000	52.4	64.1	66.3	66.9	68.3	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	66.7
GE 3500	53.5	65.4	67.6	68.2	69.6	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 3000	55.3	67.2	69.4	70.0	71.4	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 2500	57.4	69.6	71.8	72.5	73.9	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 2000	58.7	71.0	73.2	73.9	75.3	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 1800	58.8	71.2	73.4	74.0	75.4	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 1500	60.5	74.1	76.4	77.1	78.5	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 1200	61.3	76.1	79.3	80.1	81.6	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 1000	61.9	77.5	81.2	82.2	83.9	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 900	62.0	78.5	82.8	84.2	86.0	86.0	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 800	62.2	79.5	84.4	86.2	88.2	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 700	62.2	79.8	85.1	87.4	90.0	90.0	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 600	62.3	80.2	85.8	88.5	91.9	91.9	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 500	62.3	80.4	86.4	89.4	93.7	93.6	95.2	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 400	62.3	80.6	86.6	90.0	94.7	95.0	96.8	97.7	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 300	62.3	80.6	86.6	90.0	95.0	95.4	97.3	98.2	98.7	99.1	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	62.3	80.6	86.6	90.0	95.0	95.4	97.3	98.2	98.7	99.1	99.7	99.7	99.7	99.7	99.9	99.9
GE 100	62.3	80.6	86.6	90.0	95.0	95.4	97.3	98.2	98.7	99.1	99.7	99.9	99.9	99.9	100.0	100.0
GE 0	62.3	80.6	86.6	90.0	95.0	95.4	97.3	98.2	98.7	99.1	99.7	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 777

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	61.3	68.7	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 20000	64.6	73.1	74.1	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 18000	64.9	73.5	74.5	74.6	74.6	74.6	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 16000	64.9	73.5	74.5	74.6	74.6	74.6	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 14000	65.4	74.1	75.2	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 12000	66.4	75.3	76.3	76.4	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 10000	68.1	77.1	78.1	78.2	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 9000	68.2	77.2	78.2	78.4	78.6	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 8000	69.6	79.0	80.1	80.2	80.4	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 7000	70.3	79.7	80.7	80.8	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 6000	71.0	80.6	81.7	81.9	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 5000	71.2	80.8	82.0	82.1	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 4500	71.8	81.5	82.6	82.8	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 4000	72.8	82.5	83.7	83.8	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 3500	73.7	83.4	84.6	84.7	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3000	74.3	84.0	85.2	85.3	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 2500	74.3	84.4	85.6	85.7	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 2000	75.5	86.2	87.4	87.5	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1800	75.9	86.6	87.8	87.9	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1500	76.3	87.1	88.3	88.4	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1200	77.1	88.2	89.3	89.4	89.8	89.8	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1000	77.6	90.1	91.5	91.6	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 900	77.6	90.3	91.8	92.0	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 800	77.9	91.6	93.3	93.6	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 700	77.9	91.6	93.8	94.6	95.2	95.2	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 600	77.9	93.2	95.5	96.5	97.6	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	77.9	93.7	96.3	97.8	98.8	98.8	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	77.9	93.7	96.4	98.1	99.1	99.1	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	77.9	93.7	96.4	98.1	99.1	99.1	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	77.9	93.7	96.4	98.1	99.1	99.1	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	77.9	93.7	96.4	98.1	99.1	99.1	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	77.9	93.7	96.4	98.1	99.1	99.1	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 777

GLOBAL CLIMATOLOGY BRANCH
SAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	60.6	63.1	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 20000	63.9	67.5	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 18000	65.1	68.7	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 16000	65.1	68.7	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 14000	65.7	69.3	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 12000	66.1	69.7	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 10000	68.2	72.0	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 9000	68.4	72.3	72.6	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 8000	69.3	73.2	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 7000	69.9	73.8	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 6000	71.1	75.1	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 5000	71.4	75.7	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 4500	71.7	76.0	76.3	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
GE 4000	72.3	76.6	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 3500	72.7	77.1	77.5	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	73.3	78.1	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 2500	73.3	78.4	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 2000	73.6	78.9	79.3	79.3	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 1800	73.6	78.9	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 1500	73.8	79.0	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 1200	74.7	80.2	80.8	80.8	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 1000	76.6	83.4	84.3	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
GE 900	77.4	85.0	86.1	86.2	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 800	78.1	87.0	88.0	88.2	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 700	78.4	88.8	90.4	90.6	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 600	78.7	91.0	93.4	93.6	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 500	79.0	92.8	95.4	95.8	96.9	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 400	79.0	93.1	95.7	96.1	97.3	97.3	97.8	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 300	79.0	93.1	95.7	96.3	97.5	97.5	98.2	98.5	98.8	99.3	99.3	99.4	99.4	99.4	99.4	99.4
GE 200	79.0	93.1	95.8	96.4	97.6	97.6	98.5	98.8	99.1	99.6	99.6	99.7	100.0	100.0	100.0	100.0
GE 100	79.0	93.1	95.8	96.4	97.6	97.6	98.5	98.8	99.1	99.6	99.6	99.7	100.0	100.0	100.0	100.0
GE 0	79.0	93.1	95.8	96.4	97.6	97.6	98.5	98.8	99.1	99.6	99.6	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 667

GLOBAL CLIMATOLOGY BR NCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	49.3	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 20000	50.4	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	57.7
GE 18000	51.0	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 16000	51.0	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 14000	51.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 12000	52.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 10000	54.8	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 9000	54.8	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 8000	55.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 7000	55.6	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	64.9
GE 6000	56.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 5000	56.4	65.8	65.8	65.8	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 4500	56.6	66.0	66.0	66.0	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 4000	56.6	66.2	66.4	66.4	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 3500	56.9	66.8	67.0	67.0	67.2	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 3000	57.9	68.9	69.1	69.1	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 2500	58.3	69.5	69.7	69.7	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 2000	59.3	70.7	70.8	70.8	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 1800	59.5	70.8	71.0	71.0	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 1500	60.8	72.6	72.8	72.8	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 1200	61.2	73.7	73.9	73.9	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 1000	61.8	75.3	75.5	75.5	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 900	62.0	75.9	76.1	76.1	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 800	62.4	78.0	78.4	78.4	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 700	63.3	81.9	82.4	82.4	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 600	63.7	84.0	85.1	85.3	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 500	63.9	84.7	86.3	87.1	88.0	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.6	88.6	88.6	88.6
GE 400	63.9	85.5	88.2	89.6	91.1	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.7	91.7	91.7	91.7
GE 300	63.9	85.5	88.2	89.6	91.3	91.3	91.7	91.7	91.7	92.1	92.9	92.9	93.4	93.4	93.4	93.4
GE 200	63.9	85.5	88.2	89.8	91.5	91.5	91.9	91.9	91.9	92.3	93.2	93.2	96.9	97.5	97.5	96.1
GE 100	63.9	85.5	88.2	89.8	91.5	91.5	92.1	92.1	92.1	92.5	93.4	93.4	97.1	97.7	98.6	100.0
GE 0	63.9	85.5	88.2	89.8	91.5	91.5	92.1	92.1	92.1	92.5	93.4	93.4	97.1	97.7	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 518

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 77-85
MONTH: SEP HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	44.5	56.1	56.1	56.4	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 20000	44.5	56.4	56.4	56.7	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 18000	45.1	57.0	57.0	57.3	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	45.1	57.0	57.0	57.3	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	45.1	57.3	57.3	57.6	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 12000	45.7	57.9	57.9	58.2	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 10000	48.4	60.5	60.5	60.8	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 9000	48.4	60.5	60.5	60.8	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 8000	49.3	61.4	61.4	61.7	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	49.3	61.4	61.4	61.7	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 6000	49.3	61.4	61.4	61.7	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 5000	49.3	61.4	61.4	61.7	62.6	62.6	62.9	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 4500	49.3	61.4	61.4	61.7	62.6	62.6	62.9	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 4000	49.3	62.0	62.0	62.3	63.2	63.2	63.5	63.5	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 3500	49.3	62.0	62.0	62.3	63.2	63.2	63.5	63.5	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 3000	49.9	63.2	63.2	63.5	64.4	64.4	64.7	64.7	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 2500	50.7	64.4	64.4	64.7	65.6	65.6	65.9	65.9	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 2000	51.3	65.0	65.0	65.3	66.2	66.2	66.5	66.5	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 1800	51.3	65.0	65.0	65.3	66.2	66.2	66.5	66.5	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 1500	53.1	68.0	68.0	68.2	69.1	69.1	69.4	69.4	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 1200	53.1	70.0	70.0	70.3	71.2	71.2	71.5	71.5	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 1000	53.1	71.2	71.5	71.8	73.0	73.0	73.3	73.3	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 900	53.1	71.8	72.1	72.4	73.6	73.6	73.9	73.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 800	53.4	73.0	73.3	73.6	74.8	74.8	75.1	75.1	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 700	54.0	76.6	76.9	77.2	78.3	78.3	78.6	78.6	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 600	54.6	78.3	78.6	78.9	80.4	80.4	80.7	80.7	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 500	54.9	80.1	80.7	81.3	82.8	82.8	83.1	83.1	83.1	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 400	55.5	81.6	82.8	85.8	87.5	87.5	87.8	88.1	88.1	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 300	55.8	81.9	83.7	86.9	89.9	89.9	90.2	90.8	90.8	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 200	55.8	81.9	83.7	87.2	90.2	90.2	90.5	91.1	91.1	93.2	93.2	93.2	95.3	97.0	97.0	97.6
GE 100	55.8	81.9	83.7	87.2	90.2	90.2	90.5	91.1	91.4	93.5	93.5	93.5	95.5	97.3	99.1	100.0
GE 0	55.8	81.9	83.7	87.2	90.2	90.2	90.5	91.1	91.4	93.5	93.5	93.5	95.5	97.3	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 337

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	47.3	54.3	55.1	55.2	55.6	55.6	55.7	55.8	55.8	55.9	55.9	55.9	55.9	56.0	56.1	56.2
GE 20000	49.4	57.2	58.2	58.4	58.8	58.8	58.8	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.3	59.4
GE 18000	50.0	57.8	58.8	59.0	59.4	59.4	59.5	59.5	59.6	59.6	59.7	59.7	59.7	59.7	59.9	60.0
GE 16000	50.0	58.0	59.0	59.1	59.5	59.5	59.6	59.6	59.7	59.7	59.8	59.8	59.8	59.8	60.0	60.1
GE 14000	50.4	58.5	59.5	59.7	60.1	60.1	60.2	60.2	60.3	60.3	60.4	60.4	60.4	60.5	60.6	60.7
GE 12000	51.2	59.5	60.5	60.7	61.2	61.2	61.3	61.3	61.4	61.5	61.5	61.5	61.5	61.6	61.7	61.8
GE 10000	52.7	61.2	62.3	62.5	63.0	63.0	63.1	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.5	63.6
GE 9000	52.9	61.4	62.5	62.7	63.2	63.2	63.3	63.3	63.4	63.5	63.5	63.5	63.5	63.6	63.7	63.8
GE 8000	53.9	62.6	63.7	63.9	64.4	64.4	64.5	64.6	64.6	64.7	64.7	64.7	64.7	64.8	65.0	65.1
GE 7000	54.3	63.1	64.1	64.3	64.8	64.8	64.9	65.0	65.0	65.1	65.1	65.1	65.1	65.2	65.4	65.5
GE 6000	54.8	63.8	64.8	65.1	65.5	65.6	65.6	65.7	65.8	65.8	65.9	65.9	65.9	65.9	66.1	66.2
GE 5000	55.2	64.4	65.5	65.7	66.2	66.2	66.4	66.5	66.5	66.6	66.6	66.6	66.6	66.7	66.9	67.0
GE 4500	55.7	64.9	66.0	66.3	66.8	66.8	67.0	67.0	67.1	67.2	67.2	67.2	67.2	67.3	67.5	67.6
GE 4000	56.5	65.8	67.0	67.3	67.8	67.9	68.0	68.1	68.1	68.2	68.2	68.2	68.3	68.3	68.5	68.6
GE 3500	57.1	66.6	67.7	68.0	68.6	68.6	68.8	68.9	68.9	69.0	69.0	69.0	69.1	69.1	69.3	69.4
GE 3000	58.3	68.0	69.2	69.5	70.1	70.1	70.2	70.3	70.4	70.5	70.5	70.5	70.5	70.6	70.7	70.9
GE 2500	59.1	69.2	70.4	70.7	71.3	71.3	71.5	71.5	71.6	71.7	71.7	71.7	71.7	71.8	72.0	72.1
GE 2000	60.4	70.8	72.0	72.3	72.9	72.9	73.1	73.2	73.2	73.3	73.3	73.3	73.4	73.4	73.6	73.7
GE 1800	60.7	71.1	72.4	72.7	73.2	73.3	73.4	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.9	74.0
GE 1500	61.7	72.8	74.1	74.4	75.0	75.0	75.2	75.3	75.3	75.4	75.4	75.4	75.5	75.5	75.7	75.8
GE 1200	62.5	74.5	76.1	76.4	77.0	77.1	77.2	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.7	77.8
GE 1000	63.2	76.3	78.2	78.6	79.3	79.3	79.5	79.6	79.6	79.7	79.7	79.7	79.8	79.8	80.0	80.1
GE 900	63.4	77.1	79.1	79.7	80.4	80.4	80.6	80.7	80.7	80.8	80.8	80.8	80.9	80.9	81.1	81.2
GE 800	63.7	78.4	80.6	81.3	82.0	82.1	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.6	82.8	82.9
GE 700	63.9	79.6	82.3	83.2	84.2	84.3	84.5	84.7	84.7	84.8	84.8	84.8	84.9	84.9	85.1	85.2
GE 600	64.1	80.9	84.0	85.3	86.9	86.9	87.3	87.4	87.5	87.6	87.6	87.6	87.6	87.7	87.9	88.0
GE 500	64.2	81.8	85.0	86.8	89.0	89.2	89.8	90.2	90.3	90.4	90.5	90.6	90.7	90.7	90.9	91.0
GE 400	64.3	82.1	85.7	88.0	90.6	90.9	91.9	92.5	92.7	93.1	93.3	93.4	93.5	93.5	93.8	94.0
GE 300	64.3	82.1	85.8	88.1	91.0	91.3	92.5	93.4	93.8	94.5	95.1	95.2	95.3	95.4	95.7	96.1
GE 200	64.3	82.1	85.9	88.2	91.1	91.4	92.7	93.6	94.1	94.8	95.7	95.7	96.8	97.3	97.6	98.6
GE 100	64.3	82.1	85.9	88.2	91.1	91.4	92.7	93.6	94.1	94.9	95.7	95.8	97.0	97.5	98.3	99.8
GE 0	64.3	82.1	85.9	88.2	91.1	91.4	92.7	93.6	94.1	94.9	95.7	95.8	97.0	97.5	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 3798

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	35.4	44.1	45.0	45.3	45.7	45.7	45.8	46.0	46.0	46.6	47.0	47.0	47.6	47.8	48.0	49.6
GE 20000	36.4	45.7	46.6	46.9	47.6	47.6	47.7	47.8	47.8	48.5	49.1	49.1	49.6	49.9	50.1	51.8
GE 18000	36.7	46.0	46.9	47.2	47.8	47.8	48.0	48.1	48.1	48.8	49.3	49.3	49.9	50.1	50.4	52.0
GE 16000	36.7	46.0	46.9	47.2	47.8	47.8	48.0	48.1	48.1	48.8	49.3	49.3	49.9	50.1	50.4	52.0
GE 14000	36.8	46.1	47.2	47.4	48.1	48.1	48.2	48.4	48.4	49.1	49.6	49.6	50.1	50.4	50.7	52.7
GE 12000	37.6	47.2	48.2	48.5	49.2	49.2	49.3	49.5	49.5	50.1	50.7	50.7	51.2	51.5	51.8	53.8
GE 10000	38.5	48.1	49.2	49.5	50.3	50.3	50.4	50.5	50.5	51.2	51.8	51.8	52.3	52.6	52.8	54.9
GE 9000	38.5	48.1	49.2	49.5	50.3	50.3	50.4	50.5	50.5	51.2	51.8	51.8	52.3	52.6	52.8	54.9
GE 8000	38.7	48.2	49.3	49.6	50.4	50.4	50.5	50.7	50.7	51.3	51.9	51.9	52.4	52.7	53.0	55.0
GE 7000	38.8	48.4	49.5	49.7	50.5	50.5	50.7	50.8	50.8	51.5	52.0	52.0	52.6	52.8	53.1	55.1
GE 6000	39.2	48.8	49.9	50.1	50.9	50.9	51.1	51.2	51.2	51.9	52.4	52.4	53.0	53.2	53.5	55.5
GE 5000	40.2	49.7	50.9	51.2	52.0	52.0	52.3	52.4	52.4	53.1	53.6	53.6	54.2	54.4	54.7	56.7
GE 4500	40.4	50.1	51.3	51.6	52.4	52.4	52.7	52.8	52.8	53.5	54.0	54.0	54.6	54.9	55.1	57.1
GE 4000	40.8	50.5	51.8	52.0	52.8	52.8	53.1	53.2	53.2	53.9	54.4	54.4	55.0	55.3	55.5	57.5
GE 3500	40.8	50.8	52.0	52.3	53.1	53.1	53.4	53.5	53.5	54.2	54.7	54.7	55.3	55.5	55.8	57.8
GE 3000	41.2	51.2	52.7	53.1	53.9	53.9	54.2	54.3	54.3	55.0	55.5	55.5	56.1	56.3	56.6	58.6
GE 2500	42.6	53.1	54.7	55.3	56.1	56.1	56.3	56.5	56.5	57.1	57.8	57.8	58.4	58.6	58.9	60.9
GE 2000	43.1	54.3	56.3	56.9	57.7	57.7	58.1	58.2	58.2	58.9	59.6	59.6	60.1	60.4	60.6	62.7
GE 1800	43.4	54.9	56.9	57.4	58.2	58.2	58.6	58.8	58.8	59.4	60.1	60.1	60.6	60.9	61.2	63.2
GE 1500	44.3	56.7	58.8	59.4	60.2	60.2	60.6	60.8	60.8	61.6	62.3	62.3	62.8	63.1	63.3	65.4
GE 1200	44.3	58.6	61.5	62.5	63.5	63.5	63.9	64.0	64.0	64.8	65.5	65.5	66.0	66.3	66.6	68.6
GE 1000	44.5	59.6	62.5	63.7	64.7	64.7	65.1	65.2	65.2	66.0	66.7	66.8	67.5	67.8	68.1	70.1
GE 900	44.6	60.6	64.7	66.0	67.1	67.1	67.5	67.7	67.7	68.5	69.1	69.3	69.9	70.2	70.5	72.5
GE 800	44.6	60.8	65.2	66.7	68.1	68.1	68.5	68.6	68.6	69.4	70.2	70.4	71.0	71.3	71.6	73.6
GE 700	44.6	60.8	65.4	67.0	68.3	68.3	68.7	69.1	69.3	70.1	70.9	71.0	71.7	72.0	72.2	74.3
GE 600	44.6	60.8	65.5	67.7	69.3	69.3	69.9	70.5	70.8	72.0	72.8	72.9	73.7	74.0	74.3	76.3
GE 500	44.6	60.9	65.6	68.3	70.1	70.1	70.8	71.7	72.2	73.7	74.5	74.7	75.9	76.3	76.5	78.6
GE 400	44.6	61.1	65.9	68.6	70.6	70.6	71.7	72.8	73.5	75.6	76.8	77.0	78.3	78.7	79.0	81.0
GE 300	44.6	61.2	66.0	69.1	71.4	71.4	72.6	73.9	74.7	77.1	79.4	79.8	82.3	82.9	83.2	86.5
GE 200	44.6	61.2	66.0	69.1	71.6	71.6	72.8	74.4	75.2	77.8	80.3	80.9	84.4	85.3	85.8	91.6
GE 100	44.6	61.2	66.0	69.1	71.6	71.6	72.8	74.4	75.2	77.8	80.3	80.9	84.9	86.0	86.9	97.3
GE 0	44.6	61.2	66.0	69.1	71.6	71.6	72.8	74.4	75.2	77.8	80.3	80.9	84.9	86.1	87.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 742

