

AD-A159 635

VANDENBERG AFB CALIFORNIA LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARY (..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. JUN 85
USAFETAC/DS-85/020 F/G 4/2

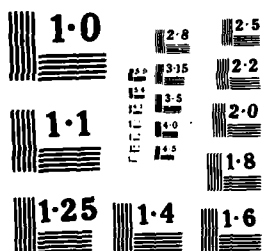
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AD-A159 635

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"LIMITED SURFACE OBSERVATIONS"
CLIMATIC SUMMARY "19000"

WHEELER AFB GA REG #723030
14 49 120 33 ELV: 867 FT 733

PARTS A-F HOURS SUMMERIZED: 1500Z - 0100Z

PERIOD OF RECORD:
HOURLY OBSERVATIONS: JAN 75 - DEC 84
SUMMARY OF DAY DATA: NONE

TIME CONVERSION GMT TO LST: -8

04 JUN 1985

06 JUN 1985

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ASHEVILLE, N. C.

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FOR THE COMMANDER

Wayne E. McCollom

WAYNE E. MCCOLLOM
Chief, Document Research Section
USAFETAC/LDX

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AD-A159635

SECURITY CLASSIFICATION OF THIS PAGE

REPORT DOCUMENTATION PAGE

1a. REPORT SECURITY CLASSIFICATION Unclassified			1b. RESTRICTIVE MARKINGS	
2a. SECURITY CLASSIFICATION AUTHORITY			3. DISTRIBUTION/AVAILABILITY OF REPORT Approved for public release; distribution unlimited.	
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8a. NAME OF FUNDING/SPONSORING ORGANIZATION		8b. OFFICE SYMBOL (If applicable)		9. PROCUREMENT INSTRUMENT IDENTIFICATION NUMBER
8c. ADDRESS (City, State, and ZIP Code)			10. SOURCE OF FUNDING NUMBERS PROGRAM ELEMENT NO. PROJECT NO. TASK NO. WORK UNIT ACCESSION N	
11. TITLE (Include Security Classification) VANDENBERG AFB CALIFORNIA (LISOCs) (Unclassified)				
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17. COSATI CODES FIELD GROUP SUB-GROUP 04 02			18. SUBJECT TERMS (Continue on reverse if necessary and identify by block number) *climatology *weather meteorological conditions (continued over)	
19. ABSTRACT (Continue on reverse if necessary and identify by block number) A statistical data summary of surface weather observation climatology for: VANDENBERG AFB CALIFORNIA. 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 A, Weather Conditions and Atmospheric Phenomena; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; and PART F, Pressure Summaries. Note that PART B, Precipitation, is omitted. See USAFETAC/TN-83/001 (AD-A132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWOs), for complete descriptions of contents and instructions for use.				
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22a. NAME OF RESPONSIBLE INDIVIDUAL Marie Wakefield			22b. TELEPHONE (Include Area Code) (618) 256-2625	
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83 APR edition may be used until exhausted.
All other editions are obsolete.

SECURITY CLASSIFICATION OF THIS PAGE

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18. Subject terms cont.

winds	precipitation	temperature	visibility
barometric pressure		relative humidity	
sky cover	psychrometric data		ceiling

Limited Surface Observations Climatic Summary
LISQCS

VANDENBERG AFB CALIFORNIA

COOKE AFB

USCA 72 3930

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.

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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 precedes 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
723930	VANDENBERG AFB CALIFORNIA	N 34 44	W 120 33	367	VBG	72393

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	Cooke AFB, California	AFB	Jun 58	Jan 59	N 34 43	W 120 34	368	341 ft	24
2	Vandenberg AFB, California	Same	Feb 59	Jan 61	Same	Same	Same	Same	24
3	Same	Same	Feb 61	Apr 63	Same	Same	Same	552	24
4	Same	Same	May 63	Dec 70	Same	Same	Same	380	24
5	Same	Same	Jan 71	Aug 73	Same	Same	Same	Same	24
6	Same	Same	Sep 73	Dec 75	Same	Same	Same	Same	17
7	Same	Same	Jan 76	Apr 78	Same	Same	Same	Same	11
8	Same	Same	May 78	Apr 81	Same	Same	Same	Same	10
9	Same	Same	May 81	Jan 82*	N 34 44	W 120 33	367	Same	10

* Instrument relocation from Sep 82-Aug 83.

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	Jun 58	Read off indicator by tower operator passed on to Rosby intercom.	AN/GMQ-11	N/A	16 ft.	
2	Feb 59	Located 200 ft N of weather stn.	AN/GMQ-1A	ML204B	15 ft.	
3	Mar 59	Located on top of tower.	Same	Same	75 ft.	
4	Oct 60	Located near approach end of runway 30, 3500 ft from Rep. site in control tower.	AN/GMQ-11	RO-2	13 ft.	
5	Mar 66	Located 5/8 of a mile S of ROS.	Same	Same	Same	
6	Mar 66	1. Located 1070 ft N and 110 ft E of runway 30.	Same	Same	Same	
		2. Located 250 ft S and 860 ft E of runway 12.	Same		Same	
7	Jan 68	Same	Same	RO-362	Same	

NUMBER OF STATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
8	Dec 72	1. Same 2. Same	AN/GMQ-20 Same	Same	Same	
9	Apr 81	1. Same 2. Same	Same Same	Same Same	Same Same	
10	Sep 82	1. Same 2. Same	Same Same	Same Same	Same Same	
11	Jan 85	1. Same 2. Same	Same Same	Same Same	Same Same	

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WEATHER CONDITIONS

1

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

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.

WEATHER CONDITIONS

- 3 -

YEARS

MONTH

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	01-01												
	01-02												
	06-01		5.4				5.0	1.2	0.0			1.0	67
	04-11	.3	4.2				0.0	0.5	0.0			0.0	43
	10-14		4.7				4.0	0.1	1.0			5.0	607
	10-17		7.1				0.0	0.7	1.0			0.0	61
	10-20												
	01-23												
TOTALS		.1	5.1				5.1	2.1	0.0			0.0	244

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

WEATHER CONDITIONS

930 VANDENBERG AFB CA 75-94
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
FEB	00-04												
	05-09												
	10-14		5.3				5.3	12.6	.4			17.7	747
	15-19	.2	7.9				7.9	12.2	.6			18.7	622
	20-24		7.7				7.7	7.7	2.3			7.7	114
	25-29	.2	7.7				7.7	11.3	3.3			17.7	508
	30-03												
	04-08												
	09-13												
	14-18												
	19-23												
	24-28												
	29-02												
TOTALS		.1	5.3				5.3	12.2	1.7			17.4	2754

GENERAL CLIMATOLOGY BRANCH
 AFETAC
 WEATHER SERVICE/MAC

WEATHER CONDITIONS

937 VANDENBERG AFB CA 75-84
 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
MAR	00-02												
	03-05												
	06-08		9.1				9.1	11.5	.3			11.1	267
	09-11	.8	6.6				6.6	7.5	1.1			5.5	725
	12-14	.3	7.3			.1	7.3	6.5	1.7			5.0	714
	15-17	.3	7.3				7.3	6.2	1.4			7.0	719
	18-20												
	21-23												
TOTALS		.4	7.6			.2	7.6	7.7	1.1			5.1	2437

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AFM WEATHER SERVICE/MAC

WEATHER CONDITIONS

930 VANDENBERG AFB CA 75-84 12
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.
APR	00-02												
	03-05												
	06-08		2.0				2.0	21.0	2.0			22.0	295
	09-11		2.5				2.5	11.7	2.0			13.0	584
	12-14	.1	2.7				2.7	5.7	2.7			1.4	576
	15-17		3.4				3.4	7.5	3.7			4.3	650
	18-20												
	21-23												
TOTALS		.1	2.7				2.7	11.5	2.5			11.4	2701