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	47.1	54.8	57.9	60.2	62.6	62.8	62.9	63.2	63.2	63.6	63.6	63.6	63.7	63.7	63.7	63.8
GE 20000	50.3	58.8	62.0	64.3	66.9	67.4	67.5	67.9	67.9	68.2	68.2	68.2	68.3	68.3	68.3	68.5
GE 18000	50.6	59.1	62.3	64.7	67.2	67.7	67.9	68.2	68.2	68.6	68.6	68.6	68.7	68.7	68.7	68.8
GE 16000	50.6	59.1	62.3	64.7	67.2	67.7	67.9	68.2	68.2	68.6	68.6	68.6	68.7	68.7	68.7	68.8
GE 14000	50.7	59.3	62.5	64.8	67.4	67.9	68.0	68.3	68.3	68.7	68.7	68.7	68.8	68.8	68.8	69.0
GE 12000	51.5	60.2	63.4	65.8	68.3	68.8	69.0	69.3	69.3	69.7	69.7	69.7	69.8	69.8	69.8	69.9
GE 10000	52.0	60.7	64.0	66.6	69.2	69.7	69.8	70.2	70.2	70.6	70.6	70.6	70.7	70.7	70.7	70.8
GE 9000	52.3	61.0	64.3	66.9	69.4	69.9	70.1	70.4	70.4	70.8	70.8	70.8	70.9	70.9	70.9	71.0
GE 8000	52.8	61.5	64.8	67.4	69.9	70.4	70.6	70.9	70.9	71.3	71.3	71.3	71.4	71.4	71.4	71.5
GE 7000	53.1	62.0	65.3	67.9	70.4	70.9	71.0	71.4	71.4	71.8	71.8	71.8	71.9	71.9	71.9	72.0
GE 6000	53.4	62.2	65.5	68.1	70.7	71.2	71.3	71.7	71.7	72.0	72.0	72.0	72.1	72.1	72.1	72.3
GE 5000	54.1	63.1	66.5	69.1	71.7	72.1	72.3	72.6	72.6	73.0	73.0	73.0	73.1	73.1	73.1	73.3
GE 4500	55.2	64.2	67.6	70.2	72.8	73.3	73.4	73.7	73.7	74.1	74.1	74.1	74.2	74.2	74.2	74.4
GE 4000	56.1	65.2	68.6	71.2	73.7	74.2	74.4	74.7	74.7	75.1	75.1	75.1	75.2	75.2	75.2	75.3
GE 3500	56.1	65.3	68.7	71.3	73.9	74.4	74.6	75.0	75.0	75.3	75.3	75.3	75.5	75.5	75.5	75.6
GE 3000	56.7	66.5	69.9	72.5	75.1	75.6	75.8	76.2	76.2	76.6	76.6	76.6	76.7	76.7	76.7	76.8
GE 2500	57.3	67.6	71.0	73.6	76.2	76.7	76.9	77.3	77.3	77.7	77.7	77.7	77.8	77.8	77.8	77.9
GE 2000	57.7	68.5	71.9	74.5	77.1	77.5	77.8	78.2	78.2	78.5	78.5	78.5	78.7	78.7	78.7	78.8
GE 1800	57.9	68.7	72.1	74.7	77.3	77.8	78.0	78.4	78.4	78.8	78.8	78.8	78.9	78.9	78.9	79.0
GE 1500	58.3	70.4	74.2	76.8	79.4	79.9	80.1	80.5	80.5	80.9	80.9	80.9	81.0	81.0	81.0	81.1
GE 1200	59.5	72.3	76.7	79.8	82.5	82.9	83.2	83.6	83.6	83.9	83.9	83.9	84.0	84.0	84.0	84.2
GE 1000	58.5	72.6	77.8	81.0	83.9	84.4	84.7	85.0	85.0	85.4	85.4	85.4	85.5	85.5	85.5	85.6
GE 900	58.5	73.0	78.5	81.8	84.9	85.4	85.9	86.3	86.3	86.6	86.6	86.6	86.7	86.7	86.7	86.9
GE 800	58.5	73.1	78.8	82.1	85.3	85.9	86.4	86.7	86.7	87.2	87.2	87.2	87.4	87.4	87.4	87.5
GE 700	58.5	73.3	79.1	82.8	86.3	86.9	87.6	88.1	88.1	88.6	88.6	88.6	88.7	88.7	88.7	88.8
GE 600	58.5	73.7	79.6	83.6	87.1	87.9	89.0	90.1	90.1	90.7	90.7	90.7	90.8	90.8	90.8	90.9
GE 500	58.5	74.0	80.0	83.9	88.3	89.1	90.7	92.0	92.6	93.5	93.6	93.6	93.7	93.7	93.7	93.9
GE 400	58.5	74.0	80.0	84.2	88.8	89.6	91.4	93.0	94.8	96.1	96.6	96.7	97.1	97.1	97.2	97.4
GE 300	58.5	74.0	80.0	84.2	88.8	89.7	91.7	93.3	95.1	96.4	97.1	97.2	98.0	98.0	98.2	98.5
GE 200	58.5	74.0	80.0	84.2	88.8	89.7	91.7	93.3	95.1	96.6	97.4	97.5	98.4	98.5	98.7	99.1
GE 100	58.5	74.0	80.0	84.2	88.8	89.7	91.7	93.3	95.1	96.6	97.4	97.5	98.4	98.8	98.9	99.8
GE 0	58.5	74.0	80.0	84.2	88.8	89.7	91.7	93.3	95.1	96.6	97.4	97.5	98.4	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 815

LOBAL CLIMATOLOGY BRANCH
SAFETAC
IR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

TATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
0 CEIL	58.1	65.7	70.0	71.2	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
E 20000	64.3	72.8	77.1	78.5	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
E 18000	64.7	73.6	77.9	79.3	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
E 16000	64.7	73.6	77.9	79.3	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
E 14000	65.4	74.3	78.6	80.1	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
E 12000	65.8	74.7	79.0	80.4	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
E 10000	67.5	76.5	80.9	82.4	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
E 9000	67.5	76.5	80.9	82.4	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
E 8000	67.7	76.6	81.2	82.7	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
E 7000	67.8	76.8	81.3	82.8	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
E 6000	67.9	76.9	81.4	82.9	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
E 5000	68.3	77.4	81.9	83.4	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
E 4500	68.5	77.6	82.2	83.6	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
E 4000	70.0	79.1	83.6	85.1	85.6	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
E 3500	70.2	79.7	84.3	85.7	86.2	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
E 3000	71.2	80.9	85.5	87.0	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
E 2500	71.3	81.3	85.9	87.3	87.8	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
E 2000	71.6	81.8	86.3	87.8	88.3	88.4	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
E 1800	72.0	82.3	86.8	88.3	88.8	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
E 1500	72.6	83.6	88.2	89.7	90.2	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
E 1200	72.8	84.3	88.9	90.4	91.0	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
E 1000	73.4	85.6	90.4	91.9	92.5	92.6	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
E 900	73.6	85.7	90.7	92.1	92.7	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
E 800	73.6	85.7	91.0	92.6	93.2	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
E 700	73.6	85.9	91.3	93.0	94.2	94.3	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
E 600	73.6	86.2	91.8	93.7	95.3	95.6	96.1	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
E 500	73.7	86.3	92.0	94.3	96.6	96.8	97.5	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
E 400	73.7	86.3	92.1	94.5	96.9	97.2	98.2	98.6	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3
E 300	73.7	86.3	92.1	94.5	97.0	97.3	98.3	99.0	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8
E 200	73.7	86.3	92.1	94.5	97.0	97.3	98.3	99.0	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9
E 100	73.7	86.3	92.1	94.5	97.0	97.3	98.3	99.0	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0
E 0	73.7	86.3	92.1	94.5	97.0	97.3	98.3	99.0	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 813

)BAL CLIMATOLOGY BRANCH
\FETAC
? WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 1500-1700

ILING IN EET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
CEIL	55.2	59.5	60.8	60.8	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2
20000	63.4	68.7	70.0	70.4	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8
18000	63.6	68.9	70.2	70.7	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
16000	63.6	68.9	70.2	70.7	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
14000	64.7	70.1	71.4	71.8	72.1	72.1	72.1	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3
12000	66.2	71.7	73.0	73.4	73.7	73.7	73.7	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9
10000	68.2	73.7	75.0	75.5	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
9000	68.2	73.7	75.0	75.5	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
8000	68.8	74.3	75.6	76.1	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5
7000	69.1	74.6	75.9	76.3	76.6	76.6	76.6	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8
6000	69.1	74.6	75.9	76.3	76.6	76.6	76.6	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8
5000	69.7	75.2	76.5	76.9	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6
4500	69.8	75.3	76.6	77.1	77.6	77.6	77.6	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8
4000	70.7	76.3	77.6	78.1	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
3500	71.4	77.2	78.5	79.0	79.5	79.5	79.5	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7
3000	71.7	77.8	79.1	79.5	80.1	80.1	80.1	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3
2500	72.4	78.5	79.8	80.3	80.8	80.8	80.8	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0
2000	73.0	79.1	80.4	80.8	81.4	81.4	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6
1800	73.1	79.2	80.6	81.0	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
1500	74.0	80.6	81.9	82.3	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
1200	74.3	81.0	82.3	82.7	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5
1000	75.5	82.1	83.5	83.9	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
900	75.6	83.5	85.1	85.5	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
800	76.1	84.3	86.1	86.9	87.8	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0
700	76.1	85.1	87.2	88.1	89.4	89.4	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6
600	76.5	86.1	88.4	89.4	90.7	90.7	90.7	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
500	76.6	86.8	89.6	90.9	92.7	92.7	92.9	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6
400	76.9	87.5	90.4	92.0	94.6	94.6	95.1	95.9	95.9	96.7	96.8	96.8	97.1	97.1	97.1	97.1
300	76.9	87.5	90.4	92.0	94.8	94.8	95.4	96.4	96.4	97.7	98.4	98.4	98.8	99.1	99.1	99.1
200	76.9	87.5	90.4	92.0	94.8	94.8	95.4	96.4	96.4	97.7	98.4	98.4	99.1	99.6	99.9	99.9
100	76.9	87.5	90.4	92.0	94.8	94.8	95.4	96.4	96.4	97.7	98.4	98.4	99.1	99.6	100.0	100.0
0	76.9	87.5	90.4	92.0	94.8	94.8	95.4	96.4	96.4	97.7	98.4	98.4	99.1	99.6	100.0	100.0

TAL NUMBER OF OBSERVATIONS: 689

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	47.8	57.1	57.3	57.3	57.3	57.5	57.9	57.9	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1
GE 20000	51.4	60.7	61.3	61.5	61.5	61.7	62.2	62.2	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4
GE 18000	51.8	61.3	61.9	62.0	62.0	62.2	62.8	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0
GE 16000	51.8	61.3	61.9	62.0	62.0	62.2	62.8	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0
GE 14000	52.8	62.2	62.8	63.0	63.0	63.2	63.8	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9
GE 12000	53.3	63.4	63.9	64.1	64.1	64.3	64.9	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1
GE 10000	54.6	65.1	65.7	65.8	65.8	66.0	66.6	66.6	66.6	66.6	66.8	66.8	66.8	66.8	66.8	66.8
GE 9000	54.8	65.3	65.8	66.0	66.0	66.2	66.8	66.8	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0
GE 8000	56.0	66.4	67.0	67.2	67.2	67.4	67.9	67.9	67.9	67.9	68.1	68.1	68.1	68.1	68.1	68.1
GE 7000	56.2	66.6	67.2	67.4	67.4	67.6	68.1	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3
GE 6000	56.2	66.6	67.2	67.4	67.4	67.6	68.1	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3
GE 5000	56.5	67.0	67.6	67.7	67.7	67.9	68.5	68.5	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.7
GE 4500	56.5	67.0	67.6	67.7	67.7	67.9	68.5	68.5	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.7
GE 4000	57.3	68.3	68.9	69.1	69.1	69.3	69.8	69.8	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0
GE 3500	57.3	68.3	68.9	69.1	69.1	69.3	69.8	69.8	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0
GE 3000	57.5	68.7	69.3	69.4	69.4	69.6	70.2	70.2	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4
GE 2500	58.4	69.6	70.2	70.4	70.4	70.6	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3
GE 2000	59.4	70.6	71.2	71.3	71.3	71.5	72.1	72.1	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3
GE 1800	59.4	71.0	71.5	71.7	71.7	71.9	72.5	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7
GE 1500	60.5	73.1	73.6	73.8	73.8	74.0	74.6	74.6	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8
GE 1200	61.1	74.2	74.8	75.0	75.0	75.1	75.7	75.7	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9
GE 1000	62.4	75.5	76.3	76.5	76.5	76.7	77.2	77.2	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4
GE 900	62.6	76.7	77.6	77.8	77.8	78.0	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7
GE 800	63.0	78.7	80.3	80.5	80.5	80.6	81.2	81.2	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4
GE 700	63.2	80.8	82.5	82.7	82.7	82.9	83.5	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7
GE 600	63.4	81.8	84.6	85.0	85.0	85.2	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1
GE 500	63.4	82.2	85.4	86.1	87.3	87.5	88.4	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6
GE 400	63.4	82.7	86.0	87.5	89.2	89.4	90.3	90.5	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9
GE 300	63.4	82.7	86.1	87.9	90.1	90.5	92.0	92.6	92.8	93.0	93.4	93.4	93.4	93.4	93.4	93.4
GE 200	63.4	82.7	86.1	87.9	90.1	90.5	92.0	92.6	92.8	93.2	93.9	93.9	94.7	95.1	95.6	97.2
GE 100	63.4	82.7	86.1	87.9	90.1	90.5	92.0	92.6	92.8	93.2	93.9	93.9	94.7	95.3	96.4	99.1
GE 0	63.4	82.7	86.1	87.9	90.1	90.5	92.0	92.6	92.8	93.2	93.9	93.9	94.7	95.3	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 527

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 77-85
MONTH: OCT HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	47.0	54.7	54.7	54.7	54.7	54.7	55.2	55.2	55.2	55.2	55.5	55.5	55.5	55.5	55.5	55.5
GE 20000	48.6	57.5	57.5	57.5	57.5	57.5	58.0	58.0	58.0	58.0	58.3	58.3	58.3	58.3	58.3	58.3
GE 18000	48.9	57.7	57.7	57.7	57.7	57.7	58.3	58.3	58.3	58.3	58.6	58.6	58.6	58.6	58.6	58.6
GE 16000	48.9	57.7	57.7	57.7	57.7	57.7	58.3	58.3	58.3	58.3	58.6	58.6	58.6	58.6	58.6	58.6
GE 14000	48.9	57.7	57.7	57.7	57.7	57.7	58.3	58.3	58.3	58.3	58.6	58.6	58.6	58.6	58.6	58.6
GE 12000	49.2	58.8	58.8	58.8	58.8	58.8	59.4	59.4	59.4	59.4	59.7	59.7	59.7	59.7	59.7	59.7
GE 10000	49.4	60.2	60.2	60.2	60.2	60.2	60.8	60.8	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0
GE 9000	49.4	60.2	60.2	60.2	60.2	60.2	60.8	60.8	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0
GE 8000	50.6	61.3	61.3	61.3	61.3	61.3	61.9	61.9	61.9	61.9	62.2	62.2	62.2	62.2	62.2	62.2
GE 7000	51.7	62.4	62.4	62.4	62.4	62.4	63.0	63.0	63.0	63.0	63.3	63.3	63.3	63.3	63.3	63.3
GE 6000	52.5	63.3	63.3	63.3	63.3	63.3	63.8	63.8	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1
GE 5000	53.0	63.8	63.8	63.8	63.8	63.8	64.4	64.4	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6
GE 4500	53.3	64.1	64.1	64.1	64.1	64.1	64.6	64.6	64.6	64.6	64.9	64.9	64.9	64.9	64.9	64.9
GE 4000	53.9	65.2	65.2	65.2	65.2	65.2	65.7	65.7	65.7	65.7	66.0	66.0	66.0	66.0	66.0	66.0
GE 3500	54.4	65.7	65.7	65.7	65.7	65.7	66.3	66.3	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6
GE 3000	54.7	66.9	66.9	66.9	66.9	66.9	67.4	67.4	67.4	67.4	67.7	67.7	67.7	67.7	67.7	67.7
GE 2500	56.4	69.3	69.3	69.3	69.3	69.3	69.9	69.9	69.9	69.9	70.2	70.2	70.2	70.2	70.2	70.2
GE 2000	58.0	71.0	71.3	71.3	71.3	71.3	71.8	71.8	71.8	71.8	72.1	72.1	72.1	72.1	72.1	72.1
GE 1800	58.0	71.0	71.3	71.3	71.3	71.3	71.8	71.8	71.8	71.8	72.1	72.1	72.1	72.1	72.1	72.1
GE 1500	58.8	72.4	72.7	72.7	72.7	72.7	73.2	73.2	73.2	73.2	73.5	73.5	73.5	73.5	73.5	73.5
GE 1200	60.2	74.0	75.1	75.1	75.1	75.1	75.7	75.7	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0
GE 1000	60.2	74.0	75.1	75.1	75.1	75.1	75.7	75.7	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0
GE 900	60.5	76.2	77.3	77.3	77.3	77.3	77.9	77.9	77.9	77.9	78.2	78.2	78.2	78.2	78.2	78.2
GE 800	60.5	77.3	78.5	78.5	78.5	78.5	79.0	79.0	79.0	79.0	79.3	79.3	79.3	79.3	79.3	79.3
GE 700	60.8	78.5	79.6	79.6	79.8	79.8	80.4	80.4	80.4	80.4	80.7	80.7	80.7	80.7	80.7	80.7
GE 600	61.0	79.8	80.9	80.9	81.2	81.2	81.8	81.8	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0
GE 500	61.0	80.1	81.8	82.6	84.0	84.0	84.8	84.8	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1
GE 400	61.0	81.2	82.9	84.3	85.9	85.9	86.7	86.7	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.0
GE 300	61.0	82.0	84.5	85.9	88.7	88.7	90.6	90.6	90.6	90.6	90.9	90.9	90.9	90.9	90.9	91.2
GE 200	61.0	82.0	84.5	85.9	88.7	88.7	90.6	90.6	90.6	90.6	90.9	90.9	92.0	92.0	92.5	95.3
GE 100	61.0	82.0	84.5	85.9	88.7	88.7	90.6	90.6	90.6	90.6	90.9	90.9	92.5	92.5	93.6	98.3
GE 0	61.0	82.0	84.5	85.9	88.7	88.7	90.6	90.6	90.6	90.6	90.9	90.9	92.5	92.5	93.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 362

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	48.7	56.2	58.1	58.9	59.6	59.7	59.8	59.9	59.9	60.1	60.3	60.3	60.4	60.4	60.5	60.8
GE 20000	52.9	61.1	63.1	64.0	64.8	65.0	65.1	65.2	65.2	65.5	65.6	65.6	65.8	65.8	65.9	66.2
GE 18000	53.1	61.5	63.5	64.5	65.3	65.4	65.6	65.7	65.7	65.9	66.1	66.1	66.2	66.3	66.3	66.6
GE 16000	53.1	61.5	63.5	64.5	65.3	65.4	65.6	65.7	65.7	65.9	66.1	66.1	66.2	66.3	66.3	66.6
GE 14000	53.7	62.0	64.1	65.0	65.8	66.0	66.2	66.3	66.3	66.5	66.6	66.6	66.8	66.8	66.9	67.3
GE 12000	54.4	63.0	65.1	66.0	66.8	67.0	67.2	67.3	67.3	67.5	67.7	67.7	67.8	67.8	67.9	68.3
GE 10000	55.6	64.4	66.5	67.5	68.3	68.5	68.7	68.8	68.8	69.0	69.1	69.1	69.3	69.3	69.4	69.8
GE 9000	55.7	64.5	66.6	67.6	68.4	68.6	68.7	68.8	68.8	69.1	69.2	69.2	69.4	69.4	69.5	69.9
GE 8000	56.2	65.0	67.1	68.1	68.9	69.1	69.3	69.4	69.4	69.6	69.8	69.8	69.9	69.9	70.0	70.4
GE 7000	56.5	65.3	67.5	68.4	69.3	69.4	69.6	69.7	69.7	69.9	70.1	70.1	70.2	70.3	70.3	70.7
GE 6000	56.7	65.6	67.7	68.7	69.5	69.7	69.8	69.9	69.9	70.2	70.3	70.3	70.4	70.5	70.5	70.9
GE 5000	57.3	66.2	68.4	69.4	70.3	70.4	70.6	70.7	70.7	70.9	71.1	71.1	71.2	71.3	71.3	71.7
GE 4500	57.7	66.6	68.8	69.8	70.7	70.8	71.0	71.1	71.1	71.4	71.5	71.5	71.6	71.7	71.7	72.1
GE 4000	58.6	67.7	69.8	70.8	71.7	71.9	72.1	72.2	72.2	72.4	72.6	72.6	72.7	72.7	72.8	73.2
GE 3500	58.8	68.1	70.2	71.2	72.1	72.3	72.5	72.6	72.6	72.8	73.0	73.0	73.1	73.2	73.2	73.6
GE 3000	59.3	68.9	71.1	72.1	73.0	73.2	73.4	73.5	73.5	73.8	73.9	73.9	74.0	74.1	74.1	74.5
GE 2500	60.1	70.0	72.3	73.3	74.2	74.4	74.6	74.7	74.7	75.0	75.2	75.2	75.3	75.3	75.4	75.8
GE 2000	60.7	70.9	73.3	74.3	75.2	75.4	75.6	75.8	75.8	76.0	76.2	76.2	76.3	76.3	76.4	76.8
GE 1800	60.9	71.3	73.6	74.6	75.5	75.7	76.0	76.1	76.1	76.3	76.5	76.5	76.6	76.7	76.7	77.1
GE 1500	61.7	72.9	75.3	76.4	77.3	77.4	77.7	77.8	77.8	78.1	78.2	78.2	78.4	78.4	78.5	78.9
GE 1200	62.1	74.1	76.9	78.2	79.1	79.3	79.6	79.7	79.7	79.9	80.1	80.1	80.2	80.3	80.3	80.7
GE 1000	62.6	75.0	78.1	79.4	80.4	80.5	80.8	80.9	80.9	81.2	81.4	81.4	81.5	81.6	81.6	82.0
GE 900	62.7	75.9	79.3	80.7	81.7	81.9	82.2	82.3	82.3	82.6	82.8	82.8	83.0	83.0	83.1	83.5
GE 800	62.8	76.5	80.2	81.7	82.9	83.0	83.4	83.5	83.5	83.8	84.0	84.0	84.1	84.2	84.2	84.7
GE 700	62.9	77.1	81.0	82.5	84.0	84.2	84.6	84.8	84.9	85.1	85.3	85.4	85.5	85.6	85.6	86.0
GE 600	63.0	77.7	81.8	83.6	85.3	85.5	86.1	86.6	86.7	87.0	87.2	87.3	87.4	87.5	87.5	87.9
GE 500	63.1	78.0	82.3	84.5	86.8	87.1	87.9	88.5	88.8	89.3	89.5	89.6	89.8	89.9	89.9	90.3
GE 400	63.1	78.3	82.7	85.2	87.9	88.1	89.2	90.0	90.6	91.4	91.8	91.9	92.2	92.3	92.4	92.8
GE 300	63.1	78.4	82.9	85.5	88.4	88.7	90.0	91.0	91.6	92.7	93.5	93.6	94.3	94.5	94.5	95.3
GE 200	63.1	78.4	82.9	85.5	88.5	88.8	90.1	91.1	91.7	92.9	93.8	93.9	95.1	95.4	95.7	97.4
GE 100	63.1	78.4	82.9	85.5	88.5	88.8	90.1	91.1	91.7	92.9	93.8	93.9	95.3	95.7	96.3	99.2
GE 0	63.1	78.4	62.9	85.5	88.5	88.8	90.1	91.1	91.7	92.9	93.8	93.9	95.3	95.7	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 3948