USAF CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

WEATHER CONDITIONS

1950 VANDENBERG AFB CA 75-84 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	00-02												
	03-05												
	06-08		1.1				1.1	41.9	2.4			42.	401
	09-11		.5				.5	23.5	2.1			25.1	577
	12-14		.1				.1	15.1	2.1			17.1	550
	15-17		.2				.2	13.5	2.2			15.7	500
	18-20												
	21-23												
TOTALS			.5				.5	23.7	2.5			25.3	2297

GENERAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

WEATHER CONDITIONS

17 930 VANDENBERG AFB CA 75-84
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
JUN	01-02												
	03-05												
	06-08		2.5				2.5	4.2	3.1			5.1	447
	09-11		.3				.3	23.5	2.1			25.1	558
	12-14		.1				.1	9.4	3.4			11.7	567
	15-17	.4	.2				.4	10.7	3.5			12.1	457
	18-20												
	21-23												
TOTALS		.1	.9				.8	23.0	3.4			25.1	2234

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION 75-84
STATION NAME VANDENBERG AFB CA YEARS MONTH JUL

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
JUL	07-08												
	09-10												
	11-12		1.9				1.9	74.0				74.0	125
	13-14		1.1				1.1	35.7	1.7			35.7	547
	15-16		.5				.5	14.1	5.3			17.1	537
	17-18							11.0	4.2			15.2	431
	19-20												
	21-22												
	23-24												
TOTALS			.9				.9	30.4	2.9			37.1	2135

ALCAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/HAC

WEATHER CONDITIONS

12 937 VANDENBERG AFB CA 75-34 10
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
AJS	00-02												
	03-05												
	06-08		2.0				1.0	73.0	2.0			74.0	405
	09-11		.7				.7	35.0	4.7			41.7	604
	12-14		.4				.4	10.0	0.0			10.0	673
	15-17							17.3	4.7			19.0	473
	18-20												
	21-23												
TOTALS			.9				.9	30.0	4.4			35.0	2000

U.S. AIR FORCE
 CLIMATE BRANCH
 AFMPC
 WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION 930 VANDENBERG AFB CA 75-84 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
SEP	00-02												
	03-05												
	06-08		3.3				3.3	4.3	1.7			46.7	429
	09-11		1.3				1.3	23.3	2.0			77.1	150
	12-14		2.3				2.3	11.7	3.3			13.7	659
	15-17	.2	2.1				2.1	17.2	3.3			19.1	456
	18-20												
	21-23												
TOTALS		.1	2.3				2.3	25.8	2.9			77.3	2202

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

WEATHER CONDITIONS

933 VANDENBERG AFB CA 75-54
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
OCT	01-02												
	03-05												
	06-09		3.0				1.0	34.8	0.8			30.1	390
	10-11		1.5				1.0	22.2	2.0			22.2	430
	12-14		0.5				0.1	12.7	4.0			15.7	430
	15-17		0.2				0.9	15.3	4.4			19.5	457
	18-20												
	21-23												
TOTALS			1.5				1.0	21.3	3.0			23.2	2115

U.S. AIR FORCE CLIMATOLOGY BRANCH
USAFETAC
U.S. WEATHER SERVICE/MAC

WEATHER CONDITIONS

NO. 937 LANDENBERG AFB CA 75-54 11
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (EST.)	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		1.3				1.1	11.0	.5			11.0	218
	09-11		1.0				1.0	7.9	.5			9.4	217
	12-14		3.0				2.0	9.9	1.1			5.0	300
	15-17	.2	2.3				2.5	10.5	.7			1.0	160
	18-20												
	21-23												
TOTALS		.1	2.2				2.2	5.9	.5			4.4	2137

WEATHER CONDITIONS

75-44

250
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
JAN	01-08												
	09-16												
	17-24		5.7				5.7	17.2	.5			17.5	227
	25-31		3.7				3.7	11.9	.5			17.5	542
	1-14		3.0		.2		3.0	7.0	2.2			7.5	541
	15-17		3.0				3.0	7.5	2.1			10.2	127
	18-20												
	21-23												
TOTALS			5.7		.1		3.7	11.2	1.5			11.	2137

JOINT CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/440

WEATHER CONDITIONS

STATION 930 VANDENBERG AFB CA 75-84 YEARS 4-11 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
JAN	7.0	.1	5.1				5.1	9.1	.1			5.4	2724
FEB		.1	5.3				5.3	12.2	1.5			1.4	2764
MAR		.4	7.5			.0	7.5	7.7	1.1			1.1	2435
APR		.0	2.7				2.7	11.5	2.0			13.4	230
MAY			.5				.5	23.7	2.5			27.1	2797
JUN		.1	.3				.1	25.3	3.4			28.1	2234
JUL			.9				.9	35.4	2.9			37.1	2135
AUG			.9				.9	35.3	4.4			39.3	229
SEP		.1	2.3				2.3	25.3	2.9			27.2	2722
OCT			1.5				1.5	21.3	3.0			24.2	2115
NOV		.1	2.2				2.2	1.9	.1			3.4	237
DEC			3.9		.1		3.9	11.2	1.5			11.0	2131
TOTALS		.1	3.1		.1	.0	3.1	15.8	2.3			20.2	26574

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

1234567890123456789012345678901234567890123456789012345678901234567

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SURFACE WINDS

PART 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.

U.S. AIR FORCE
 CLIMATE BRANCH
 AFMTC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 10932 VANDENBERG AFB CA STATION NAME YEARS 75-84 NORTH
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	.7	4.1	.7	.4							1.2	7.1
NNE	1.1	1.1	.7	.4								.4	2.7
NE	1.1	.7	.7									.2	4.2
ENE	1.1	.7										.2	3.2
E	4.2	11.5	2.2									1.7	4.4
ESE	7.1	14.2	7.5	1.1	.4							.3	5.1
SE	3.7	1.1	1.5	.4	.4							.1	1.5
SSE		.7		1.1								.2	1.2
S	.4	.7	.7									1.2	2.4
SSW		.4	.4	.4								1.1	2.7
SW			.7									.2	2.2
WSW													
W	.4		.7	.4								1.5	2.0
WNW		.4		.4								.2	1.2
NW	.7		1.1	.7								.2	2.7
NNW	1.1	.7	1.2									1.7	5.2
VARBL													
CALM												1.2	
	23.2	32.3	22.5	4.5	1.1								

TOTAL NUMBER OF OBSERVATIONS 267

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 933 VANDENBERG AFB CA STATION NAME 75-24 YEARS MONTH 12-1960
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	2.5	2.5	1.5	.3	.1						1.1	2.7
NNE	1.3	.9	1.5	.5								1.4	5.7
NE	1.5	.5										1.2	2.7
ENE	1.5	.4										1.2	2.3
E	4.1	3.1	1.5									1.2	4.2
ESE	5.5	9.2	4.3	.4	.1							2.1	3.5
SE	2.5	3.7	2.1	2.3	1.2	.3	.1					1.2	4.9
SSE	1.0	.7	.7	1.3	.5							1.3	3.3
S	1.2	.1	.5	.1								1.2	4.5
SSW	.4	.5	.1									1.2	4.5
SW	.2	.3	.3									1.2	3.1
WSW	.4		.3									1.2	2.2
W	.7	.4	.4	.3	.1							1.1	2.7
WNW	.7	.4	1.2	.3	.1							1.2	7.4
NW	.7	.9	3.4	1.3								1.2	7.7
NNW	2.3	2.3	1.5	1.0								1.2	2.2
VARBL													
CALM												1.0	
	23.3	23.3	23.5	9.4	2.5	.4	.1					1.2	

TOTAL NUMBER OF OBSERVATIONS 60

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 930 VANDENBERG AFB CA STATION NAME 75-84 YEARS MONTH 12-1-55
CLASS ALL WEATHER HOURS (LST) 1
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	1.9	1.7	.1							4.2	3.0
NNE	.1	.1	.5	.1	.3							1.1	2.7
NE		.1										.1	2.0
ENE	.1		.1									.1	5.5
E	.5	.1										.7	3.6
ESE	1.7	.2	.4	.7	.1	.1						3.4	5.1
SE	.1	.4	1.3	1.9	1.3	.7	.1					4.1	14.5
SSE	.3	.5	1.3	1.7	.4							4.1	14.3
S	.9	1.7	.2	.2	.1							3.1	6.1
SSW	.4	.5	.7	.4								2.2	7.1
SW	1.5	1.0	1.0									3.2	4.0
WSW	1.2	4.1	2.2	.1								7.0	5.4
W	3.2	5.3	2.5	.5	.1							11.7	5.4
WNW	2.3	4.7	2.9	1.2								11.4	5.7
NW	2.9	7.0	7.3	4.8	.4							22.1	7.7
NNW	1.5	1.9	4.3	2.7	.1							14.2	2.2
VARBL													
CALM												4.1	
	17.7	23.3	28.5	16.4	3.2	.2	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 600

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 930 VANDENBERG AFB CA STATION NAME 75-54 YEARS JAN NORTH
CLASS ALL WEATHER 3-1770 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	.7	1.5	.9								4.1	5.5
NNE	.4	.3	.3	.3								1.3	5.7
NE		.7										.3	5.0
ENE		.1										.1	4.0
E		.1	.1									.2	5.5
ESE		.5	1.0	1.2	.5	.3						3.7	12.7
SE	.3	.4	1.9	.7	.7	.4						4.3	11.0
SSE	.1	1.2	1.5	1.2	.3							4.3	9.4
S	.5	.9	.7	.7	.3							3.2	8.0
SSW	.1	.9	.7	.1								1.3	5.6
SW	.5	.4	1.5	.9								3.4	5.0
WSW	1.6	1.2	1.3	.1								4.3	5.1
W	2.2	4.2	1.0	.4								2.2	4.9
WNW	3.5	3.1	1.9	1.0								5.7	4.3
NW	3.1	4.1	5.4	5.4	1.0							21.0	7.7
NNW	2.1	4.5	5.7	4.8	.4							15.5	8.0
VARBL													
CALM												1.1	
	13.2	25.1	25.7	17.2	3.4	.7						10.3	7.1

TOTAL NUMBER OF OBSERVATIONS 672

JUNIOR CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12 937 STATION 14NDONVAFB AFB CA YEARS 75-84
STATION NAME YEARS
CLASS ALL WEATHER
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.3	2.2	1.1	.2	.7						2.5	2.1
NNE	.7	.5	.3	.3	.1							2.1	2.3
NE	.6	.4	.1									1.1	3.2
ENE	.6	.3	.2									.5	2.2
E	2.5	3.3	.7									2.5	4.3
ESE	3.3	4.8	2.5	.8	.3	.1						11.7	5.1
SE	1.3	1.5	1.7	1.5	1.3	.4	.1					7.2	1.2
SSE	.4	.8	1.2	1.2	.4							4.2	1.4
S	.3	.7	.7	.5	.1							2.7	1.2
SSW	.3	.7	.5	.2								1.7	5.4
SW	.7	.5	.2	.3								2.7	5.3
WSW	1.3	1.5	1.1	.1								3.7	2.3
W	2.3	2.9	1.3	.4	.1							8.2	2.3
WNW	2.1	2.5	1.8	.7	.2							7.1	5.2
NW	2.1	5.3	5.2	3.5	.4							14.1	7.8
NNW	2.2	2.5	3.8	2.8	.2							11.2	7.8
VARBL													
CALM												7.6	
	21.5	22.2	24.7	13.5	2.9	.5	.1					10.2	5.4

TOTAL NUMBER OF OBSERVATIONS 2324

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 70937 VANDENBERG AFB CA STATION NAME 75-84 YEARS FEB MONTH 1977-2077 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.6	3.3	3.7	.4	.4							12.0	5.8
NNE	.8	2.1	2.5	.9								8.2	7.0
NE	2.1	.4										2.5	2.5
ENE	.4	1.2	.4									3.1	4.4
E	3.7	3.3	2.1									14.6	4.0
ESE	7.5	12.9	5.7	1.2								28.7	5.1
SE	4.6	3.3	.3	.8								9.6	4.3
SSE		1.2	.5									2.1	5.4
S	.4	.4	.4	.8								3.1	7.0
SSW	.4											.4	2.0
SW			.4									.4	5.0
WSW		.4	.4									.4	7.0
W	.8	.4										1.2	3.0
WNW	.4	.4	.4									1.2	5.0
NW		.8	1.7	1.2								3.7	8.2
NNW		.8	1.2	.8	.4							3.3	7.0
VARBL													
CALM												15.0	
	25.8	33.2	27.7	6.2	.8							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 242

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12-937 STATION WANDENBERG AFB CA 75-84 YEARS FEB 1975-1120 HOURS (LST)
STATION NAME CLASS CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N	1.6	4.7	4.3	3.4	.2							13.5
NNE	.5	.2	.3	1.4	.3							4.1
NE		.2	.2	.2								2.7
ENE	1.7	.3										2.3
E	3.9	3.5	1.3	.3								7.4
ESE	3.1	5.4	1.5	1.3	.5							5.1
SE	1.3	2.3	1.9	1.3	.5	.2						7.1
SSE	1.1	1.1	1.7	1.7	.2							4.3
S	.3	.5	1.3	.3								2.7
SSW	.2	1.7		.5								1.3
SW	.5	.2	.2	.2								1.5
WSW	.3	1.5	.5		.2							1.1
W	1.1	1.5	1.7	.3								4.1
WNW	1.4	1.5	1.9	.2	.2							3.3
NW	1.3	2.3	3.1	2.3	.3							7.2
NNW	.5	1.5	3.1	3.5	.2	.2						7.5
VARBL												
CALM												15.5
	19.5	23.9	22.7	16.1	2.6	.3						100.3

TOTAL NUMBER OF OBSERVATIONS 522

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 933 LANDENBERG AFB TX 75-64 YEARS MONTH FEB 1953-1953
STATION NAME CLASS HOURS (LST) 100-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.3	2.3	1.3	.5	.2						.2	11.4
NNE	.2	.2	.3									.7	5.3
NE			.2	.2								.2	11.5
ENE		.2				.2						.2	14.5
E	.2	.2	.2	.2								.7	7.0
ESE	.2	.2	.5	.2	.8	.2						.2	15.2
SE	.3	.5	1.0	3.3	.8	.2						.2	12.0
SSE	.3	.3	.7	1.0	.2							2.4	9.9
S		.5	.5	.5								1.5	2.9
SSW	.3	.5	.3	1.3								2.4	7.1
SW		.8	2.0	.7								2.4	5.5
WSW	.3	2.9	2.1	.3								2.7	5.7
W	2.1	7.2	3.7	.3	.2							13.0	5.7
WNW	.7	3.5	4.7	2.3	.5							13.7	7.7
NW	1.5	4.4	3.8	3.5	2.8							25.0	12.1
NNW	.3	2.1	3.1	6.4	1.3	.2						15.4	11.2
VARBL													
CALM												.9	
	6.5	25.7	32.3	25.2	7.0	.9						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 514

JOINT CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

937 VANDENBERG AFB CA 75-54 1978

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

120-1700

HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	.5	1.7	.3	.2						.3	13.4
NNE	.3	.2	.2		.2							.2	7.0
NE	.3		.7									.7	5.0
ENE	.2				.2							.2	1.0
E		.5	.3									.5	6.2
ESE	.3	.7	1.3	.7								3.5	8.2
SE	.2	.3	1.2	1.3	.7	.2						2.5	12.0
SSE			.5	1.3	.2	.3						.3	12.0
S	.3	.3	.8	.9								2.5	8.3
SSW		.7	.7	.2								1.5	7.7
SW		1.7	1.2	.2								2.3	7.6
WSW	.5	.8	.5	.2								.5	5.0
W	2.2	4.9	3.0	.2								10.2	5.5
WNW	.5	4.4	4.1	1.3								10.4	7.0
NW	1.3	5.9	11.7	10.0	1.8							31.6	7.0
NNW	2.2	3.5	4.5	10.7	2.5	.2						2.4	11.0
VARBL													
CALM													
	3.4	25.7	52.4	27.8	5.8	.3						100.0	