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	49.7	50.9	52.4	53.4	54.9	55.0	55.0	55.2	55.2	55.2	55.4	55.4	55.8	56.0	56.0	57.1
GE 20000	45.0	55.8	57.5	58.6	60.1	60.3	60.3	60.4	60.4	60.6	60.8	60.8	61.2	61.4	61.4	62.7
GE 18000	45.5	56.3	58.0	59.1	60.6	60.8	60.8	61.0	61.0	61.2	61.4	61.4	61.8	61.9	61.9	63.2
GE 16000	45.5	56.3	58.0	59.1	60.6	60.8	60.8	61.0	61.0	61.2	61.4	61.4	61.8	61.9	61.9	63.2
GE 14000	46.3	57.3	59.0	60.1	61.6	61.8	62.1	62.3	62.3	62.5	62.7	62.7	63.1	63.2	63.2	64.6
GE 12000	47.2	58.8	60.6	61.8	63.2	63.4	63.8	64.0	64.0	64.2	64.4	64.4	64.7	64.9	64.9	66.2
GE 10000	49.8	61.8	63.6	64.7	66.6	67.0	67.4	67.5	67.5	68.1	68.3	68.3	68.7	68.8	69.0	70.3
GE 9000	50.0	61.9	63.8	64.9	66.8	67.2	67.5	67.7	67.7	68.3	68.5	68.5	68.8	69.0	69.2	70.5
GE 8000	50.6	62.7	64.6	65.7	67.5	67.9	68.3	68.5	68.5	69.0	69.2	69.2	69.6	69.8	70.0	71.3
GE 7000	50.7	62.9	64.7	65.9	67.7	68.1	68.5	68.7	68.7	69.2	69.4	69.4	69.8	70.0	70.1	71.5
GE 6000	51.1	63.6	65.7	66.8	68.7	69.0	69.4	69.6	69.6	70.1	70.3	70.3	70.7	70.9	71.1	72.4
GE 5000	54.9	67.5	69.6	70.7	72.6	72.9	73.3	73.5	73.5	74.1	74.3	74.3	74.6	74.8	75.0	76.3
GE 4500	55.2	67.9	70.0	71.1	72.9	73.3	73.7	73.9	73.9	74.4	74.6	74.6	75.0	75.2	75.4	76.7
GE 4000	57.1	70.5	72.6	73.7	75.6	75.9	76.3	76.5	76.5	77.1	77.2	77.2	77.6	77.8	78.0	79.3
GE 3500	58.2	71.6	73.7	74.8	76.7	77.1	77.4	77.6	77.6	78.2	78.4	78.4	78.7	78.9	79.1	80.4
GE 3000	59.1	73.9	76.1	77.2	79.3	79.7	80.2	80.4	80.4	81.0	81.2	81.2	81.5	81.7	81.9	83.2
GE 2500	60.4	76.3	78.5	79.7	82.3	82.6	83.2	83.4	83.4	84.0	84.1	84.1	84.5	84.7	84.9	86.2
GE 2000	60.6	77.2	79.7	80.8	83.6	84.0	84.5	84.9	84.9	85.4	85.6	85.6	86.0	86.2	86.4	87.7
GE 1800	60.6	77.4	79.9	81.0	83.8	84.1	84.7	85.1	85.1	85.6	85.8	85.8	86.2	86.4	86.6	87.9
GE 1500	61.0	78.0	80.4	81.5	84.7	85.1	85.6	86.0	86.0	86.6	86.8	86.8	87.1	87.3	87.5	88.8
GE 1200	61.2	78.2	81.0	82.1	85.4	85.8	86.4	86.8	86.8	87.3	87.5	87.5	87.9	88.1	88.2	89.6
GE 1000	61.2	78.5	81.3	82.5	85.8	86.2	86.8	87.1	87.1	87.7	87.9	87.9	88.2	88.4	88.6	89.9
GE 900	61.2	78.7	81.5	83.0	86.6	86.9	87.5	87.9	87.9	88.6	89.0	89.0	89.4	89.6	89.7	91.0
GE 800	61.4	79.1	81.9	83.4	86.9	87.3	87.9	88.2	88.2	89.0	89.4	89.4	89.7	89.9	90.1	91.4
GE 700	61.4	79.1	81.9	83.4	87.1	87.5	88.1	88.6	88.6	89.4	89.9	89.9	90.3	90.5	90.7	92.0
GE 600	61.4	79.3	82.3	83.8	87.9	88.2	89.0	89.7	89.7	90.5	91.2	91.2	91.6	91.8	92.0	93.3
GE 500	61.4	79.3	82.5	84.0	88.1	88.4	89.4	90.1	90.1	90.9	91.6	91.6	92.0	92.2	92.4	93.7
GE 400	61.4	79.3	82.5	84.0	88.2	88.6	89.6	90.3	90.3	91.2	92.0	92.0	92.4	92.5	92.7	94.2
GE 300	61.4	79.3	82.5	84.0	88.2	88.6	89.6	90.5	90.5	91.4	92.2	92.4	92.7	92.9	93.1	95.1
GE 200	61.4	79.3	82.5	84.0	88.2	88.6	89.6	90.7	90.7	92.2	92.9	93.1	93.5	93.7	93.8	97.4
GE 100	61.4	79.3	82.5	84.0	88.2	88.6	89.6	90.7	90.7	92.2	92.9	93.1	93.5	93.7	93.8	98.3
GE 0	61.4	79.3	82.5	84.0	88.2	88.6	89.6	90.7	90.7	92.2	92.9	93.1	93.5	93.7	93.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 536

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	47.2	54.4	57.4	58.5	59.5	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.3	60.3
GE 20000	52.9	60.4	63.6	64.7	65.6	66.2	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.6	66.6
GE 18000	53.6	61.2	64.4	65.5	66.4	67.0	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.4	67.4
GE 16000	53.6	61.2	64.4	65.5	66.4	67.0	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.4	67.4
GE 14000	54.9	62.7	65.9	67.0	67.9	68.5	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.9	66.9
GE 12000	56.2	64.4	67.7	68.7	69.7	70.2	70.3	70.3	70.3	70.3	70.5	70.5	70.5	70.5	70.6	70.6
GE 10000	58.3	67.1	70.5	71.8	73.0	73.6	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	74.0	74.0
GE 9000	58.3	67.1	70.5	71.8	73.0	73.6	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	74.0	74.0
GE 8000	59.2	68.2	71.5	72.9	74.1	74.6	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	75.0	75.0
GE 7000	60.1	69.1	72.5	73.8	75.0	75.6	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	76.0	76.0
GE 6000	60.5	69.5	72.9	74.2	75.4	76.0	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.4	76.4
GE 5000	62.4	71.8	75.2	76.5	77.9	78.4	78.5	78.5	78.5	78.5	78.7	78.7	78.7	78.7	78.8	78.8
GE 4500	62.6	71.9	75.3	76.6	78.0	78.5	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.9	78.9
GE 4000	64.2	73.8	77.2	78.5	80.0	80.5	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.9	80.9
GE 3500	67.5	77.2	80.7	82.1	83.6	84.2	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.6	84.6
GE 3000	69.8	80.0	83.8	85.2	86.7	87.2	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.7	87.7
GE 2500	70.3	80.7	84.6	86.4	88.1	88.6	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.1	89.1
GE 2000	70.7	81.5	85.4	87.2	89.0	89.5	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	90.1	90.1
GE 1800	71.0	81.9	85.8	87.7	89.5	90.1	90.3	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.6	90.6
GE 1500	71.3	82.6	86.4	88.3	90.2	90.7	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.5	91.5
GE 1200	71.5	83.4	88.1	89.9	92.3	92.9	93.4	93.4	93.4	93.6	93.7	93.7	93.7	93.7	93.8	93.8
GE 1000	71.5	83.4	88.1	89.9	92.3	92.9	93.4	93.4	93.4	93.6	93.7	93.7	93.7	93.7	93.8	93.8
GE 900	71.5	83.4	88.3	90.3	92.8	93.3	93.8	93.8	93.8	94.0	94.1	94.1	94.1	94.1	94.2	94.2
GE 800	71.5	83.5	88.5	90.5	92.9	93.4	94.0	94.0	94.2	94.5	94.6	94.6	94.6	94.6	94.8	94.8
GE 700	71.5	83.5	88.6	90.6	93.0	93.6	94.1	94.1	94.4	94.6	94.8	94.8	94.8	94.8	94.9	94.9
GE 600	71.5	83.5	88.7	90.7	93.2	93.7	94.2	94.5	94.8	95.0	95.2	95.2	95.2	95.2	95.3	95.3
GE 500	71.5	83.5	88.7	90.7	93.4	94.0	94.5	94.9	95.2	95.4	95.6	95.6	95.6	95.6	95.7	95.7
GE 400	71.5	83.5	88.9	90.9	93.6	94.1	94.8	95.3	95.7	96.0	96.1	96.1	96.1	96.1	96.2	96.2
GE 300	71.5	83.5	88.9	90.9	93.7	94.2	94.9	95.4	96.0	96.4	96.8	96.8	96.9	97.0	97.2	97.2
GE 200	71.5	83.5	88.9	90.9	93.7	94.2	95.0	95.6	96.1	96.5	96.9	97.2	97.6	97.9	98.1	98.8
GE 100	71.5	83.5	88.9	90.9	93.7	94.2	95.0	95.6	96.1	96.5	96.9	97.2	97.6	97.9	98.3	99.7
GE 0	71.5	83.5	88.9	90.9	93.7	94.2	95.0	95.6	96.1	96.5	96.9	97.2	97.6	97.9	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 745

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	52.8	59.9	61.2	62.1	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 20000	61.3	68.7	70.2	71.5	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 18000	62.0	69.5	71.0	72.3	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 16000	62.1	69.6	71.1	72.4	72.8	72.8	72.8	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 14000	62.9	70.4	71.9	73.3	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 12000	64.8	72.7	74.2	75.5	75.9	75.9	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 10000	66.4	74.5	75.9	77.3	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 9000	66.4	74.5	75.9	77.3	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 8000	68.0	76.2	77.7	79.0	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 7000	68.8	77.3	78.8	80.1	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 6000	70.0	78.5	80.0	81.3	81.7	81.7	81.7	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 5000	71.4	79.6	81.3	82.7	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 4500	72.2	80.6	82.1	83.5	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 4000	73.0	81.9	83.3	84.8	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 3500	76.2	85.1	86.6	88.0	88.4	88.4	88.4	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 3000	78.1	87.2	88.7	90.3	90.7	90.7	90.7	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 2500	79.0	88.3	89.8	91.5	91.9	91.9	91.9	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2000	79.3	88.8	90.3	92.2	92.9	92.9	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1800	79.3	88.8	90.3	92.2	92.9	92.9	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1500	79.4	89.9	91.7	93.7	94.5	94.5	94.5	94.8	94.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1200	79.7	91.1	93.1	95.2	96.1	96.1	96.1	96.4	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	79.7	91.5	93.5	95.7	96.6	96.6	96.6	97.0	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	79.7	91.7	93.7	95.8	96.9	96.9	96.9	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 800	79.7	91.7	93.7	95.8	96.9	96.9	97.0	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	79.7	91.9	94.0	96.1	97.2	97.2	97.3	97.7	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	79.7	91.9	94.0	96.1	97.3	97.3	97.4	98.1	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	79.7	92.1	94.2	96.4	97.6	97.6	97.7	98.4	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	79.7	92.1	94.2	96.4	97.6	97.7	97.8	98.5	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	79.7	92.1	94.2	96.4	97.6	97.7	97.8	98.5	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	79.7	92.1	94.2	96.4	97.6	97.7	97.8	98.5	98.8	99.5	99.7	99.7	99.7	99.9	99.9	100.0
GE 100	79.7	92.1	94.2	96.4	97.6	97.7	97.8	98.5	98.8	99.5	99.7	99.7	99.7	99.9	99.9	100.0
GE 0	79.7	92.1	94.2	96.4	97.6	97.7	97.8	98.5	98.8	99.5	99.7	99.7	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	54.1	58.0	59.6	59.7	59.9	59.9	59.9	59.9	60.2	60.3	60.5	60.5	60.5	60.5	60.5	60.5
GE 20000	63.2	68.0	69.9	70.1	70.2	70.2	70.2	70.2	70.5	70.6	70.8	70.8	70.8	70.8	70.8	70.8
GE 18000	64.1	68.9	70.8	70.9	71.1	71.1	71.1	71.1	71.4	71.5	71.7	71.7	71.7	71.7	71.7	71.7
GE 16000	64.4	69.2	71.1	71.2	71.4	71.4	71.4	71.4	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9
GE 14000	65.0	69.8	71.8	71.9	72.1	72.1	72.1	72.1	72.4	72.5	72.7	72.7	72.7	72.7	72.7	72.7
GE 12000	66.4	71.7	74.0	74.1	74.3	74.3	74.3	74.3	74.6	74.7	74.9	74.9	74.9	74.9	74.9	74.9
GE 10000	67.3	73.1	75.4	75.6	75.7	75.7	75.7	75.7	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3
GE 9000	67.6	73.4	75.7	75.9	76.0	76.0	76.0	76.0	76.3	76.5	76.6	76.6	76.6	76.6	76.6	76.6
GE 8000	68.9	74.9	77.2	77.3	77.5	77.5	77.5	77.5	77.8	77.9	78.1	78.1	78.1	78.1	78.1	78.1
GE 7000	69.6	75.7	78.1	78.2	78.3	78.3	78.3	78.3	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9
GE 6000	70.9	77.0	79.4	79.5	79.7	79.7	79.7	79.7	79.9	80.1	80.2	80.2	80.2	80.2	80.2	80.2
GE 5000	73.0	79.1	81.4	81.5	81.7	81.7	81.7	81.7	82.0	82.1	82.3	82.3	82.3	82.3	82.3	82.3
GE 4500	73.5	79.7	82.0	82.1	82.3	82.3	82.3	82.3	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8
GE 4000	74.3	80.8	83.1	83.3	83.4	83.4	83.4	83.4	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0
GE 3500	75.3	82.3	84.6	84.7	84.9	84.9	85.0	85.0	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.6
GE 3000	77.0	84.6	87.1	87.4	87.5	87.5	87.6	87.6	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2
GE 2500	77.3	85.6	88.2	88.8	89.1	89.1	89.2	89.2	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8
GE 2000	78.2	87.5	90.1	90.7	91.3	91.3	91.4	91.4	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0
GE 1800	78.3	87.8	90.4	91.0	91.6	91.6	91.7	91.7	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3
GE 1500	78.6	88.4	91.4	92.0	92.6	92.6	92.9	93.2	93.5	93.6	93.8	93.8	93.8	93.8	93.8	93.8
GE 1200	79.1	89.1	92.2	93.0	93.6	93.6	94.0	94.3	94.6	94.8	94.9	94.9	95.1	95.1	95.1	95.1
GE 1000	79.5	89.5	92.6	93.5	94.0	94.0	94.5	94.8	95.1	95.2	95.3	95.3	95.5	95.5	95.5	95.5
GE 900	79.5	90.0	93.0	94.0	94.6	94.6	95.1	95.3	95.6	95.9	96.1	96.1	96.2	96.2	96.2	96.2
GE 800	79.5	90.3	93.3	94.3	94.9	94.9	95.5	95.8	96.1	96.5	96.7	96.7	96.8	96.8	96.8	96.8
GE 700	79.5	90.4	93.5	94.6	95.2	95.2	95.8	96.1	96.4	96.8	96.9	96.9	97.1	97.1	97.1	97.1
GE 600	79.5	90.4	93.6	94.6	95.3	95.3	95.9	96.2	96.5	96.9	97.1	97.1	97.2	97.2	97.2	97.2
GE 500	79.5	90.7	93.9	95.2	95.8	95.8	96.4	96.7	96.9	97.4	97.5	97.5	97.7	97.7	97.7	97.7
GE 400	79.7	90.8	94.0	95.3	96.1	96.1	96.9	97.2	97.5	98.0	98.1	98.1	98.3	98.3	98.3	98.3
GE 300	79.8	91.0	94.3	95.8	96.7	96.7	97.5	97.8	98.1	98.7	99.0	99.0	99.1	99.1	99.1	99.1
GE 200	79.8	91.0	94.3	95.8	96.7	96.7	97.5	97.8	98.1	98.8	99.1	99.1	99.3	99.3	99.6	99.6
GE 100	79.8	91.0	94.3	95.8	96.7	96.7	97.5	97.8	98.1	98.8	99.1	99.1	99.3	99.3	99.7	100.0
GE 0	79.8	91.0	94.3	95.8	96.7	96.7	97.5	97.8	98.1	98.8	99.1	99.1	99.3	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 688