TOTAL NUMBER OF OBSERVATIONS

620

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 932 STATION NAME JAYDENBERG AFB TX YEARS 75-84 MONTH FEB
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.5	2.7	1.7	.3	.1						7.7	5.5
NNE	.4	.4	.7	.5	.1							2.2	6.6
NE	.3	.1	.2	.1								.7	3.5
ENE	.4	.3	.2		.2	.2						.6	2.2
E	1.5	2.2	.3	.1								4.5	4.7
ESE	1.9	3.5	1.7	.3	.4	.2						2.2	2.2
SE	1.2	1.3	1.2	1.9	.6	.1						2.2	9.3
SSE	.4	.5	.7	1.2	.1	.1						2.2	9.3
S	.4	.5	.3	.6								2.4	1.2
SSW	.2	.5	.3	.6								4.9	5.5
SW	.1	.3	1.2	.3								4.2	1.2
WSW	.2	1.5	1.2	.1	.2							2.2	2.2
W	1.5	4.1	2.3	.2	.2							2.2	5.6
WNW	.4	3.5	3.2	1.1	.2							2.2	7.6
NW	1.3	4.1	5.9	6.2	1.4							2.2	2.2
NNW	.2	2.2	3.3	6.1	1.2	.1						1.2	1.2
VARBL													
CALM													
	13.2	27.7	25.3	21.4	4.5	.2						11.2	7.6

TOTAL NUMBER OF OBSERVATIONS 224

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 75-937 LANDENBERS AFB CA STATION NAME 75-94 YEARS MONTH 1-12-75-12-75 HOURS (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	7.7	2.4	2.4								16.8	6.1
NNE	1.0	2.1	1.0									4.2	4.4
NE	1.4	1.7	.3									3.4	3.2
ENE	1.4	1.0										2.4	3.4
E	5.6	3.5	1.0									10.1	3.4
ESE	4.5	5.6	5.2									15.4	5.1
SE	1.7	2.4	1.7	2.1								2.4	7.3
SSE	.7	.3	.3	.3	.3	.3						2.4	10.1
S	.7	.3	.3									1.4	4.5
SSW	.3											.3	2.4
SW	1.4											1.4	2.5
WSW	.3											.3	2.4
W	.7	.3	.7									1.7	6.1
WNW													
NW	.3	1.0	1.7	1.7	.3							.3	3.6
NNW	1.7	1.7	4.5	3.9	.3							12.2	5.7
VARBL													
CALM												14.3	
	25.4	23.9	19.5	17.5	1.7	.3						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 247

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 92 930 VANDENBERG AFB CA STATION NAME 75-54 YEARS 4-5 MONTH 1-12
CLASS ALL WEATHER HOURS (LST) 0000-2400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.3	3.2	1.3	.5							1.0	7.5
NNE		.7	1.1									1.0	8.5
NE	.3	.4										.7	3.0
ENE	.4	.3										.7	2.0
E	1.2	1.1	.3									2.0	3.0
ESE	2.2	2.5	2.9	.6	.1							2.1	5.1
SE	1.2	1.7	1.5	1.4		.5						2.2	2.0
SSE	.5	.4	.7	.8	.5							3.0	9.9
S	.7	1.3	.5	.8	.1							2.2	7.7
SSW	.5	.1	1.1									1.0	2.9
SW	.4	1.1	.6	.1								.2	5.0
WSW	.7	1.5	1.3									.2	5.4
W	1.2	2.8	1.2	.4								.0	5.1
WNW	.3	2.5	2.2	.8								1.5	5.7
NW	.3	4.7	4.3	7.4	.5							17.5	9.0
NNW	1.4	3.2	4.7	6.1	1.1	.1						17.1	9.9
VARBL													
CALM												.1	
	15.4	25.7	25.3	20.2	3.0	.7						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 724

JOINT CLIMATOLOGY BRANCH
USAFETAC
47 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72-937 STATION LANDENBERG AFB TX 75-54 YEARS 1953-1954
CLASS ALL WEATHER HOURS (LST) 100-100
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.3	1.2	.4	.7								11.0
NNE				.1									12.0
NE													
ENE													
E		.1										.1	4.3
ESE	.1	.1	.1	.1								.1	7.8
SE	.1	.4	2.2	2.2	.3	.3						5.1	11.7
SSE	.1	.4	.5	1.3	.4							.4	12.0
S	.1	.3	1.1	.3	.1							.1	12.0
SSW		.7	.4	1.2	.3							.1	11.7
SW	.1	1.1	2.2	1.1	.1							.4	8.3
WSW	.1	1.4	2.7	.6								.1	7.8
W	.7	4.3	5.2	.7	.1							12.3	8.7
WNW	1.7	4.2	5.5	1.4								1.0	7.7
NW	.6	1.4	3.1	1.9	2.9	1.2						3.7	12.0
NNW	.1	1.2	2.7	6.2	2.8	1.2						13.7	13.7
VARBL													
CALM												1.0	
	4.3	15.5	32.2	32.2	8.4	2.2						100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 71

JOINT CLIMATOLOGY BRANCH
 AFMPC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 932 LANDINGS AFB CA STATION NAME 75-84 YEARS VAR NORTH
 CLASS ALL WEATHER HOURS (L & T) 1000-1700
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.5	.1	.3	.3							1.0	2.5
NNE	.5		.1									.7	3.0
NE													
ENE													
E				.1									12.0
ESE	.1	.4	.1	.4	.3							1.0	1.0
SE	.1	.4	.1	2.3	.4	.1						2.0	1.0
SSE	.4		.7	1.3	.4	.1						2.0	1.0
S	.1	.4	1.1	1.7	.4							2.0	1.0
SSW	.1	.4	.5									1.0	1.0
SW	.5	1.7	1.7	.3	.1							2.0	7.0
WSW		1.5	1.1	.1								2.0	5.0
W	1.1	4.1	3.3	.3	.1							2.0	5.0
WNW	.5	3.7	5.3	2.7	.7							1.0	5.7
NW	.2	4.1	3.7	13.4	5.8	.3						1.0	12.1
NNW	.7	1.1	3.2	11.7	4.2	1.5						1.0	1.0
VARBL													
CALM													
	5.9	13.1	25.8	32.5	12.9	2.1							1.0

TOTAL NUMBER OF OBSERVATIONS 1.0

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 930 STATION NAME LANDV3ERS AFB CA YEARS 75-84 MONTH ALL
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.0	1.3	1.0	.5							1.1	1.1
NNE	.3	.5	.5	.2								1.5	1.5
NE	.2	.3	.5									1.0	1.0
ENE	.3	.2										.5	.5
E	1.0	.8	.2	.2								2.2	2.2
ESE	1.3	1.7	1.5	.3	.1							4.8	4.8
SE	.7	1.0	1.3	1.9	.4	.3						8.5	8.5
SSE	.4	.3	.5	1.2	.5	.1						3.0	3.0
S	.4	.5	.9	.9	.2							2.9	2.9
SSW	.2	.2	.5	.3	.1							1.3	1.3
SW	.5	.9	1.2	.5	.1							2.3	2.3
WSW	.2	1.4	1.4	.2								3.3	3.3
W	1.2	3.4	3.3	.4	.1							8.4	8.4
WNW	.3	3.3	3.9	1.3	.2							9.0	9.0
NW	.7	3.1	5.2	11.3	2.8	.4						24.5	24.5
NNW	1.1	1.8	3.7	7.2	2.4	.3						18.8	18.8
VARBL													
CALM													
	17.5	21.5	27.2	27.7	7.2	1.5							