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	50.1	62.5	62.7	62.7	63.7	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.8	64.8	65.0	65.0
GE 20000	54.4	67.2	67.4	67.4	68.4	68.9	68.9	69.1	69.1	69.1	69.1	69.1	69.5	69.5	69.7	69.7
GE 18000	55.4	68.4	68.5	68.5	69.5	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.6	70.6	70.8	70.6
GE 16000	55.7	68.7	68.9	68.9	69.9	70.4	70.4	70.6	70.6	70.6	70.6	70.6	71.0	71.0	71.2	71.2
GE 14000	56.3	69.3	69.5	69.5	70.4	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.6	71.6	71.8	71.8
GE 12000	56.3	69.9	70.2	70.2	71.2	71.8	71.8	71.9	71.9	71.9	71.9	71.9	72.3	72.3	72.5	72.5
GE 10000	58.6	73.6	74.0	74.0	75.0	75.5	75.5	75.7	75.7	75.7	75.7	75.7	76.1	76.1	76.3	76.3
GE 9000	59.9	74.0	74.4	74.4	75.3	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.5	76.5	76.6	76.6
GE 8000	59.9	75.1	75.5	75.5	76.5	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.6	77.6	77.8	77.8
GE 7000	60.3	75.7	76.1	76.3	77.2	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.3	78.3	78.5	78.5
GE 6000	60.6	76.3	76.8	77.0	78.0	78.5	78.5	78.7	78.7	78.7	78.7	78.7	79.1	79.1	79.3	79.3
GE 5000	63.5	79.8	80.6	80.8	81.7	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.9	82.9	83.1	83.1
GE 4500	63.7	80.2	81.0	81.2	82.1	82.7	82.7	82.9	82.9	82.9	82.9	82.9	83.2	83.2	83.4	83.4
GE 4000	64.2	81.0	81.7	81.9	82.9	83.4	83.4	83.6	83.6	83.6	83.6	83.6	84.0	84.0	84.2	84.2
GE 3500	65.3	82.3	83.1	83.2	84.2	84.7	84.7	84.9	84.9	84.9	84.9	84.9	85.5	85.5	85.7	85.7
GE 3000	65.7	84.2	84.9	85.1	86.1	86.6	86.6	86.8	86.8	86.8	86.8	86.8	87.4	87.4	87.6	87.6
GE 2500	66.1	85.7	87.0	87.4	88.7	89.3	89.3	89.5	89.5	89.5	89.5	89.5	90.0	90.0	90.2	90.2
GE 2000	66.3	86.4	87.9	88.3	89.6	90.2	90.2	90.4	90.4	90.4	90.4	90.4	91.0	91.0	91.1	91.1
GE 1800	66.3	86.4	87.9	88.3	89.6	90.2	90.2	90.4	90.4	90.4	90.4	90.4	91.0	91.0	91.1	91.1
GE 1500	66.9	87.6	89.1	89.5	91.0	91.5	91.5	91.7	91.7	91.7	91.7	91.7	92.3	92.3	92.5	92.5
GE 1200	67.2	88.1	89.6	90.6	92.1	92.7	92.7	92.8	92.8	93.0	93.0	93.0	93.8	93.8	94.0	94.0
GE 1000	67.4	88.3	89.8	90.8	92.3	92.8	92.8	93.0	93.0	93.2	93.2	93.2	94.0	94.0	94.2	94.2
GE 900	67.6	88.5	90.0	91.1	92.7	93.2	93.2	93.4	93.4	93.6	93.6	93.6	94.4	94.4	94.5	94.5
GE 800	67.8	89.5	91.0	92.1	93.6	94.2	94.2	94.4	94.4	94.5	94.5	94.5	95.3	95.3	95.5	95.5
GE 700	68.0	90.0	91.5	92.7	94.2	94.7	94.9	95.1	95.1	95.3	95.3	95.3	96.0	96.0	96.2	96.2
GE 600	68.0	90.4	91.9	93.2	94.7	95.3	95.5	95.7	95.7	95.9	95.9	95.9	96.6	96.6	96.8	96.8
GE 500	68.4	91.1	92.7	94.2	95.7	96.2	96.4	96.6	96.6	96.8	96.8	96.8	97.6	97.6	97.7	97.7
GE 400	68.4	91.1	92.7	94.2	96.0	96.6	96.8	97.2	97.2	97.4	97.4	97.4	98.1	98.1	98.3	98.3
GE 300	68.4	91.1	92.7	94.2	96.0	96.6	96.8	97.2	97.2	97.4	97.9	97.9	98.7	98.7	98.9	98.9
GE 200	68.4	91.1	92.7	94.2	96.2	96.8	97.0	97.4	97.4	97.6	98.1	98.1	99.1	99.1	99.4	99.4
GE 100	68.4	91.1	92.7	94.2	96.2	96.8	97.0	97.4	97.4	97.6	98.1	98.1	99.1	99.1	99.6	100.0
GE 0	68.4	91.1	92.7	94.2	96.2	96.8	97.0	97.4	97.4	97.6	98.1	98.1	99.1	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 531

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	51.7	63.3	64.4	64.6	65.3	65.5	65.5	65.5	65.5	65.7	65.7	65.7	66.2	66.2	66.2	66.4
GE 20000	54.6	66.2	67.2	67.5	68.1	68.3	68.3	68.3	68.3	68.6	68.6	68.6	69.0	69.0	69.0	69.2
GE 18000	54.6	66.8	67.9	68.1	68.8	69.0	69.0	69.0	69.0	69.2	69.2	69.2	69.7	69.7	69.7	69.9
GE 16000	55.2	67.5	68.6	68.8	69.4	69.7	69.7	69.7	69.7	69.9	69.9	69.9	70.3	70.3	70.3	70.5
GE 14000	55.7	67.9	69.0	69.2	69.9	70.1	70.1	70.1	70.1	70.3	70.3	70.3	70.7	70.7	70.7	71.0
GE 12000	55.9	68.8	69.9	70.1	70.7	71.0	71.0	71.0	71.0	71.2	71.2	71.2	71.6	71.6	71.6	71.8
GE 10000	58.1	72.9	74.0	74.2	75.1	75.3	75.3	75.3	75.3	75.5	75.5	75.5	76.0	76.0	76.0	76.2
GE 9000	58.5	73.4	74.5	74.7	75.5	75.8	75.8	75.8	75.8	76.0	76.0	76.0	76.4	76.4	76.4	76.6
GE 8000	59.4	74.2	75.3	75.5	76.4	76.6	76.6	76.6	76.6	76.9	76.9	76.9	77.3	77.3	77.3	77.5
GE 7000	60.0	75.1	76.2	76.4	77.3	77.5	77.5	77.5	77.5	77.7	77.7	77.7	78.2	78.2	78.2	78.4
GE 6000	60.7	76.2	77.3	77.5	78.4	78.6	78.6	78.6	78.6	78.8	78.8	78.8	79.3	79.3	79.3	79.5
GE 5000	62.9	79.5	80.6	80.8	81.7	81.9	81.9	81.9	81.9	82.1	82.1	82.1	82.5	82.5	82.5	82.8
GE 4500	63.3	79.9	81.0	81.2	82.1	82.3	82.3	82.3	82.3	82.5	82.5	82.5	83.0	83.0	83.0	83.2
GE 4000	63.5	80.1	81.4	81.7	82.5	82.8	82.8	82.8	82.8	83.0	83.0	83.0	83.4	83.4	83.4	83.6
GE 3500	64.0	81.4	82.8	83.2	84.1	84.3	84.3	84.3	84.3	84.5	84.5	84.5	84.9	84.9	84.9	85.2
GE 3000	64.2	82.1	83.4	83.8	84.7	84.9	84.9	84.9	84.9	85.2	85.2	85.2	85.6	85.6	85.6	85.8
GE 2500	65.5	84.3	85.8	86.2	87.1	87.3	87.3	87.3	87.3	87.6	87.6	87.6	88.0	88.0	88.0	88.2
GE 2000	65.9	85.4	86.9	87.3	88.2	88.4	88.4	88.4	88.4	88.6	88.6	88.6	89.1	89.1	89.1	89.3
GE 1800	65.9	85.8	87.3	87.8	88.6	88.9	88.9	88.9	88.9	89.1	89.1	89.1	89.5	89.5	89.5	89.7
GE 1500	66.8	87.6	89.1	89.5	90.4	90.6	90.6	90.6	90.6	90.8	90.8	90.8	91.3	91.3	91.3	91.5
GE 1200	66.8	88.4	90.0	90.4	91.7	91.9	91.9	91.9	91.9	92.1	92.1	92.1	92.6	92.6	92.6	92.8
GE 1000	66.8	88.6	90.2	90.6	91.9	92.1	92.1	92.1	92.1	92.4	92.4	92.4	92.8	92.8	92.8	93.0
GE 900	67.0	88.9	90.4	90.6	92.1	92.4	92.4	92.4	92.4	92.6	92.6	92.6	93.0	93.0	93.0	93.2
GE 800	67.0	89.1	90.6	91.0	92.4	92.6	92.6	92.6	92.6	92.8	92.8	92.8	93.2	93.2	93.2	93.4
GE 700	67.0	89.5	91.0	91.5	92.8	93.0	93.2	93.2	93.2	93.4	93.4	93.4	93.9	93.9	93.9	94.1
GE 600	67.2	90.2	91.9	92.4	93.9	94.1	94.8	94.8	94.8	95.0	95.0	95.0	95.4	95.4	95.4	95.6
GE 500	67.2	90.4	92.1	92.6	94.1	94.3	95.0	95.2	95.2	95.4	95.4	95.4	95.9	95.9	95.9	96.1
GE 400	67.2	90.8	92.8	93.2	95.0	95.2	95.9	96.1	96.1	96.3	96.3	96.3	96.7	96.7	96.7	96.9
GE 300	67.2	90.8	92.8	93.2	95.2	95.4	96.1	96.3	96.3	96.7	96.7	96.7	97.2	97.2	97.2	97.4
GE 200	67.2	90.8	92.8	93.2	95.2	95.9	96.7	96.9	96.9	97.6	97.6	97.6	98.5	98.5	98.7	99.6
GE 100	67.2	90.8	92.8	93.2	95.2	95.9	96.7	96.9	96.9	97.6	97.6	97.6	98.5	98.5	98.7	99.8
GE 0	67.2	90.8	92.8	93.2	95.2	95.9	96.7	96.9	96.9	97.6	97.6	97.6	98.5	98.5	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 458

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	49.6	57.9	59.5	60.1	60.8	61.0	61.0	61.1	61.2	61.2	61.3	61.3	61.5	61.5	61.6	61.8
GE 20000	55.8	64.5	66.2	66.9	67.6	67.9	67.9	68.0	68.0	68.1	68.2	68.2	68.4	68.4	68.4	68.7
GE 18000	56.4	65.3	67.0	67.7	68.4	68.7	68.7	68.8	68.8	68.9	69.0	69.0	69.2	69.2	69.3	69.5
GE 16000	56.6	65.5	67.2	67.9	68.7	68.9	68.9	69.0	69.0	69.2	69.2	69.2	69.4	69.4	69.5	69.7
GE 14000	57.4	66.4	68.1	68.8	69.5	69.8	69.9	69.9	70.0	70.1	70.2	70.2	70.3	70.3	70.4	70.6
GE 12000	58.5	67.9	69.8	70.5	71.2	71.4	71.5	71.6	71.6	71.7	71.8	71.8	72.0	72.0	72.1	72.3
GE 10000	60.4	70.6	72.4	73.2	74.1	74.3	74.4	74.5	74.5	74.7	74.8	74.8	74.9	75.0	75.0	75.3
GE 9000	60.6	70.8	72.6	73.4	74.3	74.5	74.6	74.7	74.7	74.9	75.0	75.0	75.1	75.1	75.2	75.4
GE 8000	61.6	72.0	73.9	74.6	75.5	75.7	75.8	75.9	75.9	76.1	76.2	76.2	76.3	76.4	76.4	76.7
GE 7000	62.3	72.8	74.6	75.4	76.3	76.6	76.6	76.7	76.7	76.9	77.0	77.0	77.1	77.2	77.3	77.5
GE 6000	63.0	73.7	75.6	76.4	77.2	77.5	77.6	77.6	77.7	77.8	77.9	77.9	78.1	78.1	78.2	76.4
GE 5000	65.3	76.3	78.2	79.0	79.9	80.1	80.2	80.3	80.3	80.5	80.6	80.6	80.7	80.8	60.8	81.1
GE 4500	65.7	76.7	78.7	79.4	80.3	80.6	80.7	80.7	80.8	81.0	81.0	81.0	81.2	81.2	81.3	81.5
GE 4000	66.7	78.1	80.0	80.8	81.8	82.0	82.1	82.2	82.2	82.4	82.5	82.5	82.6	82.7	82.7	83.0
GE 3500	68.6	80.2	82.2	83.0	84.0	84.2	84.3	84.4	84.5	84.6	84.7	84.7	84.9	84.9	85.0	85.2
GE 3000	70.0	82.3	84.4	85.3	86.3	86.5	86.7	86.7	86.8	87.0	87.0	87.0	87.2	87.3	87.3	87.5
GE 2500	70.7	83.7	85.9	87.0	88.2	88.4	88.6	88.7	88.7	88.9	89.0	89.0	89.2	89.2	89.3	89.5
GE 2000	71.2	84.7	87.0	88.1	89.4	89.7	89.8	90.0	90.0	90.2	90.2	90.2	90.4	90.5	90.5	90.8
GE 1800	71.2	84.9	87.2	88.3	89.7	89.9	90.1	90.2	90.2	90.4	90.5	90.5	90.7	90.7	90.8	91.0
GE 1500	71.6	85.6	88.2	89.4	90.8	91.1	91.4	91.5	91.6	91.9	92.0	92.0	92.1	92.2	92.2	92.5
GE 1200	71.9	86.5	89.3	90.6	92.2	92.5	92.8	92.9	93.0	93.3	93.4	93.4	93.7	93.7	93.8	94.0
GE 1000	72.0	86.8	89.5	90.9	92.5	92.8	93.1	93.3	93.3	93.7	93.7	93.7	94.0	94.0	94.1	94.3
GE 900	72.0	87.0	89.8	91.2	92.9	93.2	93.5	93.7	93.8	94.1	94.2	94.2	94.5	94.5	94.6	94.8
GE 800	72.1	87.3	90.1	91.5	93.2	93.5	93.8	94.1	94.2	94.6	94.7	94.7	94.9	95.0	95.1	95.3
GE 700	72.1	87.5	90.3	91.8	93.5	93.8	94.2	94.4	94.5	95.0	95.1	95.1	95.4	95.4	95.5	95.7
GE 600	72.2	87.7	90.6	92.1	93.9	94.2	94.7	95.1	95.2	95.6	95.8	95.8	96.0	96.0	96.1	96.3
GE 500	72.2	87.9	90.9	92.4	94.3	94.6	95.1	95.5	95.6	96.1	96.2	96.2	96.5	96.5	96.6	96.8
GE 400	72.2	88.0	91.0	92.6	94.6	94.9	95.5	95.9	96.1	96.5	96.7	96.7	96.9	97.0	97.1	97.3
GE 300	72.3	88.0	91.1	92.7	94.8	95.1	95.6	96.1	96.4	96.9	97.3	97.3	97.6	97.6	97.7	98.0
GE 200	72.3	88.0	91.1	92.7	94.8	95.1	95.8	96.3	96.5	97.2	97.6	97.6	98.1	98.2	98.4	99.2
GE 100	72.3	88.0	91.1	92.7	94.8	95.1	95.8	96.3	96.5	97.2	97.6	97.6	98.1	98.2	98.5	99.7
GE 0	72.3	88.0	91.1	92.7	94.8	95.1	95.8	96.3	96.5	97.2	97.6	97.6	98.1	98.2	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 3702

LOBAL CLIMATOLOGY BRANCH
SAFETAC
IR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

TATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	48.5	53.8	54.9	56.4	56.8	56.8	57.0	57.2	57.2	57.5	57.5	57.5	57.9	58.3	59.1	60.6
GE 20000	50.4	56.2	57.5	59.4	59.8	59.8	60.0	60.2	60.2	60.6	60.6	60.6	60.9	61.3	62.1	63.6
GE 18000	51.3	57.5	58.9	60.8	61.1	61.1	61.3	61.5	61.5	61.9	61.9	61.9	62.3	62.6	63.4	64.9
GE 16000	51.5	57.9	59.2	61.1	61.5	61.5	61.7	61.9	61.9	62.3	62.3	62.3	62.6	63.0	63.8	65.3
GE 14000	52.5	58.9	60.2	62.1	62.5	62.5	62.6	62.8	62.8	63.2	63.2	63.2	63.6	64.0	64.7	66.2
GE 12000	53.6	60.0	61.5	63.4	63.8	63.8	64.0	64.2	64.2	64.5	64.5	64.5	64.9	65.3	66.0	67.5
GE 10000	54.0	61.1	62.8	64.9	65.3	65.3	65.7	65.8	66.0	66.4	66.4	66.4	66.8	67.2	67.9	69.4
GE 9000	54.0	61.5	63.2	65.3	65.7	65.7	66.0	66.2	66.4	66.8	66.8	66.8	67.2	67.5	68.3	69.8
GE 8000	56.2	64.2	65.8	67.9	68.3	68.5	68.9	69.1	69.2	69.6	69.6	69.6	70.0	70.4	71.1	72.6
GE 7000	56.8	64.7	66.4	68.5	68.9	69.1	69.4	69.6	69.8	70.2	70.2	70.2	70.6	70.9	71.7	73.2
GE 6000	58.9	66.8	68.5	70.6	70.9	71.1	71.5	71.7	71.9	72.3	72.3	72.3	72.6	73.0	73.8	75.3
GE 5000	60.0	68.5	70.2	72.3	72.6	72.8	73.2	73.4	73.6	74.0	74.0	74.0	74.3	74.7	75.5	77.0
GE 4500	60.6	70.0	71.7	73.8	74.3	74.5	74.9	75.1	75.3	75.7	75.7	75.7	76.0	76.4	77.2	78.7
GE 4000	62.3	71.9	73.6	75.7	76.2	76.4	76.8	77.0	77.2	77.5	77.5	77.5	77.9	78.3	79.1	80.6
GE 3500	63.0	73.0	74.9	77.0	77.5	77.7	78.1	78.3	78.5	78.9	78.9	78.9	79.2	79.6	80.4	81.9
GE 3000	64.2	74.9	76.8	78.9	79.4	79.8	80.2	80.4	80.6	80.9	81.1	81.1	81.9	82.3	83.0	84.5
GE 2500	65.1	76.6	78.5	80.6	81.1	81.5	81.9	82.1	82.3	82.6	82.8	82.8	83.6	84.0	84.7	86.2
GE 2000	65.7	78.3	80.2	82.5	83.0	83.4	83.8	84.0	84.3	84.7	84.9	84.9	85.7	86.0	86.8	88.3
GE 1800	65.7	78.5	80.4	82.8	83.6	84.0	84.3	84.5	84.9	85.3	85.5	85.5	86.2	86.6	87.4	88.9
GE 1500	65.8	79.6	81.5	84.2	85.5	85.8	86.2	86.4	86.8	87.2	87.4	87.4	88.1	88.5	89.2	90.8
GE 1200	66.0	80.8	82.6	85.3	86.6	87.0	87.4	87.5	87.9	88.3	88.5	88.5	89.2	89.6	90.4	91.9
GE 1000	66.2	80.9	82.8	85.5	86.8	87.4	87.7	87.9	88.3	88.7	88.9	88.9	89.6	90.0	90.8	92.3
GE 900	66.4	81.3	83.2	86.0	87.4	87.9	88.3	88.5	88.9	89.4	89.6	89.6	90.4	90.8	91.5	93.0
GE 800	66.6	81.7	83.6	86.6	87.9	88.5	88.9	89.1	89.4	90.0	90.2	90.2	90.9	91.3	92.1	93.6
GE 700	66.6	81.7	83.6	86.6	87.9	88.5	88.9	89.1	89.4	90.0	90.2	90.2	90.9	91.3	92.1	93.6
GE 600	66.6	81.7	83.6	86.6	87.9	88.5	88.9	89.1	89.6	90.2	90.4	90.4	91.1	91.5	92.3	93.8
GE 500	66.6	81.7	83.8	86.8	88.1	88.7	89.1	89.2	89.8	90.6	90.8	90.8	91.5	91.9	92.6	94.2
GE 400	66.6	81.7	83.8	86.8	88.1	88.7	89.1	89.4	90.0	90.9	91.3	91.3	92.1	92.5	93.2	94.9
GE 300	66.6	81.7	83.8	86.8	88.1	88.7	89.1	89.4	90.0	90.9	91.5	91.5	92.5	92.8	93.6	95.3
GE 200	66.6	81.7	83.8	86.8	88.1	88.7	89.1	89.4	90.0	90.9	91.5	91.5	92.8	93.2	94.3	97.5
GE 100	66.6	81.7	83.8	86.8	88.1	88.7	89.1	89.4	90.0	90.9	91.5	91.5	93.0	93.8	95.1	99.2
GE 0	66.6	81.7	83.8	86.8	88.1	88.7	89.1	89.4	90.0	90.9	91.5	91.5	93.0	93.8	95.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 550