TOTAL NUMBER OF OBSERVATIONS 2430

JOINT CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 957 VANDENBERG AFB CA STATION NAME 75-54 YEARS 12 MONTH 12-1-50
CLASS ALL WEATHER HOURS (LST) 1
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.8	2.4	2.4								1.4	2.4
NNE	2.4	1.7	.3									1.4	2.4
NE	1.7	.3	.3									1.4	2.4
ENE	1.7	1.7										1.4	2.4
E	2.4	2.7	.3									1.4	2.4
ESE	4.1	2.7	1.7	.7								1.4	2.4
SE	2.1	1.7	.3	.3								1.4	2.4
SSE	.3	.7		.3								1.4	2.4
S		1.7		.3								1.4	2.4
SSW	.7											1.4	2.4
SW												1.4	2.4
WSW	.7	.3										1.4	2.4
W	1.4											1.4	2.4
WNW	.7	.7	.7	.3								1.4	2.4
NW	2.4	1.4	4.1	2.4								1.4	2.4
NNW	1.7	5.1	7.5	5.1	.3							1.4	2.4
VARBL												1.4	2.4
CALM												1.4	2.4
	24.7	27.5	15.7	11.9	.3							1.4	2.4

TOTAL NUMBER OF OBSERVATIONS

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 930 LANDM333 AFB CA STATION NAME 75-64 YEARS 1950-1954 MONTH 10-11-54 HOURS (LST) 1100
CLASS ALL-FASTER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	.2	2.3	2.3	.1	.3						1.0	4.0
NNE	.4	1.0	.3									1.0	4.0
NE	.6											.0	1.0
ENE	.3	.1										.4	2.0
E	.3	.7	.1									1.0	3.0
ESE	.3	.7	.3	1.2	.3							.0	10.2
SE	.3	1.3	.5	.4								.0	7.0
SSE	.3	.1	.4									.0	5.0
S	.6	.9	.3	.6								.3	4.7
SSW	.3	.5	.1									.0	4.0
SW	.3	.9	.7									1.0	5.0
WSW	.5	2.5	.7									.0	5.0
W	2.0	4.7	1.5	.3								.0	5.0
WNW	1.2	2.3	3.5	1.2	.1							.0	6.0
NW	1.3	4.2	12.4	6.2	1.9							2.0	7.7
NNW	.9	3.5	7.5	7.2	1.3	.1						2.0	10.3
VARBL													
CALM												7.0	
	11.5	25.7	37.5	21.3	3.3	.4						10.0	7.8

TOTAL NUMBER OF OBSERVATIONS 524

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/440

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 930 LANDV3545 AFB CA STATION NAME 75-64 YEARS MONTH 122
CLASS ALL WEATHER HOURS (LST) 100-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1		.3	.4		.1						1.0	12.4
NNE													
NE													
ENE													
E	.3			.1								.3	6.3
ESE	.1			.7	.1	.1						1.2	14.1
SE	.1	.1	.1	.3	.1							.7	12.3
SSE		.3	.1	.1								.5	7.9
S	.1	.3	1.3	.5	.1							2.2	7.3
SSW		.3										.1	5.5
SW	.1	.5	.7		.1							1.0	7.0
WSW	.5	1.2	3.1	.4								3.3	7.2
W	.4	4.6	5.4	1.3								12.4	7.4
WNW		2.3	3.4	5.3	.7							17.8	9.0
NW	.1	4.9	13.5	18.9	5.2	1.3						44.1	12.0
NNW		.5	2.9	3.3	3.3	1.5						11.1	14.0
VARBL													
CALM												1.0	
	2.2	15.7	36.7	31.8	9.5	3.1						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 675

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 70937 STATION NAME WANDENBERG AFB CA YEARS 75-80 MONTH APR
CLASS ALL WEATHER HOURS (LST) 10-1700
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.5	.5	.9	.2	.2						1.1	11.1
NNE	.3											2.1	2.1
NE													
ENE		.2										4.1	4.1
E			.2									2.1	2.1
ESE	.2		.2	.3	.2							11.1	11.1
SE		.3	.5	.3								1.1	1.1
SSE			.2	.2								11.1	11.1
S		.5	.2	.3								1.1	1.1
SSW			.2	.2								11.1	11.1
SW			1.1	.3								1.4	1.4
WSW	.5	1.7	1.7	.2								4.0	4.0
W	1.2	4.9	3.1	.5								1.1	1.1
WNW	.3	3.9	5.2	3.7	.3							13.1	13.1
NW	.5	4.9	14.7	17.4	4.9	1.2	.5					43.1	43.1
NNW	.5	1.1	5.4	7.4	3.5	2.2						27.2	27.2
VARBL													
CALM												.1	.1
	4.2	12.5	33.2	31.4	2.1	3.5	.5					100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 649

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFM WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 933 VANDENBERG AFB CA STATION NAME 75-24 YEARS 1955 NORTH
CLASS A-1 WEATHER HOURS (L & T) 11
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.3	1.1	1.3	.1	.2						.4	6.5
NNE	.5	.5	.1									1.2	4.1
NE	.3	.0	.0									.4	2.7
ENE	.3	.3										.6	2.4
E	.5	.5	.1	.0								1.2	4.3
ESE	.7	.5	.3	.7	.2	.0						2.5	4.4
SE	.5	.7	.4	.3	.0							2.2	5.7
SSE	.1	.2	.2	.1	.0							.7	6.6
S	.2	.7	.7	.5	.0							2.1	7.8
SSW	.1	.3	.1	.0								.4	5.5
SW	.1	.4	.7	.1	.0							1.4	7.2
WSW	.5	1.5	1.5	.2								2.5	5.4
W	1.3	4.0	3.2	.5								7.2	5.7
WNW	.7	2.9	5.1	3.1	.3							12.2	5.7
NW	1.0	4.3	12.2	13.2	3.5	.7	.1					34.1	11.3
NNW	.7	2.2	5.5	5.9	2.3	1.1						17.0	12.0
VARBL													
CALM												.1	
	9.4	20.5	31.3	26.0	5.5	2.2	.1					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 2424

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12037 STATION NAME ANDOVER AFB CA YEARS 75-84 MONTH MAY
CLASS ALL WEATHER HOURS (L & T) 700-2000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	1.8	1.3	.2								1.1	4.5
NNE	1.5	.9	.4									.5	3.1
NE		.4	.2									.2	5.7
ENE	.4											.1	1.0
E	2.2	1.3	.2									3.0	3.3
ESE	.9	.9										1.8	5.4
SE	1.3	.2										.5	2.0
SSE	.4											.1	2.0
S	1.3	.2										.5	2.3
SSW	.2	.2										.1	3.0
SW	.9	.4										1.3	3.2
WSW	1.1	.4										1.5	3.0
W	2.7	1.3										3.3	2.0
WNW	1.1	2.4	.9	.4								4.5	5.6
NW	3.5	6.9	7.3	3.5	.4							21.2	7.4
NNW	3.3	4.2	9.3	6.2	.4							23.1	7.7
VARBL													
CALM												23.9	
	23.7	21.5	12.7	10.2	.9							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 451

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12 933 VANDENBERG AFB CA STATION NAME 75-54 YEARS DAY MONTH HOURS 00-1100
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.7	.5	.3								.5	2.5
NNE	.7											.7	2.5
NE			.3									.3	7.5
ENE													
E	.1											.1	3.0
ESE	.1	.1	.1									.1	4.7
SE	.1	.1										.1	3.0
SSE	.3			.1								.3	2.5
S	.3											.3	2.5
SSW		.1										.1	2.5
SW	.5	.9	.1									.5	4.4
WSW	.9	3.2	1.3									.9	2.4
W	2.7	5.0	3.2	.4								2.7	5.4
WNW	3.0	5.4	5.3	2.8	.1	.3						3.0	7.3
NW	2.1	5.2	11.9	11.2	3.0	.5						2.1	12.2
NNW	1.0	1.5	5.9	6.4	1.3	.1						1.0	12.7
VARBL													
CALM													
	12.1	27.2	23.3	21.3	4.4	1.2							