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	50.9	55.4	57.4	58.2	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.6	59.8	59.8	59.9
GE 20000	55.4	62.3	64.5	65.4	66.9	66.9	67.0	67.0	67.2	67.2	67.2	67.2	67.3	67.4	67.4	67.7
GE 18000	56.3	63.5	65.7	66.6	68.1	68.1	68.3	68.3	68.5	68.5	68.5	68.5	68.6	68.7	68.7	69.0
GE 16000	56.3	63.5	65.7	66.6	68.1	68.1	68.3	68.3	68.5	68.5	69.5	68.5	68.6	68.7	68.7	69.0
GE 14000	57.0	64.2	66.5	67.5	69.0	69.0	69.3	69.3	69.4	69.4	69.4	69.4	69.5	69.7	69.7	69.9
GE 12000	57.5	64.8	67.0	68.1	69.5	69.5	69.8	69.8	69.9	69.9	69.9	69.9	70.1	70.2	70.2	70.4
GE 10000	58.7	66.6	68.9	69.9	71.4	71.4	72.0	72.0	72.2	72.2	72.2	72.2	72.3	72.4	72.4	72.7
GE 9000	58.7	66.6	68.9	69.9	71.4	71.4	72.0	72.0	72.2	72.2	72.2	72.2	72.3	72.4	72.4	72.7
GE 8000	60.0	68.2	70.4	71.8	73.2	73.2	73.9	73.9	74.0	74.0	74.0	74.0	74.1	74.3	74.3	74.5
GE 7000	61.6	69.8	72.0	73.4	74.8	74.8	75.5	75.5	75.6	75.6	75.6	75.6	75.7	75.9	75.9	76.1
GE 6000	63.2	71.4	73.6	74.9	76.4	76.4	77.0	77.0	77.2	77.2	77.2	77.2	77.3	77.4	77.4	77.7
GE 5000	64.5	72.8	75.1	76.4	77.8	77.8	78.5	78.5	78.6	78.6	78.6	78.6	78.8	78.9	78.9	79.2
GE 4500	65.6	74.5	76.9	78.2	79.7	79.7	80.3	80.3	80.5	80.5	80.5	80.5	80.6	80.7	80.7	81.0
GE 4000	67.2	76.3	78.8	80.2	81.7	81.7	82.3	82.3	82.5	82.5	82.5	82.5	82.6	82.7	82.7	83.0
GE 3500	69.4	78.6	81.1	82.6	84.2	84.2	84.8	84.8	85.0	85.0	85.0	85.0	85.1	85.2	85.2	85.5
GE 3000	70.6	81.1	83.8	85.2	86.9	86.9	87.6	87.6	87.7	87.9	87.9	87.9	88.0	88.1	88.1	88.[illegible]
GE 2500	71.1	82.1	85.0	86.7	88.5	88.5	89.4	89.6	89.7	89.8	89.8	89.8	90.0	90.1	90.1	90.4
GE 2000	72.2	83.4	86.8	88.8	90.8	90.8	91.8	92.0	92.1	92.2	92.2	92.2	92.3	92.5	92.5	92.7
GE 1800	72.3	83.5	86.9	88.9	90.9	90.9	92.0	92.1	92.2	92.3	92.3	92.3	92.5	92.6	92.6	92.9
GE 1500	72.3	84.7	88.1	90.1	92.3	92.3	93.4	93.7	93.8	93.9	93.9	93.9	94.1	94.2	94.2	94.5
GE 1200	72.6	85.5	88.9	90.9	93.1	93.1	94.2	94.5	94.6	94.9	94.9	94.9	95.0	95.1	95.1	95.4
GE 1000	72.6	85.6	89.1	91.0	93.3	93.3	94.3	94.6	94.7	95.0	95.0	95.0	95.1	95.3	95.3	95.5
GE 900	72.6	85.6	89.1	91.0	93.3	93.3	94.3	94.6	94.7	95.0	95.0	95.0	95.1	95.3	95.3	95.5
GE 800	72.6	85.6	89.1	91.0	93.3	93.3	94.3	94.6	94.7	95.0	95.0	95.0	95.1	95.3	95.3	95.5
GE 700	72.6	85.6	89.1	91.0	93.3	93.3	94.3	94.6	94.7	95.0	95.0	95.0	95.1	95.3	95.3	95.5
GE 600	72.6	85.6	89.1	91.2	93.4	93.4	94.5	94.7	95.0	95.3	95.3	95.3	95.4	95.5	95.5	95.8
GE 500	72.6	85.6	89.1	91.3	93.5	93.5	94.6	95.0	95.3	95.6	95.6	95.6	95.8	95.9	95.9	96.2
GE 400	72.6	85.8	89.2	91.4	93.7	93.9	95.1	95.5	95.8	96.2	96.2	96.2	96.4	96.6	96.6	96.8
GE 300	72.6	85.8	89.2	91.4	93.8	94.1	95.3	95.8	96.0	96.4	96.4	96.4	96.8	97.0	97.0	97.2
GE 200	72.6	85.8	89.2	91.4	93.8	94.1	95.4	95.9	96.3	96.7	96.8	96.8	97.8	98.0	98.4	99.1
GE 100	72.6	85.8	89.2	91.4	93.8	94.1	95.4	95.9	96.3	96.7	96.8	96.8	97.8	98.0	98.5	100.0
GE 0	72.6	85.8	89.2	91.4	93.8	94.1	95.4	95.9	96.3	96.7	96.8	96.8	97.8	98.0	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 758

LOBAL CLIMATOLOGY BRANCH
SAFETAC
IR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

TATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	57.0	60.7	61.3	61.5	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 20000	64.0	68.5	69.2	69.4	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 18000	64.2	68.8	69.6	69.8	70.1	70.1	70.1	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 16000	64.2	68.8	69.6	69.8	70.1	70.1	70.1	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 14000	65.3	70.1	70.9	71.2	71.4	71.4	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 12000	66.9	71.8	72.6	72.9	73.2	73.2	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 10000	69.4	74.6	75.4	75.7	76.0	76.0	76.0	76.2	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6
GE 9000	69.6	74.8	75.6	76.0	76.4	76.4	76.4	76.6	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0
GE 8000	70.2	75.7	76.6	77.0	77.4	77.6	77.6	77.8	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2
GE 7000	71.2	76.8	77.7	78.1	78.5	78.6	78.6	78.9	79.0	79.0	79.3	79.3	79.3	79.3	79.3	79.3
GE 6000	72.5	78.1	79.0	79.4	79.8	80.0	80.0	80.2	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6
GE 5000	74.6	80.2	81.2	81.6	82.1	82.2	82.2	82.5	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9
GE 4500	75.7	81.4	82.5	82.9	83.4	83.6	83.6	83.8	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2
GE 4000	78.2	84.2	85.3	85.7	86.2	86.4	86.4	86.6	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0
GE 3500	80.2	86.6	88.0	88.7	89.2	89.3	89.3	89.6	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0
GE 3000	82.2	89.5	91.2	92.0	93.1	93.3	93.3	93.6	93.7	93.7	94.0	94.0	94.1	94.1	94.1	94.1
GE 2500	82.5	90.1	91.9	92.7	93.7	94.0	94.0	94.3	94.4	94.4	94.7	94.7	94.8	94.8	94.8	94.8
GE 2000	82.8	91.1	93.6	94.5	96.0	96.3	96.3	96.5	96.7	96.7	96.9	96.9	97.1	97.1	97.1	97.1
GE 1800	82.8	91.2	93.7	94.7	96.1	96.4	96.4	96.7	96.8	96.8	97.1	97.1	97.2	97.2	97.2	97.2
GE 1500	83.0	91.9	94.4	95.3	96.9	97.2	97.2	97.5	97.7	97.7	98.0	98.0	98.1	98.1	98.1	98.1
GE 1200	83.2	92.3	94.8	95.7	97.3	97.6	97.6	97.9	98.1	98.1	98.4	98.4	98.5	98.5	98.5	98.5
GE 1000	83.3	92.5	95.2	96.1	97.9	98.1	98.1	98.4	98.7	98.7	98.9	98.9	99.1	99.1	99.1	99.1
GE 900	83.3	92.5	95.2	96.1	97.9	98.1	98.1	98.4	98.7	98.7	98.9	98.9	99.1	99.1	99.1	99.1
GE 800	83.3	92.5	95.2	96.1	97.9	98.1	98.1	98.4	98.7	98.7	98.9	98.9	99.1	99.1	99.1	99.1
GE 700	83.3	92.7	95.3	96.3	98.0	98.3	98.3	98.5	98.8	98.8	99.1	99.1	99.2	99.2	99.2	99.2
GE 600	83.3	92.7	95.5	96.4	98.1	98.4	98.4	98.7	98.9	98.9	99.2	99.2	99.3	99.3	99.3	99.3
GE 500	83.4	92.8	95.9	96.9	98.7	98.9	98.9	99.2	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9
GE 400	83.4	92.8	95.9	96.9	98.7	98.9	98.9	99.2	99.5	99.5	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	83.4	92.8	95.9	96.9	98.7	98.9	98.9	99.2	99.5	99.5	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	83.4	92.8	95.9	96.9	98.7	98.9	98.9	99.2	99.5	99.5	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	83.4	92.8	95.9	96.9	98.7	98.9	98.9	99.2	99.5	99.5	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	83.4	92.8	95.9	96.9	98.7	98.9	98.9	99.2	99.5	99.5	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 749

GLOBAL CLIMATOLOGY BRANCH
SAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	56.9	61.1	61.5	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 20000	64.9	69.5	70.0	70.6	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9
GE 18000	65.5	70.8	71.2	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.2
GE 16000	65.5	70.8	71.2	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.2
GE 14000	65.8	71.2	71.8	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.8
GE 12000	68.2	73.8	74.5	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.4
GE 10000	70.9	77.1	77.7	78.3	78.3	78.3	78.5	78.6	78.6	78.6	78.8	78.8	78.9	78.9	78.9	79.1
GE 9000	70.9	77.1	77.7	78.3	78.3	78.3	78.5	78.6	78.6	78.6	78.8	78.9	79.1	79.1	79.1	79.2
GE 8000	71.7	78.0	78.6	79.4	79.4	79.4	79.5	79.7	79.7	79.7	79.8	80.0	80.2	80.2	80.2	80.3
GE 7000	72.6	78.9	79.5	80.3	80.3	80.3	80.5	80.6	80.6	80.6	80.8	80.9	81.1	81.1	81.1	81.2
GE 6000	74.3	80.6	81.2	82.0	82.0	82.0	82.2	82.3	82.3	82.3	82.5	82.6	82.8	82.8	82.8	82.9
GE 5000	74.9	81.5	82.3	83.1	83.1	83.1	83.4	83.5	83.5	83.5	83.7	83.8	84.2	84.2	84.2	84.3
GE 4500	75.7	82.5	83.2	84.0	84.0	84.0	84.3	84.5	84.5	84.5	84.6	84.8	85.1	85.1	85.1	85.2
GE 4000	77.1	84.0	84.9	85.8	85.8	85.8	86.2	86.3	86.3	86.3	86.5	86.6	86.9	86.9	86.9	87.1
GE 3500	79.2	87.2	88.3	89.2	89.2	89.2	89.5	89.7	89.7	89.7	89.8	90.0	90.3	90.3	90.3	90.5
GE 3000	80.6	90.3	91.7	92.9	92.9	92.9	93.2	93.4	93.4	93.4	93.5	93.7	94.3	94.3	94.3	94.5
GE 2500	80.9	91.2	92.9	94.3	94.5	94.5	94.8	94.9	94.9	94.9	95.1	95.2	95.8	95.8	95.8	96.0
GE 2000	81.7	92.0	93.7	95.4	95.5	95.5	95.8	96.0	96.0	96.0	96.2	96.3	96.9	96.9	96.9	97.1
GE 1800	82.0	92.3	94.0	95.7	95.8	95.8	96.2	96.3	96.3	96.3	96.5	96.6	97.2	97.2	97.2	97.4
GE 1500	82.3	92.8	94.5	96.3	96.5	96.5	96.8	96.9	96.9	96.9	97.1	97.2	97.8	97.8	97.8	98.0
GE 1200	82.5	93.4	95.1	96.9	97.1	97.1	97.4	97.5	97.5	97.5	97.7	97.8	98.5	98.5	98.5	98.6
GE 1000	82.6	93.5	95.2	97.1	97.2	97.2	97.5	97.7	97.7	97.7	97.8	98.0	98.6	98.6	98.6	98.8
GE 900	82.6	93.5	95.2	97.1	97.2	97.2	97.5	97.7	97.7	97.7	97.8	98.0	98.6	98.6	98.6	98.8
GE 800	82.6	93.7	95.5	97.4	97.5	97.5	97.8	98.0	98.0	98.0	98.2	98.3	98.9	98.9	98.9	99.1
GE 700	82.6	93.7	95.5	97.4	97.5	97.5	97.8	98.0	98.0	98.0	98.2	98.3	98.9	98.9	98.9	99.1
GE 600	82.6	93.7	95.5	97.4	97.5	97.5	97.8	98.0	98.0	98.0	98.2	98.3	98.9	98.9	98.9	99.1
GE 500	82.6	93.8	95.7	97.5	97.7	97.7	98.2	98.3	98.3	98.3	98.5	98.6	99.2	99.2	99.2	99.4
GE 400	82.6	93.8	95.8	97.7	97.8	97.8	98.3	98.5	98.5	98.5	98.6	98.8	99.4	99.4	99.4	99.5
GE 300	82.6	93.8	95.8	97.7	97.8	97.8	98.3	98.5	98.5	98.5	98.8	98.9	99.5	99.5	99.5	99.7
GE 200	82.6	93.8	95.8	97.7	97.8	97.8	98.3	98.5	98.5	98.5	98.8	98.9	99.5	99.5	99.7	100.0
GE 100	82.6	93.8	95.8	97.7	97.8	97.8	98.3	98.5	98.5	98.5	98.8	98.9	99.5	99.5	99.7	100.0
GE 0	82.6	93.8	95.8	97.7	97.8	97.8	98.3	98.5	98.5	98.5	98.8	98.9	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 650

LOBAL CLIMATOLOGY BRANCH
SAFETAC
IR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

TATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
40 CEIL	55.4	64.9	65.4	65.4	66.0	66.0	66.2	66.8	66.8	66.8	66.8	66.8	66.8	66.8	67.0	67.3
GE 20000	59.4	71.8	72.6	72.8	73.4	73.4	73.6	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.4	75.5
GE 18000	59.9	72.6	73.4	73.6	74.1	74.1	74.4	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.2	76.3
GE 16000	59.9	72.6	73.4	73.6	74.1	74.1	74.4	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.2	76.3
GE 14000	60.4	73.1	73.9	74.1	74.7	74.7	74.9	75.5	75.5	75.5	75.7	75.7	76.0	76.0	76.3	77.3
GE 12000	62.0	74.7	75.5	75.7	76.3	76.3	76.5	77.0	77.0	77.0	77.3	77.3	77.6	77.6	77.8	78.9
GE 10000	63.1	76.8	77.6	77.8	78.4	78.4	78.6	79.2	79.2	79.2	79.4	79.4	79.7	79.7	79.9	81.0
GE 9000	63.1	76.8	77.6	77.8	78.4	78.4	78.6	79.2	79.2	79.2	79.4	79.4	79.7	79.7	79.9	81.0
GE 8000	63.9	78.4	79.2	79.4	79.9	79.9	80.2	80.7	80.7	80.7	81.0	81.0	81.3	81.3	81.5	82.6
GE 7000	64.9	79.4	80.2	80.5	81.0	81.0	81.3	81.8	81.8	81.8	82.1	82.1	82.3	82.3	82.6	83.6
GE 6000	66.5	81.0	81.8	82.1	82.6	82.6	82.8	83.4	83.4	83.4	83.6	83.6	83.9	83.9	84.2	85.2
GE 5000	67.3	81.8	82.6	82.8	83.4	83.4	83.6	84.2	84.2	84.2	84.4	84.4	84.7	84.7	85.0	86.0
GE 4500	68.6	83.1	83.9	84.2	84.7	84.7	85.0	85.5	85.5	85.5	85.8	85.8	86.0	86.0	86.3	87.3
GE 4000	69.1	83.9	84.7	85.0	85.5	85.5	85.8	86.3	86.3	86.3	86.5	86.5	86.8	86.8	87.1	88.1
GE 3500	69.9	85.5	86.3	86.5	87.1	87.1	87.3	87.9	87.9	87.9	88.1	88.1	88.4	88.4	88.7	89.7
GE 3000	70.4	87.1	88.1	88.4	88.9	88.9	89.2	89.7	89.7	89.7	90.0	90.0	90.5	90.5	90.8	91.8
GE 2500	71.5	89.2	90.2	90.5	91.0	91.0	91.3	91.8	91.8	91.8	92.1	92.1	92.6	92.6	92.9	93.9
GE 2000	72.6	90.5	91.6	91.8	92.3	92.3	92.6	93.1	93.1	93.1	93.4	93.4	93.9	93.9	94.2	95.3
GE 1800	72.8	90.8	91.8	92.1	92.6	92.6	92.9	93.4	93.4	93.4	93.7	93.7	94.2	94.2	94.5	95.5
GE 1500	73.1	91.0	92.1	92.3	92.9	92.9	93.1	93.7	93.7	93.7	93.9	93.9	94.5	94.5	94.7	95.8
GE 1200	73.1	91.0	92.1	92.3	92.9	92.9	93.1	93.7	93.7	93.7	93.9	93.9	94.5	94.5	94.7	95.8
GE 1000	73.1	91.0	92.1	92.3	93.4	93.4	93.9	94.5	94.5	94.5	94.7	94.7	95.3	95.3	95.5	96.6
GE 900	73.4	91.3	92.3	92.6	93.7	93.7	94.2	95.0	95.0	95.0	95.3	95.3	95.8	95.8	96.0	97.1
GE 800	73.4	91.6	92.6	92.9	93.9	93.9	94.5	95.5	95.5	95.5	95.8	95.8	96.3	96.3	96.6	97.6
GE 700	73.4	92.1	93.1	93.4	94.5	94.5	95.0	96.0	96.0	96.0	96.3	96.3	96.8	96.8	97.1	98.2
GE 600	73.4	92.1	93.1	93.4	94.5	94.5	95.0	96.3	96.3	96.3	96.6	96.6	97.1	97.1	97.4	98.4
GE 500	73.4	92.3	93.4	93.7	94.7	94.7	95.3	96.6	96.6	96.6	96.8	96.8	97.4	97.4	97.6	98.7
GE 400	73.4	92.3	93.4	93.7	94.7	94.7	95.3	96.6	96.6	96.6	96.8	96.8	97.4	97.4	97.6	98.7
GE 300	73.4	92.3	93.4	93.7	94.7	94.7	95.3	96.6	96.6	96.6	96.8	96.8	97.9	97.9	98.2	99.2
GE 200	73.4	92.3	93.4	93.7	94.7	94.7	95.3	96.6	96.6	96.8	97.1	97.1	98.2	98.4	98.9	100.0
GE 100	73.4	92.3	93.4	93.7	94.7	94.7	95.3	96.6	96.6	96.8	97.1	97.1	98.2	98.4	98.9	100.0
GE 0	73.4	92.3	93.4	93.7	94.7	94.7	95.3	96.6	96.6	96.8	97.1	97.1	98.2	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 379

AD-A174 414 FT ORD/FRITZSCHE AAF CALIFORNIA LIMITED SURFACE OBSERVATIONS CLIMATIC SUM..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 28 OCT 86 3/3

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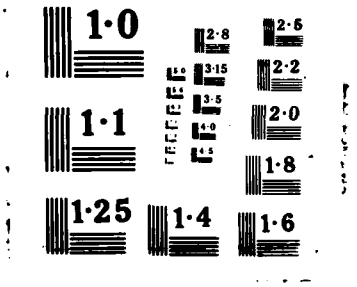
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	57.4	67.6	68.2	69.1	69.1	69.1	69.1	69.7	69.7	69.7	70.6	70.6	70.6	70.9	70.9	70.9
GE 20000	58.6	70.0	70.6	71.5	71.8	71.8	71.8	72.4	72.4	72.4	73.3	73.3	73.3	73.6	73.6	73.6
GE 18000	58.6	70.0	70.6	71.5	71.8	71.8	71.8	72.4	72.4	72.4	73.3	73.3	73.3	73.6	73.6	73.6
GE 16000	58.6	70.0	70.6	71.5	71.8	71.8	71.8	72.4	72.4	72.4	73.3	73.3	73.3	73.6	73.6	73.6
GE 14000	58.9	70.3	70.9	71.8	72.1	72.1	72.1	72.7	72.7	73.3	74.5	74.5	74.5	74.8	74.8	74.8
GE 12000	61.3	73.3	73.9	74.8	75.1	75.1	75.1	75.7	75.7	76.3	77.5	77.5	77.5	77.8	77.8	77.8
GE 10000	62.2	74.8	75.4	76.3	76.6	76.6	76.6	77.2	77.2	77.8	79.0	79.0	79.0	79.3	79.3	79.3
GE 9000	62.2	74.8	75.4	76.3	76.6	76.6	76.6	77.2	77.2	77.8	79.0	79.0	79.0	79.3	79.3	79.3
GE 8000	64.3	77.8	78.4	79.3	79.6	79.6	79.6	80.2	80.2	80.8	82.0	82.0	82.0	82.3	82.3	82.3
GE 7000	64.3	77.8	78.4	79.3	79.6	79.6	79.6	80.2	80.2	80.8	82.0	82.0	82.0	82.3	82.3	82.3
GE 6000	65.5	79.0	79.6	80.5	80.8	80.8	80.8	81.4	81.4	82.0	83.2	83.2	83.2	83.5	83.5	83.5
GE 5000	66.7	80.2	80.8	81.7	82.0	82.0	82.0	82.6	82.6	83.2	84.4	84.4	84.4	84.7	84.7	84.7
GE 4500	67.9	81.4	82.0	82.9	83.2	83.2	83.2	83.8	83.8	84.4	85.6	85.6	85.6	85.9	85.9	85.9
GE 4000	67.9	81.4	82.0	82.9	83.2	83.2	83.2	83.8	83.8	84.4	85.6	85.6	85.6	85.9	85.9	85.9
GE 3500	69.1	82.6	83.2	84.1	84.4	84.4	84.4	85.0	85.0	85.6	86.8	86.8	86.8	87.1	87.1	87.1
GE 3000	70.0	83.5	84.1	85.0	85.3	85.3	85.3	85.9	85.9	86.5	87.7	87.7	87.7	88.0	88.0	88.0
GE 2500	72.7	86.5	87.1	88.3	88.6	88.6	88.6	89.2	89.2	89.8	91.0	91.0	91.0	91.3	91.3	91.3
GE 2000	73.9	88.6	89.2	90.4	90.7	90.7	90.7	91.3	91.3	91.9	93.1	93.1	93.1	93.4	93.4	93.4
GE 1800	73.9	88.6	89.2	90.4	90.7	90.7	90.7	91.3	91.3	91.9	93.1	93.1	93.1	93.4	93.4	93.4
GE 1500	74.8	89.5	90.1	91.3	91.6	91.6	91.6	92.2	92.2	92.8	94.0	94.0	94.0	94.3	94.3	94.3
GE 1200	74.8	90.4	91.0	92.5	93.1	93.1	93.1	93.7	93.7	94.3	95.5	95.5	95.5	95.8	95.8	95.8
GE 1000	74.8	90.4	91.0	92.5	93.1	93.1	93.4	94.0	94.0	94.6	95.8	95.8	95.8	96.1	96.1	96.1
GE 900	74.8	90.4	91.0	92.5	93.1	93.1	93.4	94.0	94.0	94.6	95.8	95.8	95.8	96.1	96.1	96.1
GE 800	74.8	90.4	91.0	92.5	93.1	93.1	93.4	94.0	94.0	94.6	95.8	95.8	95.8	96.1	96.1	96.1
GE 700	74.8	90.4	91.0	92.5	93.1	93.1	93.4	94.0	94.0	94.6	95.8	95.8	95.8	96.1	96.1	96.1
GE 600	74.8	90.4	91.0	92.5	93.1	93.1	93.4	94.0	94.0	94.6	95.8	95.8	95.8	96.1	96.1	96.1
GE 500	74.8	90.4	91.0	92.5	93.1	93.1	93.4	94.0	94.0	94.6	95.8	95.8	95.8	96.1	96.1	96.1
GE 400	74.8	90.4	91.0	92.5	93.1	93.1	93.4	94.0	94.0	94.6	95.8	95.8	95.8	96.1	96.1	96.1
GE 300	74.8	90.4	91.0	92.5	93.4	93.4	93.7	94.3	94.3	94.9	96.1	96.1	96.1	96.7	96.7	97.3
GE 200	74.8	90.4	91.0	92.5	93.4	93.4	93.7	94.3	94.3	94.9	96.1	96.1	96.1	96.7	96.7	98.5
GE 100	74.8	90.4	91.0	92.5	93.4	93.4	93.7	94.3	94.3	94.9	96.1	96.1	96.1	96.7	96.7	99.1
GE 0	74.8	90.4	91.0	92.5	93.4	93.4	93.7	94.3	94.3	94.9	96.1	96.1	96.1	96.7	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 333

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	54.2	59.7	60.6	61.3	61.7	61.7	61.8	62.0	62.0	62.0	62.1	62.1	62.2	62.3	62.5	62.8
GE 20000	59.1	65.9	67.0	67.8	68.3	68.3	68.4	68.6	68.6	68.7	68.8	68.8	68.9	69.0	69.1	69.6
GE 18000	59.7	66.8	67.9	68.7	69.2	69.2	69.3	69.5	69.6	69.6	69.7	69.7	69.8	69.9	70.1	70.5
GE 16000	59.7	66.8	67.9	68.7	69.3	69.3	69.4	69.6	69.6	69.7	69.8	69.8	69.9	70.0	70.1	70.6
GE 14000	60.4	67.6	68.8	69.6	70.1	70.1	70.3	70.4	70.5	70.6	70.8	70.8	70.9	71.0	71.1	71.6
GE 12000	61.9	69.3	70.4	71.3	71.8	71.8	71.9	72.1	72.2	72.3	72.4	72.4	72.6	72.7	72.8	73.3
GE 10000	63.5	71.5	72.7	73.5	74.1	74.1	74.3	74.6	74.6	74.8	75.0	75.0	75.1	75.3	75.4	75.8
GE 9000	63.5	71.6	72.8	73.6	74.2	74.2	74.5	74.7	74.8	74.9	75.1	75.2	75.3	75.4	75.6	76.0
GE 8000	64.8	73.2	74.4	75.4	75.9	76.0	76.3	76.5	76.6	76.7	76.9	77.0	77.1	77.2	77.4	77.8
GE 7000	65.7	74.1	75.4	76.3	76.9	77.0	77.2	77.5	77.6	77.7	77.9	77.9	78.1	78.2	78.3	78.8
GE 6000	67.3	75.7	77.0	77.9	78.5	78.6	78.8	79.1	79.1	79.3	79.5	79.5	79.7	79.8	79.9	80.4
GE 5000	69.5	77.2	78.4	79.4	80.0	80.1	80.3	80.6	80.7	80.8	81.0	81.1	81.2	81.3	81.5	81.9
GE 4500	69.5	78.5	79.8	80.8	81.4	81.5	81.8	82.0	82.1	82.2	82.4	82.5	82.6	82.8	82.9	83.3
GE 4000	71.0	80.2	81.6	82.6	83.2	83.3	83.6	83.8	83.9	84.0	84.2	84.3	84.4	84.6	84.7	85.1
GE 3500	72.7	82.3	83.8	84.9	85.6	85.6	85.9	86.1	86.2	86.3	86.6	86.6	86.8	86.9	87.1	87.5
GE 3000	74.0	84.6	86.3	87.5	88.3	88.4	88.7	89.0	89.1	89.2	89.5	89.5	89.8	90.0	90.1	90.6
GE 2500	74.8	86.0	87.8	89.1	89.9	90.1	90.4	90.7	90.8	90.9	91.2	91.2	91.6	91.7	91.8	92.3
GE 2000	75.5	87.2	89.3	90.8	91.8	91.9	92.3	92.6	92.7	92.8	93.1	93.1	93.5	93.6	93.7	94.2
GE 1800	75.6	87.4	89.5	91.0	92.0	92.1	92.5	92.8	92.9	93.1	93.3	93.4	93.7	93.8	94.0	94.4
GE 1500	75.9	88.2	90.3	91.9	93.1	93.2	93.6	93.9	94.0	94.1	94.4	94.4	94.8	94.9	95.1	95.5
GE 1200	76.1	88.8	91.0	92.6	93.8	93.9	94.3	94.6	94.7	94.9	95.1	95.2	95.5	95.6	95.8	96.2
GE 1000	76.1	89.0	91.1	92.7	94.0	94.2	94.6	94.9	95.1	95.2	95.5	95.5	95.9	96.0	96.1	96.6
GE 900	76.2	89.1	91.2	92.9	94.1	94.3	94.7	95.1	95.2	95.4	95.7	95.7	96.1	96.2	96.3	96.8
GE 800	76.2	89.2	91.4	93.0	94.3	94.5	94.9	95.3	95.4	95.6	95.9	95.9	96.3	96.4	96.5	97.0
GE 700	76.2	89.3	91.5	93.1	94.4	94.6	95.0	95.4	95.5	95.7	96.0	96.0	96.4	96.5	96.6	97.1
GE 600	76.2	89.3	91.5	93.2	94.5	94.6	95.1	95.4	95.6	95.9	96.1	96.1	96.5	96.6	96.8	97.2
GE 500	76.3	89.4	91.7	93.4	94.7	94.9	95.3	95.7	95.9	96.2	96.5	96.5	96.9	97.0	97.1	97.6
GE 400	76.3	89.4	91.7	93.5	94.8	95.0	95.5	95.9	96.1	96.4	96.7	96.8	97.1	97.3	97.4	97.9
GE 300	76.3	89.4	91.7	93.5	94.8	95.0	95.5	96.0	96.2	96.5	96.9	96.9	97.4	97.6	97.7	98.2
GE 200	76.3	89.4	91.7	93.5	94.8	95.0	95.6	96.0	96.3	96.6	97.0	97.0	97.7	97.9	98.3	99.3
GE 100	76.3	89.4	91.7	93.5	94.8	95.0	95.6	96.0	96.3	96.6	97.0	97.0	97.7	98.0	98.4	99.8
GE 0	76.3	89.4	91.7	93.5	94.8	95.0	95.6	96.0	96.3	96.6	97.0	97.0	97.7	98.0	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 3399

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-86
MONTH: ALL HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	47.1	54.0	55.0	55.3	55.6	55.7	55.7	55.8	55.8	55.9	55.9	55.9	56.0	56.0	56.0	56.2
GE 20000	50.9	58.4	59.5	59.9	60.3	60.4	60.4	60.5	60.5	60.5	60.6	60.6	60.7	60.7	60.7	60.9
GE 18000	51.3	58.9	60.0	60.4	60.8	60.9	60.9	61.0	61.0	61.1	61.1	61.1	61.2	61.2	61.3	61.4
GE 16000	51.4	59.0	60.1	60.5	60.9	61.0	61.0	61.1	61.1	61.2	61.2	61.2	61.3	61.3	61.3	61.5
GE 14000	51.9	59.7	60.8	61.2	61.6	61.6	61.7	61.8	61.8	61.8	61.9	61.9	61.9	62.0	62.0	62.2
GE 12000	52.7	60.6	61.7	62.2	62.5	62.6	62.7	62.7	62.8	62.8	62.9	62.9	62.9	63.0	63.0	63.2
GE 10000	54.1	62.2	63.4	63.9	64.3	64.3	64.4	64.5	64.5	64.6	64.6	64.6	64.7	64.7	64.8	64.9
GE 9000	54.3	62.5	63.6	64.1	64.5	64.5	64.6	64.7	64.7	64.8	64.8	64.8	64.9	64.9	65.0	65.2
GE 8000	55.3	63.7	64.9	65.3	65.7	65.8	65.9	66.0	66.0	66.0	66.1	66.1	66.2	66.2	66.3	66.4
GE 7000	55.8	64.2	65.4	65.9	66.3	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.7	66.8	66.8	67.0
GE 6000	56.4	64.9	66.1	66.6	67.0	67.1	67.2	67.3	67.3	67.3	67.4	67.4	67.5	67.5	67.6	67.7
GE 5000	57.3	66.0	67.3	67.8	68.2	68.3	68.4	68.4	68.5	68.5	68.6	68.6	68.7	68.7	68.7	68.9
GE 4500	57.9	66.8	68.0	68.5	69.0	69.0	69.1	69.2	69.2	69.3	69.3	69.4	69.4	69.5	69.5	69.7
GE 4000	58.9	68.1	69.5	70.0	70.4	70.5	70.6	70.7	70.7	70.8	70.8	70.8	70.9	70.9	71.0	71.2
GE 3500	60.3	69.9	71.3	71.8	72.3	72.4	72.5	72.6	72.6	72.7	72.7	72.7	72.8	72.8	72.9	73.1
GE 3000	61.8	72.1	73.6	74.2	74.7	74.8	74.9	75.0	75.0	75.1	75.1	75.1	75.3	75.3	75.3	75.5
GE 2500	62.8	73.6	75.1	75.8	76.3	76.4	76.6	76.6	76.7	76.7	76.8	76.8	76.9	76.9	77.0	77.1
GE 2000	63.8	75.0	76.6	77.3	77.9	78.0	78.2	78.3	78.3	78.4	78.4	78.4	78.5	78.6	78.6	78.8
GE 1800	64.0	75.3	77.0	77.7	78.3	78.4	78.5	78.6	78.7	78.7	78.8	78.8	78.9	78.9	79.0	79.2
GE 1500	64.8	76.7	78.5	79.2	79.8	79.9	80.1	80.2	80.3	80.3	80.4	80.4	80.5	80.5	80.6	80.8
GE 1200	65.8	78.6	80.6	81.4	82.1	82.2	82.4	82.5	82.6	82.7	82.7	82.7	82.8	82.9	82.9	83.1
GE 1000	66.7	80.4	82.5	83.4	84.2	84.3	84.5	84.6	84.7	84.8	84.8	84.8	85.0	85.0	85.1	85.2
GE 900	67.1	81.5	83.8	84.8	85.6	85.7	86.0	86.1	86.1	86.2	86.3	86.3	86.4	86.5	86.5	86.7
GE 800	67.6	82.7	85.2	86.3	87.2	87.3	87.5	87.7	87.7	87.9	87.9	87.9	88.1	88.1	88.1	88.3
GE 700	67.9	83.8	86.5	87.8	88.8	88.9	89.2	89.4	89.4	89.5	89.6	89.6	89.7	89.8	89.8	90.0
GE 600	68.2	84.7	87.7	89.2	90.5	90.6	91.0	91.2	91.3	91.4	91.5	91.5	91.6	91.7	91.7	91.9
GE 500	68.3	85.3	88.6	90.4	92.2	92.3	92.8	93.2	93.3	93.4	93.5	93.6	93.7	93.7	93.8	94.0
GE 400	68.4	85.6	89.1	91.1	93.2	93.4	94.2	94.6	94.9	95.2	95.3	95.4	95.5	95.6	95.7	95.9
GE 300	68.4	85.7	89.3	91.4	93.6	93.9	94.8	95.4	95.7	96.2	96.6	96.7	97.0	97.1	97.2	97.6
GE 200	68.4	85.7	89.3	91.4	93.6	93.9	94.9	95.5	95.9	96.5	97.0	97.1	97.8	98.1	98.3	99.1
GE 100	68.4	85.7	89.3	91.4	93.6	93.9	94.9	95.6	95.9	96.6	97.1	97.2	97.9	98.3	98.7	99.8
GE 0	68.4	85.7	89.3	91.4	93.6	93.9	94.9	95.6	95.9	96.6	97.1	97.2	97.9	98.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 46796

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover and total number of observations. It is presented by month and available 3-hour groups.

NOTES: 1. Some sources of punched data used for this summary report cloud amounts in eights. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in eights. The manner of conversion is given below:

EIGHTS	TENTHS
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

2. For Airways stations the symbols of clear, scattered, broken, overcast, and 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
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA PERIOD OF RECORD: 77-86
MONTH: JAN

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER 0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05													
06-08	18.7			29.9						27.9	23.5	5.8	669
09-11	10.4			31.1						36.0	22.6	6.4	792
12-14	8.4			33.0						38.4	20.3	6.5	795
15-17	9.9			31.9						38.3	19.9	6.4	737
18-20	16.5			32.7						27.1	23.7	5.8	553
21-23	26.3			30.0						20.0	23.7	5.1	520
TOTALS	15.0			31.4						31.3	22.3	6.0	4006

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA PERIOD OF RECORD: 77-86
MONTH: FEB

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER 0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05													
06-08	8.1			32.0						28.9	31.1	6.7	557
09-11	4.5			32.7						32.8	29.9	6.9	728
12-14	5.0			33.7						33.3	27.9	6.8	738
15-17	3.9			30.5						37.5	28.0	7.1	685
18-20	7.1			37.5						27.7	27.7	6.4	520
21-23	18.7			33.5						18.9	28.8	5.6	486
TOTALS	7.9			33.3						29.9	28.9	6.6	3714

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA PERIOD OF RECORD: 77-86
MONTH: MAR

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												TOTAL OBS
	0	1	2	3	4	5	6	7	8	9	10	MEAN	
00-02													
03-05													
06-08	7.3			31.4						26.5	34.8	6.8	641
09-11	7.3			32.3						34.6	25.8	6.7	810
12-14	6.4			34.8						34.3	24.5	6.6	813
15-17	4.3			35.6						32.2	27.9	6.8	761
18-20	8.4			33.8						28.4	29.4	6.5	609
21-23	21.3			27.8						21.5	29.4	5.7	572
TOTALS	9.2			32.6						29.6	28.6	6.5	4206

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA PERIOD OF RECORD: 77-86
MONTH: APR

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												TOTAL OBS
	0	1	2	3	4	5	6	7	8	9	10	MEAN	
00-02													
03-05													
06-08	8.5			32.2						27.0	32.4	6.6	612
09-11	10.7			34.1						32.9	22.3	6.2	788
12-14	7.9			45.2						27.4	19.5	5.8	789
15-17	8.2			41.6						32.3	18.0	6.0	734
18-20	9.8			36.7						29.9	21.5	6.0	571
21-23	26.4			30.7						21.1	21.8	5.0	527
TOTALS	11.9			37.1						28.4	22.6	5.9	4021

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA PERIOD OF RECORD: 77-86
MONTH: MAY

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05													
06-08	10.8			23.5						26.6	39.1	7.0	723
09-11	12.8			36.0						28.9	22.3	5.9	786
12-14	11.5			48.0						27.2	13.4	5.2	786
15-17	12.4			43.1						29.3	15.3	5.5	687
18-20	14.6			40.4						27.6	17.4	5.4	540
21-23	28.7			33.6						14.1	23.6	4.6	411
TOTALS	15.1			37.4						25.6	21.9	5.6	3933

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA PERIOD OF RECORD: 77-86
MONTH: JUN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05													
06-08	6.2			23.0						18.3	52.5	7.6	731
09-11	10.3			37.6						24.9	27.3	6.1	780
12-14	10.6			55.8						22.6	11.0	4.8	780
15-17	9.8			50.1						26.1	14.0	5.3	686
18-20	10.6			41.7						26.8	20.9	5.8	537
21-23	19.5			32.3						13.1	35.2	5.7	406
TOTALS	11.2			40.1						22.0	26.8	5.9	3920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA PERIOD OF RECORD: 76-85
MONTH: JUL

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												TOTAL OBS
	0	1	2	3	4	5	6	7	8	9	10	MEAN	
00-02													
03-05													
06-08	6.7			15.8						14.2	63.2	8.1	745
09-11	8.7			35.4						25.2	30.7	6.4	802
12-14	11.7			49.9						32.0	6.5	5.0	804
15-17	12.0			38.5						37.0	12.5	5.7	689
18-20	10.3			27.2						27.8	34.7	6.8	536
21-23	15.7			19.7						10.8	53.8	6.9	351
TOTALS	10.9			31.1						24.5	33.6	6.5	3927

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA PERIOD OF RECORD: 76-85
MONTH: AUG

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												TOTAL OBS
	0	1	2	3	4	5	6	7	8	9	10	MEAN	
00-02													
03-05													
06-08	5.9			17.8						15.4	60.9	8.0	774
09-11	9.7			34.9						29.4	26.0	6.3	839
12-14	8.3			52.9						28.7	10.2	5.2	836
15-17	8.7			42.4						34.4	14.4	5.8	721
18-20	9.7			33.5						25.3	31.4	6.4	576
21-23	18.1			29.5						9.6	42.8	6.0	376
TOTALS	10.1			35.2						23.8	31.0	6.3	4122

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA PERIOD OF RECORD: 76-85
MONTH: SEP

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												TOTAL OBS
	0	1	2	3	4	5	6	7	8	9	10	MEAN	
00-02													
03-05													
06-08	13.6			21.4						18.7	46.3	7.0	706
09-11	16.4			34.5						28.5	20.6	5.7	775
12-14	14.6			50.0						27.3	8.1	4.8	776
15-17	16.0			44.5						26.5	12.9	5.0	667
18-20	20.1			32.8						23.0	24.1	5.5	518
21-23	32.0			22.8						12.0	33.2	5.1	334
TOTALS	18.8			34.3						22.7	24.2	5.5	3776

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA PERIOD OF RECORD: 76-85
MONTH: OCT

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												TOTAL OBS
	0	1	2	3	4	5	6	7	8	9	10	MEAN	
00-02													
03-05													
06-08	14.8			29.6						18.3	37.3	6.3	723
09-11	21.0			35.5						23.4	20.0	5.2	794
12-14	17.4			46.3						23.6	12.7	4.8	805
15-17	11.4			42.5						29.7	16.4	5.6	690
18-20	20.2			34.4						19.4	26.0	5.4	526
21-23	26.2			25.4						14.9	33.4	5.4	362
TOTALS	18.5			35.6						21.6	24.3	5.5	3900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA PERIOD OF RECORD: 76-85
MONTH: NOV

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05													
06-08	12.1			33.0						31.9	23.0	6.2	527
09-11	11.7			34.3						31.2	22.8	6.1	737
12-14	10.4			37.6						33.1	18.9	6.0	740
15-17	8.2			38.8						34.5	18.5	6.1	686
18-20	21.4			35.3						23.9	19.4	5.1	527
21-23	30.5			30.7						17.7	21.2	4.6	453
TOTALS	15.7			35.0						28.7	20.6	5.7	3670

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA PERIOD OF RECORD: 76-85
MONTH: DEC

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05													
06-08	20.9			31.0						25.1	23.0	5.5	513
09-11	14.6			34.0						30.1	21.3	5.9	751
12-14	13.4			36.8						33.8	16.0	5.7	749
15-17	14.8			35.7						33.1	16.3	5.7	649
18-20	31.9			29.3						22.3	16.5	4.5	376
21-23	42.2			22.5						16.1	19.1	4.0	329
TOTALS	23.0			31.6						26.8	18.7	5.2	3367

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA

PERIOD OF RECORD: 76-86
MONTH: ALL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

	HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
JAN	ALL	15.0			31.4						31.3	22.3	6.0	4006
FEB		7.9			33.3						29.9	28.9	6.6	3714
MAR		9.2			32.6						29.6	28.6	6.5	4206
APR		11.9			37.1						28.4	22.6	5.9	4021
MAY		15.1			37.4						25.6	21.9	5.6	3933
JUN		11.2			40.1						22.0	26.8	5.9	3920
JUL		10.9			31.1						24.5	33.6	6.5	3927
AUG		10.1			35.2						23.8	31.0	6.3	4122
SEP		18.8			34.3						22.7	24.2	5.5	3776
OCT		18.5			35.6						21.6	24.3	5.5	3900
NOV		15.7			35.0						28.7	20.6	5.7	3670
DEC		23.0			31.6						26.8	18.7	5.2	3367
	TOTALS	13.9			34.6						26.2	25.3	5.9	46562

PERATING LOCATION "A"
SAFETAC, ASHEVILLE NC

PSYCHROMETRIC SUMMARIES

ART 4

n this section are presented various summaries of dry and wet-bulb temperatures, dewpoints, and relative humidity. The order and manner of repsentations follows:

. Cumulative percentage frequency of occurrence--Derived from available hourly observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage requency to tenths, of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard eviations, and total number of observations in three separate tables as follows:

a. Daily HIGH temperatures (for available observations)
b. Daily LOW temperatures (for available observations)
c. Daily mean temperatures (high + low temperatures divided by two)

. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

This summary has been temporarily discontinued for the LISOCS pending the advent of RUSSWO-2 in mid 1986.