TOTAL NUMBER OF OBSERVATIONS 67

JOINT CLIMATOLOGY BRANCH
USAFETAC
10th WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1930 STATION NAME RAND WBERG AFB CA YEARS 75-84 MONTH MAY
CLASS ALL WEATHER HOURS 1400-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4	.4	.3								.2	
NNE													
NE	.1											.1	
ENE													
E													
ESE													
SE													
SSE													
S			.1									.1	
SSW													
SW		.4	.7									.2	
WSW	.1	2.4	1.3	.3								.2	.5
W	.3	5.7	9.4	1.2								.2	7.3
WNW	.9	3.9	12.5	6.4	1.5	.9						.2	13.2
NW	.4	3.3	11.5	17.3	5.2	1.2						.2	12.4
NNW		.6	2.1	5.1	2.8	.7						.2	14.2
VARBL													
CALM												.1	
	1.9	16.4	39.3	32.5	9.5	2.7						100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 664

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 11930 STATION NAME VANDENBERG AFB CA YEARS 75-84 MONTH MAY
CLASS ALL WEATHER HOURS (LST) 1000-1700
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.2	.5									1.2	5.5
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S	.2	.2											
SSW													
SW			.2	.2									
WSW	.2	.6	1.2	.2									
W	1.2	7.2	4.4	.3								11.2	6.4
WNW	1.2	3.8	7.2	4.6	1.6							12.4	7.4
NW	.4	4.8	15.4	17.6	5.2	1.5						45.2	11.9
NNW	.6	1.2	2.4	3.6	3.4	1.4						11.2	12.9
VARBL													
CALM													
	4.2	18.6	31.2	32.7	11.7	3.7							10.0

TOTAL NUMBER OF OBSERVATIONS 1000

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 937 WANDENBERG AFB CA 75-84 MAY MONTH
STATION NAME YEARS
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.9	.7	.2								2.7	5.0
NNE	.4	.2	.1									.7	3.3
NE	.2	.1	.1									.3	5.7
ENE	.1											.1	1.0
E	.5	.3	.2									.8	3.3
ESE	.2	.2	.7									.9	3.7
SE	.4	.1										.6	2.0
SSE	.2			.2								.4	4.0
S	.4	.1	.2									.7	3.3
SSW	.2	.1										.3	3.1
SW	.3	.5	.3	.2								1.2	3.3
WSW	.5	1.8	1.2	.1								3.6	5.6
W	1.5	5.3	4.7	.7								12.2	5.6
WNW	1.6	4.3	7.2	3.8	.8	.3						17.8	8.8
NW	1.5	5.1	11.6	12.9	3.8	.8						35.7	11.0
NNW	1.1	1.7	4.7	5.4	2.2	.5						10.5	11.0
VARBL													
CALM												.4	
	9.7	21.1	32.3	24.2	5.7	1.7						100	5.8

TOTAL NUMBER OF OBSERVATIONS 2297

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 932 LAJ-VBERG AFB CA STATION NAME 75-84 YEARS 1975-1977 MONTH 12-1977
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.2	2.7	2.5	.9								11.1	3.0
NNE	1.1	.2										1.3	2.2
NE													
ENE	.7											.7	2.0
E	1.6	1.1	.2									2.9	3.3
ESE	1.6	.2										1.8	2.5
SE	.5	.2										.7	2.3
SSE	.9	.2										1.1	2.2
S	1.6											1.6	2.0
SSW	.5	.5										.7	2.3
SW	2.3	.5										2.8	2.2
WSW	1.4	.5										1.9	2.1
W	2.9	1.1										4.0	2.0
WNW	1.4	2.2	1.4	.5								3.5	2.2
NW	3.4	3.6	5.1	5.2								17.5	2.0
NNW	3.5	5.2	3.4	4.1								16.2	1.9
VARBL													
CALM													
	23.5	18.1	18.5	10.5								70.4	2.2

TOTAL NUMBER OF OBSERVATIONS 14

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 937 STATION NAME WANDENBERG AFB TX YEARS 75-84 MONTH NORTH
CLASS ALL WEATHER HOURS (LST) 5-1100
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.3		.3		.1							
NNE													
NE	.1												
ENE		.1											
E													
ESE	.1												
SE													
SSE													
S	.4	.3											
SSW	.6	.3	.1										
SW	.3	.6	.1										
WSW	1.0	2.4	.7										
W	3.4	9.0	3.4	.1									
WNW	3.7	5.1	5.4	1.3									
NW	3.0	7.6	13.5	14.5	1.8								
NNW	1.2	2.1	4.0	4.5	1.3								
VARBL													
CALM													
	14.5	27.9	27.5	27.9	3.1	.1							

TOTAL NUMBER OF OBSERVATIONS 56

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12930 LANDANBERS AFB CA STATION NAME 75-84 YEARS MONTH 1-12-1960 HOURS (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	.1	.1	.1	.1						.2	14.0
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S			.7									.2	14.0
SSW		.1		.1								.2	14.0
SW	.1	.3	.4	.1								1.2	7.7
WSW		.9	1.5									2.4	7.0
W	1.2	7.9	9.3	.5								1.9	5.0
WNW	.4	4.9	10.0	5.1	.3							2.2	7.0
NW	.1	3.5	15.7	19.5	5.5							4.6	12.0
NNW		.6	2.7	4.5	1.5							1.4	12.0
VARBL													
CALM													
	1.3	13.5	42.5	3.1	3.7	.1						1.3	12.3

TOTAL NUMBER OF OBSERVATIONS 67

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 20-930 WANDENBERG AFB CA STATION NAME 75-54 YEARS 0-1700 MONTH ALL WEATHER CLASS 0-1700 HOURS (LST) CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.2	.2									
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S				.2									
SSW			.2										
SW													
WSW		1.3	1.1										
W	.7	5.5	3.2		.2								
WNW	.9	5.7	9.2	1.3	.4								
NW	.7	4.4	13.9	23.7	5.5	.7							
NNW		1.1	2.5	6.1	3.1								
VARBL													
CALM													
	2.2	12.1	36.7	31.6	12.3	.7							

TOTAL NUMBER OF OBSERVATIONS 450

JOINT CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 932 STATION NAME WYNDENBERG AFB TX YEARS 75-84 MONTH NORTH
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.7	.3	.4	.2	.1						.8	3.0
NNE	.2	.0										.2	2.0
NE	.3											.3	1.0
ENE	.1	.0										.1	2.0
E	.3	.2	.0									.5	3.0
ESE	.4	.0										.4	2.0
SE	.1	.0										.1	2.0
SSE	.2	.0										.2	2.0
S	.5	.1	.1	.0								.7	4.0
SSW	.3	.2	.1	.0								.6	4.0
SW	.5	.4	.2	.0								.6	4.0
WSW	.5	1.3	.9									1.7	5.0
W	2.1	5.5	4.5	.2	.0							12.3	5.0
WNW	1.7	4.5	5.7	2.3	.2							15.6	7.0
NW	1.7	5.0	13.9	15.0	3.9	.1						40.7	10.0
NNW	1.1	2.1	4.2	4.7	1.5							13.5	10.0
VARBL													
CALM													
	11.0	21.4	31.4	25.8	5.5	.2						100.0	

TOTAL NUMBER OF OBSERVATIONS 7273

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 12-937 VANDENBERG AFB CA STATION NAME 75-64 YEARS 0 MONTH 0
CLASS ALL WEATHER HOURS (LST) 0000-2300

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	2.5	1.2	.2								0.0	4.7
NNE													
NE													
ENE	.2												2.0
E	.7											.2	2.3
ESE	.9											.2	1.0
SE	.7											.2	1.7
SSE	.2	.2										.2	2.2
S	.5											.2	1.0
SSW	1.4	.2										1.2	2.1
SW	.2											.2	2.0
WSW	1.4	.7										.2	2.0
W	2.0	1.5										.5	2.2
WNW	3.3	.7										.5	2.3
NW	5.3	4.7	2.3	.5								1.4	4.0
NNW	5.6	4.5	5.4	.9								17.4	5.4
VARBL													
CALM												44.7	
	23.2	15.3	2.4	1.5								11.3	2.3

TOTAL NUMBER OF OBSERVATIONS 425

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 02-937 VANDENBERG AFB CA STATION NAME 75-54 YEARS NORTH
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.5	.2	.2								1.2	5.7
NNE	.0											.0	2.0
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW	.7											.0	2.0
SW	1.1	.2										1.2	2.0
WSW	1.5	3.2	.5									.1	4.3
W	5.5	17.5	4.5									25.0	4.7
WNW	3.4	9.2	5.5	.2								1.1	5.5
NW	2.3	9.3	13.7	4.4	.2							2.4	7.0
NNW	2.2	2.5	4.2	3.4	.8							12.0	2.2
VARBL													
CALM												10.1	
	17.1	35.2	23.5	8.1	.9							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 42

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12-937 STATION VANDENBERG AFB CA 75-54 YEARS NORTH
STATION NAME
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.3	.6			.2						1.1	7.8
NNE			.2										1.0
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW		.2										.2	4.0
SW		.3										.2	4.5
WSW	.2	1.1	1.4	.2								2.9	6.7
W	.6	7.5	12.4	.2								22.7	6.7
WNW	.5	7.5	14.3	1.1								23.4	7.8
NW	.2	5.0	24.6	15.4	.9							41.1	5.0
NNW	.3	.8	3.1	5.8	1.1	.3						7.4	11.7
VARBL													
CALM												.0	
	1.7	22.8	57.1	15.5	2.3	.5						100	5.7

TOTAL NUMBER OF OBSERVATIONS 537

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
NAV WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12930 STATION VANDENBERG AFB CA 75-84 YEARS MONTH 1-12-00 HOURS (LST)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.5	.2	.2	.2							1.2	5.4
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW		.2	.7										7.3
W	.7	5.8	4.2									13.7	5.2
WNW	.5	7.1	17.9	1.4								21.9	7.2
NW		7.7	37.7	14.0	1.9							34.2	9.5
NNW		.5	5.5	4.0	1.4							11.4	11.1
VARBL													
CALM													
	1.2	23.7	52.1	19.5	3.5							11.2	8.8

TOTAL NUMBER OF OBSERVATIONS 47

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12932 WANDENBERG AFB TX 75-34 YEARS 1971

ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.3	.5	.1	.3	.3						.1	.4
NNE	.2		.2									.1	.3
NE													
ENE	.2											.2	.3
E	.1											.1	2.3
ESE	.2											.2	1.1
SE	.1											.1	1.7
SSE	.2	.2										.2	2.1
S	.1											.1	1.1
SSW	.3	.1										.3	2.3
SW	.4	.1										.5	2.5
WSW	.3	1.4	.7	.2								3.7	4.4
W	2.5	5.5	5.9	.2								1.4	5.6
WNW	2.2	5.9	8.2	.7								17.1	6.5
NW	2.2	5.9	18.2	7.3	.7							3.3	8.5
NNW	2.1	2.2	4.4	3.1	.8	.1						12.5	5.8
VARBL													
CALM												1.0	
	11.7	25.2	39.7	11.3	1.5	.1						15.0	6.5

TOTAL NUMBER OF OBSERVATIONS 2134

JOINT CLIMATE LOG BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 923 RANDOLPH AFB TX STATION NAME 75-54 YEARS 4 NORTH
 CLASS ALL WEATHER
 HOURS (LST) 3-2000
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.9	2.7	.4									1.4	2.7
NNE	1.9	.4										1.2	2.3
NE	1.1											1.1	2.4
ENE	.4											.4	2.0
E	.9	.4										1.3	2.7
ESE	1.3											1.3	2.6
SE	.4	.4	.4									1.6	5.5
SSE	.9		.7									1.6	2.0
S	.4	.7										1.1	3.0
SSW	.2											.2	2.0
SW	.9											.9	1.3
WSW	.7	.4										1.1	2.4
W	4.2	.9										5.1	2.3
WNW	2.4	1.3	.2									4.0	2.1
NW	4.2	5.5	1.9	1.1								12.7	5.6
NNW	4.6	2.9	2.9	1.3	.2							10.3	5.3
VARBL													
CALM												45.7	
	30.3	14.9	5.9	2.9	.2							100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 455

JUNIPAL CLIMATOLOGY BRANCH
 USAFETAC
 311 WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 937 LAND-WEATHER AFB CA STATION NAME 75-34 YEARS MONTH 11-11-11
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.7	.5									.2	3.0
NNE	.3											.1	1.0
NE	.1											.1	2.0
ENE													
E	.1											.1	2.0
ESE	.7											.2	2.0
SE	.1		.3	.1								.1	4.3
SSE		.1	.3									.4	2.3
S	.1		.1									.3	2.0
SSW	.4	.1										.2	2.0
SW	1.2											.2	2.3
WSW	2.5	3.1	.4									.1	4.0
W	5.3	7.9	3.2									1.4	4.7
WNW	5.4	8.3	5.2	1.2								2.0	5.4
NW	5.4	8.8	7.9	3.1	.6							2.6	5.0
NNW	3.7	3.4	3.1	2.2	.4	.1						12.5	2.1
VARBL													
CALM												10.1	
	27.9	32.5	21.9	6.4	1.2	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 684

CLIMATE BRANCH
USAFETAC
AIR WEATHER SERVICE/44C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12-937 STATION VANDENBERG AFB CA 75-24 YEARS 4-7 NORTH
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.3										.3	5.0
NNE													
NE													
ENE													
E													
ESE			.1									.1	5.0
SE			.3									.3	7.0
SSE			.1	.3								.4	12.3
S													
SSW			.1									.1	7.0
SW	.1	.1	.1									.3	4.7
WSW	.3	1.5	1.3									2.1	5.0
W	.5	2.9	13.9	.1								21.5	6.0
WNW	.7	3.6	13.4	2.4	.4							20.6	7.7
NW	2.2	7.2	17.7	13.6	.9	.1						41.5	9.4
NNW	.1	1.3	2.8	1.5	1.3							6.5	10.6
VARBL													
CALM													
	4.1	23.7	45.8	17.9	2.4	.1						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 677

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 933 VANDENBERG AFB CA STATION NAME 75-84 YEARS NORTH
ALL WEATHER CLASS 0-1775 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.4		.2									
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S			.2	.2									7.0
SSW		.2											12.3
SW		.2											4.0
WSW			.2										5.0
W	.3	5.1	4.4										7.0
WNW	1.1	8.9	14.2	2.1									13.4
NW	2.5	9.5	24.1	12.5	1.5	.2							24.1
NNW	.6	2.1	2.7	3.9	1.7	.2							7.2
VARBL												11.2	11.3
CALM													
	5.3	26.4	46.1	16.6	3.2	.4						1.2	6.0

TOTAL NUMBER OF OBSERVATIONS 475

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 930 WANDENBERG AFB CA STATION NAME 75-84 YEARS 1 MONTH ALL

CLASS ALL WEATHER HOURS (L S Y.) ALL

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.3	.3	.3								.3	3.3
NNE	.4	.1										.2	2.1
NE	.3											.2	2.3
ENE	.1											.1	2.0
E	.2	.1										.2	2.2
ESE	.3		.3									.4	2.0
SE	.1	.1	.3	.3								.2	5.7
SSE	.2	.3	.2	.1								.2	5.9
S	.1	.1	.1									.2	5.0
SSW	.2	.1	.3									.2	5.3
SW	.5	.1	.3									.7	6.7
WSW	1.3	1.4	.5									.7	4.4
W	2.3	6.5	5.1	.3								14.4	5.5
WNW	2.5	7.1	3.7	1.4	.1							22.2	6.7
NW	3.9	7.8	12.9	7.7	.7	.1						33.2	5.5
NNW	2.2	2.3	2.9	2.2	.8	.1						12.2	5.4
VARBL													
CALM												1.1	
	15.7	25.6	31.1	11.5	1.7	.2						102.0	5.2