4

3. Means and standard deviations--These tabulations are derived from available hourly observations and present the mean, standard deviation, and total number of observations for the 3-hour groups, by month and annual and again at the bottom for all hours combine. Summaries for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, AND DEWPOINT TEMPERATURE.

4. 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 percent classes, plus the mean relative humidity and total number of observations presented by month and available 3-hour groups.

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
[illegible] FT ORD/FRITZSCHE AAF CA 60-70, 73-86
STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥ [illegible]										.5			.2
≥ [illegible]							.2			.9			.1
≥ [illegible]				.3	.2	.7		.2	2.0	2.4	.2		.5
≥ [illegible]				.7	.5	1.2	.7	.3	5.0	5.2	1.1		1.2
≥ [illegible]	[illegible]	.2	.3	2.2	1.7	1.7	1.0	.7	9.9	9.5	2.5	.4	2.5
≥ [illegible]	2.7	1.7	2.2	3.5	2.8	3.5	2.9	2.8	15.4	18.5	7.1	1.6	5.4
≥ [illegible]	6.9	6.5	6.7	9.2	6.6	10.5	10.6	15.4	34.9	36.3	17.5	7.4	14.2
≥ [illegible]	20.0	21.6	16.7	21.3	20.3	35.6	41.5	55.3	69.9	64.7	40.5	18.9	35.7
≥ [illegible]	43.5	49.6	45.6	51.9	62.2	86.0	93.0	95.8	95.9	93.9	77.1	47.3	70.7
≥ [illegible]	77.2	88.1	86.7	92.5	93.7	100.0	100.0	100.0	100.0	100.0	98.4	82.3	93.9
≥ [illegible]	97.5	99.2	99.5	100.0	100.0						100.0	97.2	99.5
≥ [illegible]	99.5	100.0	100.0									100.0	100.0
≥ [illegible]	99.8												100.0
≥ [illegible]	100.0												100.0
MEAN	59.6	[illegible]	59.9	61.1	61.6	63.9	64.5	65.5	68.7	68.6	64.[illegible]	59.7	63.1
S D	6.557	5.503	5.555	6.087	5.139	5.207	4.399	4.357	7.138	7.925	6.305	5.910	6.688
TOTAL OBS	561	522	594	597	606	593	585	599	564	578	560	503	6862

USAFETAC FORM JUL 64 0-21-5 (OL A) REVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

7249.6 (STATION) FT ORD/FRITZSCHE AAF CA (STATION NAME) 56-70, 73-86 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥ 65	.	.	.	.	.	.	.	.	.2	.	.	.	.1
60	.	.1	.	.	.	1.0	3.6	5.8	5.3	2.6	.2	.	1.6
55	.2	.7	1.0	2.7	3.5	26.1	33.0	44.9	37.9	16.3	4.1	2.2	15.0
50	1.0	10.1	15.0	23.3	51.8	86.2	93.0	91.8	79.4	51.0	23.0	9.1	46.8
45	25.5	37.9	45.6	62.6	86.8	98.1	99.8	99.8	96.1	81.3	53.0	24.7	68.8
40	53.7	66.2	77.4	88.9	98.3	100.0	100.0	100.0	99.6	96.0	78.0	55.9	85.3
35	79.1	90.4	95.6	99.5	100.0	.	.	.	100.0	99.7	95.9	90.9	95.4
30	94.7	95.6	99.2	100.0	.	.	.	.	.	100.0	98.2	88.3	97.3
25	93.0	98.9	99.7	.	.	.	.	.	.	.	99.6	95.6	99.0
20	99.6	99.2	100.0	.	.	.	.	.	.	.	100.0	100.0	100.0
≤ 15	100.0	100.0	.	.	.	.	.	.	.	.	.	.	100.0
MEAN	40.1	42.7	43.7	45.9	49.1	52.4	53.5	54.1	53.0	49.3	44.7	40.5	47.4
S D	6.964	6.173	5.406	4.728	3.621	3.209	3.024	3.313	4.480	5.390	5.949	6.521	7.10
TOTAL OBS	561	522	594	597	6.6	593	585	599	569	576	563	583	6862

USAFETAC FORM 0-21-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

724916 (STATION) FT ORD/FRITZSCHE AAF CA (STATION NAME) 60-70, 73-86 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
2										.5			.0
75						.3	.2		.5	.9			.2
7				.3	.3	1.2	.7	.3	4.3	3.6	.4		.9
65		.4	.3	1.3	1.3	3.5	6.0	9.0	19.1	10.7	1.8		4.5
60	3.0	4.6	4.5	9.0	8.7	31.5	39.0	53.1	61.2	46.7	14.3	2.2	23.0
55	22.5	26.6	26.6	39.0	63.7	92.9	98.6	97.3	98.0	87.2	49.1	22.9	61.2
5	53.5	69.6	69.7	85.6	97.7	100.0	100.0	100.0	100.0	99.6	85.5	55.9	85.3
45	84.5	94.6	98.1	100.0	100.0					100.0	96.7	85.7	97.0
40	98.6	99.6	100.0								100.0	98.8	99.8
35	100.0	100.0										100.0	100.0
MEAN	50.1	51.8	52.0	53.8	55.6	58.4	59.2	60.1	61.1	59.2	54.6	50.3	55.5
S D	5.362	4.491	4.178	4.144	3.244	3.272	3.030	3.101	4.105	4.798	4.784	5.028	5.625
TOTAL OBS	561	522	594	597	606	593	585	599	564	578	560	503	6862

USAFETAC FORM JUL 64 0-21-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA PERIOD OF RECORD: 63-70, 73-86

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

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
60				*86	70	78	75	69	91	82	69	73	
61	74	72	69	75	86	85	76	74	90	103	85	75	103
62	79	71	62	91	73	79	84	86	75	81	87	76	91
63	74	76	74	67	71	66	82	73	82	78	76	77	82
64	64	76	75	82	68	75	75	71	88	91	68	66	91
65	74	71	75	81	68	66	70	79	83	95	70	70	95
66	65	66	76	82	71	75	73	74	92	89	90	72	92
67	76	70	69	61	85	66	73	69	86	92	89	74	92
68	78	76	79	80	72	74	71	92	85	89	74	65	92
69	68	61	81	66	70	69	77	70	76	80	64	74	84
70	66	72	77	72	89	70	8	70	93	80	77	*65	93
73	*62	*72	*63	*74	*69	*92	*74	*73	*94	*82	*65	*70	*94
74	*65	*66	*73	*73	*62	*71	*73	*69	*86	*89	*78	*62	*89
75	*73	*69	*71	*63	*79	*66	*70	*76	*94	*77	*77	*80	*94
76	*81	*72	*78	*71	*92	*94	*71	*77	*87	*88	*88	*73	*94
77	*71	*76	*70	*74	*70	*69	*72	*77	*76	*80	*78	*65	*80
78	*67	*70	*64	*66	*84	*72	*74	*74	*89	*86	*81	*64	*86
79	*62	*60	*71	*72	*69	*67	*72	*74	*92	*77	*76	*72	*92
80	*68	*71	*66	*74	*65	*69	*78	*74	*90	*101	*81	*82	*101
81	*73	*77	*67	*91	*71	*67	*65	*72	*81	*84	*77	*67	*91
82	*62	*66	*66	*79	*70	*70	*65	*71	*79	*76	*74	*64	*79
83	*75	*65	*66	*71	*76	*78	*85	*75	*90	*91	*74	*64	*91
84	*67	*68	*73	*71	*72	*69	*75	*80	*85	*74	*68	*65	*85
85	*69	*78	*80	*65	*70	*74	*97	*72	*84	*95	*73	*75	*97
86	*75	*82	*79	*64	*67	*79							
MEAN	71.8	71.1	73.6	75.7	73.1	73.0	73.8	75.2	85.5	87.3	79.0	72.2	91.3
S.D.	5.554	4.748	5.700	9.190	7.422	6.213	4.834	7.547	6.121	7.799	8.283	4.150	6.042
TOTAL OBS	561	522	594	597	636	593	585	599	564	578	560	503	6662

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724916 STATION NAME: FT ORD/FRITZSCHE AAF CA PERIOD OF RECORD: 60-70, 73-86

WHOLE DEGREES FAHRENHEIT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
						-M-O-N-T-H-S-							
60				*40	40	47	46	46	46	38	35	29	
61	27	32	35	39	41	46	46	51	45	34	31	29	27
62	27	24	33	39	40	45	50	46	47	42	31	28	24
63	23	37	33	37	38	40	47	46	48	39	35	32	23
64	27	28	29	34	40	45	47	45	44	41	26	31	27
65	29	29	35	37	38	44	43	49	40	39	36	28	26
66	26	30	27	38	42	42	46	45	43	35	34	26	26
67	30	33	32	35	38	46	41	48	48	41	34	26	26
68	26	38	34	33	39	42	48	47	39	33	34	26	26
69	30	33	34	35	38	43	49	45	45	39	34	30	30
70	28	33	34	35	40	45	50	45	36	39	36	*34	26
73	*36	*36	*37	*36	*45	*47	*47	*50	*45	*40	*35	*36	*35
74	*35	*30	*34	*40	*44	*48	*50	*44	*49	*45	*39	*33	*30
75	*26	*33	*33	*37	*43	*43	*46	*46	*47	*36	*36	*32	*26
76	*30	*35	*34	*38	*49	*49	*51	*53	*51	*44	*38	*42	*30
77	*29	*34	*31	*42	*47	*49	*53	*51	*51	*46	*44	*39	*29
78	*36	*43	*47	*45	*48	*53	*55	*47	*44	*42	*31	*29	*28
79	*26	*35	*44	*42	*45	*50	*52	*52	*50	*40	*32	*30	*26
80	*35	*36	*39	*39	*48	*49	*52	*52	*45	*41	*35	*31	*31
81	*37	*40	*41	*40	*41	*49	*47	*53	*46	*40	*40	*41	*37
82	*32	*33	*39	*37	*45	*49	*51	*50	*44	*43	*36	*37	*32
83	*33	*39	*43	*41	*45	*50	*51	*55	*55	*49	*39	*35	*33
84	*35	*35	*41	*39	*42	*47	*54	*56	*47	*44	*37	*32	*32
85	*32	*30	*36	*43	*46	*49	*53	*51	*47	*42	*32	*31	*30
86	*38	*33	*42	*36	*37	*43							
MEAN	27.3	31.7	32.6	36.1	39.5	44.1	47.5	46.6	43.7	38.2	33.5	28.5	26.3
S.D.	2.111	4.165	2.633	1.969	1.368	2.119	2.464	1.963	3.941	2.960	2.464	2.121	2.062
TOTAL OBS	561	522	594	597	606	593	585	599	564	578	562	583	6862

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

7249 6 FT ORD/FRITZSCHE AAF CA 76-86

STATION STATION NAME YEARS

HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
6-9	MEAN	44.3	46.0	46.6	50.9	53.8	57.0	58.0	58.7	58.0	53.6	47.7	44.5	52.3
	S.D.	6.81[illegible]	6.349	5.262	4.650	3.730	3.391	3.561	3.161	4.340	5.277	6.375	6.470	7.211
	TOTAL OBS	6[illegible]	568	647	621	734	733	748	780	722	742	536	530	7981
9-11	MEAN	50.4	53.1	55.9	58.4	59.8	61.8	62.9	64.0	66.0	62.5	55.9	50.9	58.6
	S.D.	6.325	5.802	4.894	5.328	4.735	4.430	5.153	4.617	6.320	6.489	6.390	6.074	7.494
	TOTAL OBS	7[illegible]4	737	813	789	786	780	805	840	777	815	745	758	9439
12-14	MEAN	57.8	59.3	59.4	60.5	61.2	63.5	64.8	65.9	68.1	66.2	62.5	58.9	62.4
	S.D.	5.457	5.189	5.019	5.034	3.927	3.446	3.724	3.666	5.536	6.516	6.219	5.554	5.969
	TOTAL OBS	7[illegible]5	738	813	789	786	780	807	840	777	813	744	749	9431
15-17	MEAN	57.5	58.3	58.0	58.8	59.8	62.6	63.9	64.7	66.2	63.7	60.1	58.0	60.9
	S.D.	5.2[illegible]7	4.522	4.442	4.154	3.836	3.426	3.663	3.649	4.440	5.412	5.215	5.369	5.357
	TOTAL OBS	7[illegible]8	685	762	734	688	686	689	722	667	690	688	650	8399
18-20	MEAN	51.6	53.8	54.5	55.2	56.6	59.3	61.1	61.9	62.7	59.5	54.8	52.3	57.0
	S.D.	4.456	4.022	3.977	3.809	3.480	3.084	3.712	3.353	3.522	4.280	5.057	5.250	5.406
	TOTAL OBS	5[illegible]4	52[illegible]	609	573	54[illegible]	537	536	576	518	527	531	379	6470
21-23	MEAN	46.4	50.6	51.9	52.5	54.3	57.2	59.6	60.2	60.6	56.5	51.3	46.8	53.9
	S.D.	4.991	4.620	4.286	3.413	2.925	2.586	3.447	3.062	3.140	4.218	5.333	5.895	5.803
	TOTAL OBS	5[illegible]2	489	572	527	411	400	352	376	337	362	458	333	5145
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
ALL HOURS	MEAN	52.1	54.0	55.1	56.5	57.9	60.6	62.0	62.9	64.0	60.9	56.1	53.0	58.0
	S.D.	7.485	6.876	5.938	5.697	4.841	4.360	4.700	4.524	6.099	7.182	7.660	7.749	7.294
	TOTAL OBS	4023	3737	4216	4033	3945	3922	3937	4134	3798	3949	3702	3399	46795

USAF ETAC FORM OCT 75 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

724916 FT ORD/FRITZSCHE AAF CA 76-86

STATION STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV.	DEC	ANNUAL
0-3	MEAN	41.3	43.5	45.7	47.6	51.1	53.4	54.8	55.6	54.9	50.6	44.6	41.4	49.2
	S D	6.457	6.274	5.046	4.208	3.252	2.582	2.462	2.608	3.943	5.110	6.242	6.410	6.865
	TOTAL OBS	620	568	647	621	734	733	748	780	722	742	536	530	7981
4-11	MEAN	46.4	49.0	50.9	52.3	53.7	56.2	57.8	58.8	59.8	56.7	50.7	46.5	53.3
	S D	5.645	5.177	4.150	3.932	3.223	2.891	2.925	3.044	3.522	4.455	5.302	5.791	6.173
	TOTAL OBS	714	737	813	789	786	780	805	840	777	815	745	758	9439
12-14	MEAN	51.1	52.7	52.9	53.5	54.5	57.1	58.7	59.6	60.7	58.6	54.4	51.5	55.5
	S D	4.412	4.513	3.942	3.567	2.792	2.351	2.279	2.416	2.921	3.785	4.286	4.455	4.792
	TOTAL OBS	795	738	813	789	786	780	807	840	777	813	744	749	9431
15-17	MEAN	50.9	52.4	52.2	52.6	53.7	56.5	58.1	59.0	59.8	57.2	53.6	51.2	54.7
	S D	4.092	4.121	3.561	3.144	2.769	2.284	2.145	2.377	2.660	3.324	4.079	4.273	4.493
	TOTAL OBS	708	685	762	734	688	686	689	722	667	690	688	650	8399
18-20	MEAN	47.3	49.7	50.2	50.4	51.0	54.6	56.4	57.4	57.9	54.8	50.5	47.2	52.4
	S D	4.331	4.180	3.790	3.138	2.740	2.136	2.107	2.325	2.543	3.596	4.819	5.101	4.961
	TOTAL OBS	554	520	609	573	540	537	536	576	518	527	531	379	6400
21-23	MEAN	45.0	47.4	48.5	48.6	50.2	53.4	55.6	56.5	56.6	52.4	47.8	44.8	50.1
	S D	5.035	4.848	4.243	3.197	2.798	2.123	2.057	2.354	3.167	4.127	5.323	5.905	5.602
	TOTAL OBS	522	489	572	527	411	406	352	376	337	362	458	333	5145
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
ALL HOURS	MEAN	47.3	49.4	50.3	51.1	52.5	55.4	57.1	58.0	58.5	55.4	50.7	47.6	52.8
	S D	6.098	5.800	4.763	4.161	3.423	2.863	2.790	2.969	3.835	5.031	5.969	6.406	5.998
	TOTAL OBS	4023	3737	4216	4033	3945	3922	3937	4134	3798	3949	3702	3399	46795

USAF ETAC FORM OCT 75 0-89-3 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

7249.6 FT ORD/FRITZSCHE AAF CA 76-86

STATION STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
6-8	MEAN	37.9	40.5	42.6	44.3	46.7	50.4	52.4	53.1	52.4	47.8	41.1	37.4	46.2
	S D	7.192	7.411	6.128	5.074	4.275	2.988	2.562	3.106	4.701	6.145	7.495	7.949	7.743
	TOTAL OBS	62[illegible]	568	647	621	734	733	748	780	722	742	536	530	7981
9-11	MEAN	42.1	45.0	46.2	46.7	48.3	51.7	53.9	54.9	55.3	52.0	45.6	41.5	48.7
	S D	6.524	6.226	5.654	5.297	4.370	3.084	2.868	3.458	4.356	5.461	6.928	7.696	7.070
	TOTAL OBS	7[illegible]4	737	813	789	786	780	805	840	777	815	745	756	9439
12-14	MEAN	44.5	46.6	46.9	47.2	48.6	52.0	54.2	55.0	55.4	52.7	47.1	44.1	49.6
	S D	6.449	6.600	5.608	4.942	3.937	2.914	2.713	3.108	4.509	5.216	6.833	7.834	6.566
	TOTAL OBS	7[illegible]5	738	813	789	786	780	807	840	777	813	744	749	9431
15-17	MEAN	44.5	46.8	46.7	46.9	48.2	51.5	53.7	54.8	55.1	52.0	47.6	44.5	49.3
	S D	6.420	6.104	5.131	4.320	3.9[illegible]7	2.806	2.553	2.861	3.996	4.835	6.240	7.382	6.167
	TOTAL OBS	738	685	762	734	638	686	689	722	667	690	688	65[illegible]	8399
18-20	MEAN	42.[illegible]	45.6	46.1	45.8	47.1	50.5	52.6	53.8	54.0	50.8	46.3	41.5	48.2
	S D	6.139	5.895	5.113	4.255	4.172	2.830	2.732	2.836	4.111	4.952	6.247	8.026	6.275
	TOTAL OBS	5[illegible]	520	609	573	540	537	536	576	516	527	531	379	64[illegible]0
21-23	MEAN	41.1	43.9	45.0	44.7	46.3	50.1	52.4	53.5	53.2	48.7	44.1	40.1	46.5
	S D	6.6[illegible]3	6.409	5.511	4.333	4.532	2.962	2.769	2.795	4.997	5.714	6.696	8.294	6.848
	TOTAL OBS	522	489	572	527	411	406	352	376	337	362	458	333	5145
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
ALL HOURS	MEAN	42.3	44.9	45.7	46.1	47.7	51.1	53.3	54.3	54.4	50.9	45.5	41.9	48.2
	S D	6.933	6.778	5.714	4.653	4.241	3.017	2.800	3.171	4.573	5.704	7.074	6.170	6.932
	TOTAL OBS	4023	3737	4216	4033	3945	3922	3937	4134	3798	3949	3702	3399	46795

USAF ETAC FORM OCT 75 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7249 6 — STATION
FT ORD/FRITZSCHE AAF CA — STATION NAME
77-86 — PERIOD
JAN — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	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											
	03-05											
	06-08	100.0	100.0	100.0	100.0	99.8	97.6	76.1	43.1	18.2	79.5	623
	09-11	100.0	100.0	100.0	99.1	96.0	87.4	64.1	28.8	8.2	74.2	794
	12-14	100.0	99.9	97.7	92.7	81.6	58.0	31.9	9.2	2.6	63.1	795
	15-17	100.0	99.3	97.4	92.5	82.1	60.4	35.6	11.1	3.8	63.9	738
	18-20	100.0	100.0	99.6	98.4	94.0	83.4	60.5	29.4	10.5	73.1	554
	21-23	100.0	100.0	99.8	99.2	98.3	90.8	65.5	36.6	17.8	76.6	522
TOTALS		100.0	99.9	99.1	97.0	92.0	79.6	55.6	26.4	10.2	71.7	4023

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724916 (STATION) FT ORD/FRITZSCHE AAF CA (STATION NAME) 77-86 (PERIOD) FEB (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											
	03-05											
	06-08	100.0	100.0	100.0	100.0	99.5	97.7	81.0	50.5	25.7	61.6	568
	09-11	100.0	100.0	100.0	99.2	96.5	86.7	66.6	29.9	11.5	74.8	737
	12-14	100.0	100.0	98.8	93.6	82.4	62.3	35.0	11.2	2.0	64.2	738
	15-17	100.0	100.0	99.6	96.5	88.0	69.1	40.3	13.3	3.5	66.6	685
	18-20	100.0	100.0	100.0	99.2	96.7	87.3	62.3	31.3	9.8	74.5	520
	21-23	100.0	100.0	100.0	100.0	99.2	93.3	72.6	42.9	15.7	78.3	489
TOTALS		100.0	100.0	99.7	98.1	93.7	82.7	59.6	29.9	11.4	73.4	3737

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7249.6 — STATION
FT ORD/FRITZSCHE AAF CA — STATION NAME
77-86 — PERIOD
MAR — 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%		
MAR	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	98.8	94.1	81.9	51.6	21.6	80.5	647
	09-11	100.0	100.0	99.9	98.2	90.7	78.5	54.1	25.7	6.2	71.2	813
	12-14	100.0	100.0	98.5	95.0	86.5	65.9	32.6	9.8	1.7	64.7	813
	15-17	100.0	99.9	98.8	97.0	91.6	74.1	38.1	11.9	2.2	67.1	762
	18-20	100.0	100.0	100.0	99.3	97.4	89.7	63.1	25.0	5.1	73.9	609
	21-23	100.0	100.0	100.0	99.7	98.6	94.9	75.0	40.6	11.5	77.9	572
TOTALS		100.0	100.0	99.5	98.2	93.9	82.9	57.5	27.4	8.1	72.6	4216

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7349.6 — STATION
FT ORD/FRITZSCHE AAF CA — STATION NAME
77-86 — PERIOD
APR — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	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											
	03-05											
	06-08	100.0	100.0	100.0	99.8	98.7	95.2	79.1	43.3	11.6	78.5	621
	09-11	100.0	99.6	98.9	96.5	89.6	69.2	38.9	11.9	2.7	66.5	789
	12-14	100.0	100.0	98.9	95.4	63.4	58.0	27.0	6.0	.6	62.9	789
	15-17	100.0	100.0	99.9	97.8	90.5	67.6	34.2	8.3	1.1	65.6	734
	18-20	100.0	100.0	100.0	99.0	96.2	83.6	56.7	17.6	3.1	71.4	573
	21-23	100.0	100.0	100.0	100.0	98.9	93.4	67.7	29.0	7.0	75.3	527
TOTALS		100.0	99.9	99.6	98.1	92.9	77.9	50.6	19.4	4.4	70.2	4633

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
7249.6	FT ORD/FRITZSCHE AAF CA	77-86	MAY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	0-02											
	03-05											
	06-08	100.0	100.0	100.0	99.7	98.9	92.9	74.9	41.4	14.0	77.8	734
	09-11	100.0	100.0	99.0	96.4	90.6	73.2	40.3	11.3	1.5	67.0	786
	12-14	100.0	100.0	99.2	97.7	90.2	62.7	30.0	2.8		64.2	786
	15-17	100.0	100.0	100.0	98.3	91.1	67.7	39.5	6.8	.7	66.4	688
	18-20	100.0	100.0	100.0	99.1	94.8	79.8	53.1	22.6	5.7	71.4	540
	21-23	100.0	100.0	100.0	99.8	98.3	88.3	63.5	32.4	8.5	74.9	411
TOTALS		100.0	100.0	99.7	98.5	94.0	77.4	50.2	19.6	5.1	70.3	3945

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
7749[illegible]	FT ORD/FRITZSCHE AAF CA	77-86	JUN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02											
	03-05											
	06-08	100.0	100.0	100.0	100.0	99.5	97.8	79.0	41.7	10.6	78.9	733
	09-11	100.0	100.0	99.9	99.2	97.9	85.1	45.3	11.7	1.4	70.0	780
	12-14	100.0	100.0	99.6	99.4	98.1	76.7	27.3	3.2	.4	66.4	780
	15-17	100.0	100.0	100.0	99.6	97.2	76.8	36.4	5.7	.3	67.7	686
	18-20	100.0	100.0	99.8	99.4	98.7	90.9	59.8	19.6	1.3	73.1	537
	21-23	100.0	100.0	100.0	99.5	99.5	98.0	71.4	40.4	4.9	77.4	406
TOTALS		100.0	100.0	99.9	99.5	98.5	87.6	53.2	20.4	3.2	72.3	3922

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724916	FT ORD/FRITZSCHE AAF CA	76-85	JUL
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%		
JUL	00-02											
	03-05											
	06-08	100.0	100.0	100.0	99.9	99.6	97.9	88.5	51.5	20.2	82.0	748
	09-11	100.0	100.0	99.8	99.1	96.9	88.4	57.0	24.1	7.5	73.4	805
	12-14	100.0	100.0	99.9	99.6	97.6	82.5	38.5	12.0	.9	68.9	807
	15-17	100.0	100.0	100.0	99.6	97.2	83.5	47.3	12.3	.9	70.1	689
	18-20	100.0	100.0	99.4	98.9	97.4	91.0	67.4	23.9	2.4	74.2	536
	21-23	100.0	100.0	99.4	99.1	98.0	95.5	77.8	35.5	6.8	77.7	352
TOTALS		100.0	100.0	99.8	99.4	97.8	89.8	62.8	26.6	6.5	74.4	3937

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724916 STATION | FT ORD/FRITZSCHE AAF CA STATION NAME | 76-85 PERIOD | AUG 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%		
AUG	00-02											
	03-05											
	6-08	100.0	100.0	100.0	100.0	100.0	99.2	87.8	51.0	18.2	81.9	780
	9-11	100.0	100.0	100.0	99.6	97.7	85.1	55.4	22.9	7.3	72.9	840
	12-14	100.0	100.0	100.0	99.8	96.2	80.2	35.7	12.6	1.4	68.5	840
	15-17	100.0	100.0	100.0	100.0	98.8	85.0	46.4	16.5	1.1	70.8	722
	18-20	100.0	100.0	100.0	100.0	99.8	92.9	62.3	30.6	4.9	75.1	576
	21-23	100.0	100.0	100.0	100.0	100.0	98.7	76.6	39.6	9.6	78.7	376
TOTALS		100.0	100.0	100.0	99.9	98.8	90.2	60.7	28.9	7.1	74.7	4134

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724916 — STATION
FT ORD/FRITZSCHE AAF CA — 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											
	03-05											
	06-08	100.0	100.0	100.0	99.9	98.8	96.1	85.9	57.5	21.6	82.2	722
	09-11	100.0	100.0	98.1	94.9	90.5	76.8	52.4	24.1	5.0	70.3	777
	12-14	100.0	99.1	96.9	94.2	87.3	70.8	38.1	12.4	.8	65.7	777
	15-17	100.0	100.0	98.7	96.9	92.1	76.6	45.7	16.8	1.2	68.8	667
	18-20	100.0	100.0	99.6	97.5	95.8	86.1	62.9	30.9	7.9	74.3	518
	21-23	100.0	100.0	100.0	98.5	95.5	91.7	73.6	40.9	13.1	77.4	337
TOTALS		100.0	99.9	98.9	97.0	93.3	83.0	59.8	30.4	8.3	73.1	3798

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724916 (STATION) FT ORD/FRITZSCHE AAF CA (STATION NAME) 76-85 (PERIOD) OCT (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%		
OCT	00-02											
	03-05											
	06-08	100.0	100.0	100.0	99.9	98.7	93.9	84.4	55.7	17.1	81.1	742
	09-11	100.0	100.0	99.3	95.1	88.2	74.5	52.4	24.7	5.4	70.1	815
	12-14	100.0	99.6	95.9	90.8	83.8	63.1	31.1	9.2	1.5	63.7	813
	15-17	100.0	100.0	98.4	93.2	86.7	74.6	45.7	13.8	2.3	67.5	690
	18-20	100.0	100.0	100.0	98.5	94.5	85.0	65.7	28.8	5.9	74.0	527
	21-23	100.0	100.0	100.0	99.4	96.1	86.5	70.7	36.5	8.8	75.8	362
TOTALS		100.0	99.9	98.9	96.2	91.3	79.6	58.3	28.1	6.8	72.0	3949

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724916 (STATION) FT ORD/FRITZSCHE AAF CA (STATION NAME) 76-85 (PERIOD) NOV (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%		
NOV	00-02											
	03-05											
	06-08	100.0	100.0	100.0	99.6	98.3	93.1	74.6	42.5	17.2	78.5	536
	09-11	100.0	100.0	99.3	95.6	87.8	73.4	51.8	26.0	9.1	70.2	745
	12-14	100.0	99.2	93.4	86.2	71.1	50.9	28.4	8.5	1.2	59.7	744
	15-17	100.0	99.6	97.4	93.2	83.9	66.7	39.4	11.5	3.2	65.3	688
	18-20	100.0	100.0	100.0	99.4	95.1	84.6	65.2	26.7	8.3	73.8	531
	21-23	100.0	100.0	100.0	100.0	98.3	93.6	73.1	37.3	12.9	77.1	458
TOTALS		100.0	99.8	98.4	95.7	89.1	76.6	55.4	25.4	8.7	70.6	3702

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GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724926 — STATION
FT ORD/FRITZSCHE AAF CA — STATION NAME
76-85 — PERIOD
DEC — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02											
	03-05											
	06-08	100.0	100.0	100.0	99.8	97.2	88.1	72.1	41.7	11.9	76.9	530
	09-11	100.0	100.0	99.7	96.8	88.9	76.9	61.1	27.3	6.7	71.6	758
	12-14	100.0	99.6	93.1	82.2	71.8	57.8	35.4	9.3	.8	60.8	749
	15-17	100.0	99.8	94.6	86.2	76.5	63.2	41.7	12.2	1.5	63.3	650
	18-20	100.0	100.0	98.7	92.1	79.4	69.7	57.3	27.2	4.5	68.6	379
	21-23	100.0	100.0	99.1	97.3	91.0	79.3	62.2	34.8	10.2	73.3	333
TOTALS		100.0	99.9	97.5	92.4	84.1	72.5	55.0	25.4	5.9	69.1	3399

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724916 — STATION
FT ORD/FRITZSCHE AAF CA — 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	99.9	99.1	97.0	92.0	79.6	55.6	26.4	10.2	71.7	4023
FEB		100.0	100.0	99.7	98.1	93.7	82.7	59.6	29.9	11.4	73.4	3737
MAR		100.0	100.0	99.5	98.2	93.9	82.9	57.5	27.4	8.1	72.6	4216
APR		100.0	99.9	99.6	98.1	92.9	77.9	50.6	19.4	4.4	70.0	4033
MAY		100.0	100.0	99.7	98.5	94.0	77.4	50.2	19.6	5.1	70.3	3945
JUN		100.0	100.0	99.9	99.5	98.5	87.6	53.2	20.4	3.2	72.3	3922
JUL		100.0	100.0	99.8	99.4	97.8	89.8	62.8	26.6	6.5	74.4	3937
AUG		100.0	100.0	100.0	99.9	98.8	90.2	60.7	28.9	7.1	74.7	4134
SEP		100.0	99.9	98.9	97.0	93.3	83.0	59.8	30.4	8.3	73.1	3798
OCT		100.0	99.9	98.9	96.2	91.3	79.6	58.3	28.1	6.8	72.0	3949
NOV		100.0	99.8	98.4	95.7	89.1	76.6	55.4	25.4	8.7	70.8	3702
DEC		100.0	99.9	97.5	92.4	84.1	72.5	55.0	25.4	5.9	69.1	3399
TOTALS		100.0	99.9	99.3	97.5	93.3	81.7	56.6	25.7	7.1	72.0	46795

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PART 5 - PRESSURE SUMMARY

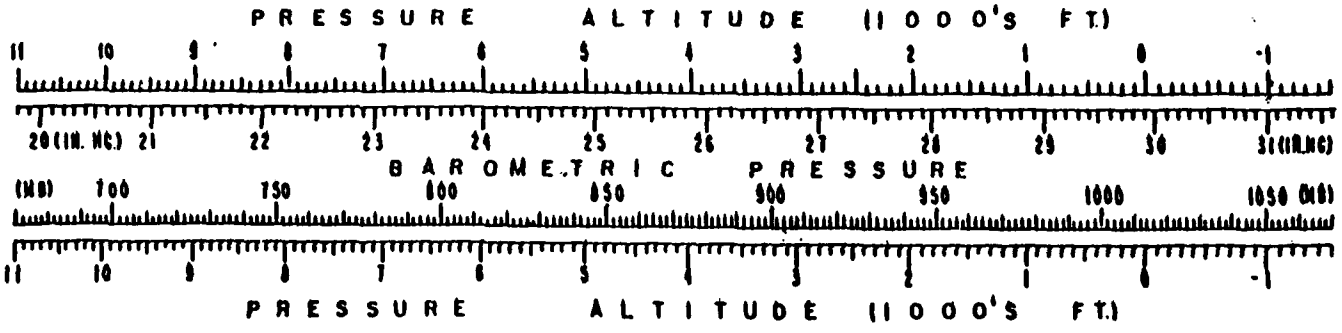
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided 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.

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

724916 FT ORD/FRITZSCHE AAF CA 76-86

STATION STATION NAME YEARS

HRS LST		JAN.	FEB.	MAR	APR.	MAY	JUN	JUL	AUG.	SEP	OCT.	NOV	DEC	ANNUAL
0	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
	MEAN	29.912	29.915	29.871	29.896	29.849	29.837	29.826	29.825	29.794	29.870	29.928	29.956	29.867
	S D	.167	.168	.175	.109	.089	.081	.075	.073	.084	.090	.147	.146	.126
	TOTAL OBS	2[illegible]	192	221	219	260	259	268	280	259	268	194	168	2796
	MEAN	29.947	29.944	29.902	29.909	29.860	29.848	29.840	29.839	29.808	29.893	29.952	29.971	29.892
	S D	.167	.178	.174	.117	.089	.079	.075	.075	.082	.091	.141	.152	.133
	TOTAL OBS	2[illegible]4	246	271	263	262	260	268	280	259	272	249	252	3146
	MEAN	29.895	29.906	29.876	29.890	29.849	29.843	29.831	29.824	29.783	29.855	29.905	29.917	29.864
	S D	.164	.175	.168	.114	.088	.078	.075	.073	.082	.090	.139	.150	.127
	TOTAL OBS	2[illegible]5	246	271	263	262	260	269	279	259	271	248	249	3142
	MEAN	29.801	29.882	29.850	29.866	29.833	29.821	29.809	29.802	29.756	29.838	29.892	29.904	29.848
	S D	.164	.175	.164	.102	.090	.077	.076	.074	.086	.094	.139	.147	.131
	TOTAL OBS	2[illegible]5	246	270	257	213	213	210	222	204	213	246	246	2807
	MEAN	29.896	29.885	29.851	29.862	29.830	29.812	29.799	29.795	29.760	29.846	29.903	29.941	29.845
	S D	.159	.179	.166	.101	.087	.077	.077	.074	.086	.093	.150	.137	.130
	TOTAL OBS	176	164	194	182	180	179	179	192	173	175	170	119	2083
12	MEAN	29.913	29.900	29.875	29.886	29.853	29.830	29.818	29.807	29.783	29.866	29.927	29.962	29.866
	S D	.162	.184	.167	.105	.089	.077	.078	.073	.088	.096	.155	.143	.132
	TOTAL OBS	174	163	191	181	179	179	158	168	152	156	146	107	1954
ALL HOURS	MEAN	29.907	29.907	29.872	29.886	29.847	29.834	29.823	29.818	29.783	29.863	29.917	29.939	29.865
	S D	.165	.177	.170	.106	.089	.079	.077	.075	.086	.094	.145	.149	.131
	TOTAL OBS	13[illegible]2	1257	1418	1365	1356	1350	1352	1421	1306	1355	1255	1141	15928

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

724916 FT ORD/FRITZSCHE AAF CA 76-86

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0	MEAN													
	S D													
	TOTAL OBS													
6	MEAN													
	S D													
	TOTAL OBS													
9	MEAN	1018.4	1018.5	1017.2	1017.9	1016.3	1016.0	1015.7	1015.6	1014.5	1017.1	1019.1	1019.9	1017.0
	S D	5.672	5.705	5.638	3.710	2.985	2.800	2.525	2.452	2.801	3.044	4.977	4.951	4.258
	TOTAL OBS	2[illegible]7	192	220	219	260	259	268	280	259	268	194	168	2794
12	MEAN	1019.7	1019.6	1018.1	1016.4	1016.8	1016.4	1016.1	1016.1	1015.0	1017.8	1019.9	1020.5	1017.8
	S D	5.605	6.041	5.921	3.622	3.001	2.743	2.558	2.473	2.772	3.073	4.809	5.093	4.505
	TOTAL OBS	264	246	271	263	262	260	268	280	259	272	249	252	3146
15	MEAN	1017.9	1018.3	1017.3	1017.8	1016.4	1016.2	1015.6	1015.6	1014.2	1016.6	1018.3	1018.7	1016.9
	S D	5.491	5.932	5.731	3.517	2.958	2.744	2.560	2.420	2.763	3.025	4.722	5.072	4.291
	TOTAL OBS	2[illegible]5	246	271	263	262	260	269	280	259	271	247	249	3142
18	MEAN	1017.0	1017.5	1016.4	1016.9	1015.6	1015.4	1015.0	1014.8	1013.2	1016.0	1017.8	1018.2	1016.3
	S D	5.301	5.959	5.578	3.435	3.031	2.682	2.623	2.471	2.890	3.133	4.693	4.965	4.411
	TOTAL OBS	264	246	270	256	213	213	210	222	204	213	248	246	2835
21	MEAN	1017.9	1017.5	1016.4	1016.6	1015.7	1015.1	1014.7	1014.6	1013.3	1016.3	1018.2	1019.4	1016.2
	S D	5.391	6.086	5.671	3.455	2.946	2.653	2.613	2.466	2.890	3.132	5.058	4.672	4.387
	TOTAL OBS	1[illegible]6	164	194	182	183	179	179	192	173	175	170	119	2083
3	MEAN	1018.5	1018.1	1017.3	1017.6	1016.5	1015.7	1015.3	1014.9	1014.1	1016.9	1019.0	1020.1	1016.9
	S D	5.454	6.219	5.698	3.5[illegible]9	2.974	2.669	2.653	2.395	2.945	3.201	5.233	4.831	4.474
	TOTAL OBS	174	163	191	181	179	179	158	168	152	156	146	107	1954
ALL HOURS	MEAN	1018.3	1018.3	1017.1	1017.6	1016.3	1015.8	1015.5	1015.3	1014.1	1016.8	1018.7	1019.4	1016.9
	S D	5.536	6.015	5.765	3.580	3.000	2.751	2.620	2.500	2.894	3.145	4.928	5.040	4.417
	TOTAL OBS	13[illegible]0	1257	1417	1364	1356	1350	1352	1422	1306	1355	1254	1141	15924

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