TOTAL NUMBER OF OBSERVATIONS 2289

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 937 LANDVBERG AFB CA STATION NAME YEARS MONTH 7-8 1-12
CLASS ALL WEATHER HOURS (L E Y) 3-300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	2.3	.7	.7								4.7	4.5
NNE	.9	.7	.2									1.8	4.0
NE	1.2	.2										1.4	2.0
ENE	.5		.2									.7	4.0
E	3.7	2.1										5.8	3.1
ESE	3.7	1.5	.5									5.2	3.2
SE	3.3	1.2	.5	.7								5.2	4.4
SSE	1.4											1.4	1.0
S	1.4											1.4	1.7
SSW	.7											.7	1.3
SW	.9											.9	1.0
WSW	1.4	.2										1.6	2.0
W	1.2	.5										1.7	2.3
WNW	2.5	.7	.2									3.4	1.1
NW	2.3	3.3	.9	.5								7.0	4.7
NNW	4.2	1.9	2.1	.7								8.9	5.7
VARBL													
CALM												43.0	
	33.6	14.7	5.4	2.6								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 429

JOINT CLIMATE LOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 937 AND V3545 AFB CA STATION NAME 75-34 YEARS 1952 MONTH 11
CLASS ALL WEATHER HOURS (LST) 0-1100
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	.5	.2	.2	.2							2.5	4.2
NNE	.3	.2	.5	.3								1.2	7.2
NE	.2		.5									.2	2.2
ENE	.2											.2	2.2
E	.3	.5										1.2	3.1
ESE	.2	.2		.2								.2	2.3
SE	1.1	.5	1.2	.2								.2	5.6
SSE	.3	.5	.2	.3								1.7	2.4
S	.5	.2	.5									1.1	2.2
SSW	.2	.5	.2									.2	4.7
SW	1.4	1.5	.6									.2	4.2
WSW	1.1	3.1	1.3									.2	5.7
W	5.1	3.5	3.4									17.5	4.5
WNW	4.0	5.7	2.5	.5								13.2	4.5
NW	4.4	3.9	5.8	4.0								23.2	6.2
NNW	2.5	3.5	3.2	1.7	.2							11.7	7.2
VARBL													
CALM												1.1	
	23.2	35.4	21.2	7.4	.3							11.0	5.2

TOTAL NUMBER OF OBSERVATIONS 25

CLIMATE CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 937 WANDYBERS AFB CA STATION NAME 75-84 YEARS 1950-1975 MONTH 1
 CLASS ALL WEATHER HOURS (LST) 1
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	.2	.2									.6
NNE													
NE			.2										.2
ENE													
E													
ESE		.2	.2										.3
SE													
SSE	.2	.2	.5	.9									.6
S				.5									12.3
SSW			.9	.2									.2
SW		.2	1.4	1.2									.9
WSW		.2	2.1	.2									.2
W	2.2	11.2	9.7	.9									5.5
WNW	1.7	9.5	9.9	1.8									.7
NW	1.2	9.8	14.3	7.9	1.4	.2							5.5
NNW	.3	1.7	1.5	3.4	.8								1.5
VARBL													
CALM													
	5.3	34.7	47.5	17.1	2.1	.2							

TOTAL NUMBER OF OBSERVATIONS 100

JOINT CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 930 SANDY AFB CA STATION NAME 75-54 YEARS MONTH 12-1770 HOURS (LST) CLASS ALL WEATHER CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N				.2									1.00
NNE													
NE													
ENE													
E													
ESE													
SE		.2	.2									.4	1.00
SSE			.4	.2								.2	7.7
S				.4								.1	1.00
SSW		.4										.1	1.00
SW		.2	1.9									.2	2.7
WSW	.2	1.9	1.7									.1	2.9
W	1.9	5.9	3.7									10.1	5.4
WNW	1.3	10.9	7.7	1.1								11.0	5.2
NW	1.3	13.7	14.4	4.4	1.7							4.1	5.2
NNW	2.1	4.9	5.6	4.3	1.7	.2						1.9	5.2
VARBL													
CALM													
	7.1	39.2	35.2	15.7	3.4	.2						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 450

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 937 WANDENBERG AFB CA STATION NAME 75-64 YEARS MONTH

ALL WEATHER CLASS

ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.5	.3	.7	.3							2.4	4.0
NNE	.3	.2	.2	.1								.1	0.6
NE	.3	.0	.2										0.1
ENE	.1		.3										3.0
E	1.2	.5										1.3	3.1
ESE	.8	.4	.1	.2								1.4	5.7
SE	1.2	.4	.5	.2									5.0
SSE	.5	.2	.3	.4								1.1	6.7
S	.4	.2	.1	.3									5.0
SSW	.2	.2	.4	.3									5.0
SW	.6	.6	1.3	.4								2.0	6.0
WSW	.6	2.0	1.5	.3								4.2	5.1
W	2.7	7.1	4.3	.2								1.4	5.5
WNW	2.5	7.3	5.4	1.3								1.1	5.0
NW	2.5	9.1	9.4	5.6	.8	.3						2.4	7.0
NNW	2.1	3.3	3.2	2.5	.6	.3						11.4	5.3
VARBL													
CALM												1.1	
	15.7	31.7	25.3	11.1	1.5	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 2224

JOINT CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 932 LANDVBERG AFB CA STATION NAME 75-84 YEARS MONTH 0-7
CLASS ALL-WEATHER HOURS (LST) 00-2000

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.8	2.0	.3								2.3	3.0
NNE	1.5	.2	.3	.3								2.3	5.0
NE	2.3	.5										2.3	2.0
ENE	1.5	.8	.3									2.3	3.0
E	3.1	7.1	2.0									2.2	3.0
ESE	4.5	5.3	1.3									2.2	4.0
SE	2.5	2.8	.9									2.2	4.0
SSE		.3										2.2	5.0
S	.5											2.2	2.0
SSW	.3											2.2	3.0
SW	.3											2.2	2.0
WSW	.3	.3										2.2	2.0
W	.3											2.2	2.0
WNW	.5	.3										2.2	2.0
NW	1.3	1.5	1.3									4.0	2.3
NNW	1.9	2.3	1.3	1.8								7.0	7.0
VARBL													
CALM												3.1	
	29.5	26.2	12.1	2.3								10.0	

TOTAL NUMBER OF OBSERVATIONS 22

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12937 WANDENBORGH AFB CA STATION NAME 75-84 YEARS MONTH

ALL WEATHER
CLASS

12-11-77
HOURS (L.Y.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.1	2.4	1.5	2.7	0.2							0.6	7.7
NNE	0.5	0.2	0.3	0.5								1.0	0.0
NE	0.3	0.2										0.5	2.7
ENE	0.5	0.5										1.0	3.0
E	2.4	1.7	0.2									4.3	3.7
ESE	1.5	1.6	0.2									3.3	3.4
SE	1.1	0.9	0.2	0.2								2.4	4.7
SSE	0.5	0.2	0.3	0.2								1.0	4.0
S	0.5	0.5	0.5	0.3								2.4	5.5
SSW	0.5	0.2	0.2									0.7	4.0
SW	0.2	1.4	0.3									2.0	4.2
WSW	1.3	3.2	0.6	0.2								5.1	4.0
W	2.1	5.7	1.5	0.2								10.3	4.0
WNW	3.5	3.2	1.9	0.2								9.7	4.0
NW	3.5	5.4	5.3	4.2	0.2							10.0	7.0
NNW	2.5	3.2	3.2	2.2	0.8							11.7	7.5
VARBL													
CALM												11.0	
	25.2	33.2	17.2	10.4	1.1							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 832

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 937 ANDENBERG AFB CA STATION NAME 75-66 YEARS 067 NORTH
CLASS ALL WEATHER 1-12-1400
CONDITION HOURLY (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.3		.5								.00	3.00
NNE				.3								.00	12.00
NE													
ENE													
E													
ESE				.2								.00	14.00
SE	.2	.2										.00	3.00
SSE		.2	.2	.2								.00	8.00
S			.5									.00	7.00
SSW		.2	.3	.5								.00	7.00
SW		.5	1.3	.5								.00	7.00
WSW	.2	1.9	2.7	.5								.00	7.00
W	1.0	10.3	8.4	.8								.00	5.00
WNW	1.7	7.5	5.7	1.7	.2	.2						.00	5.00
NW	1.0	8.6	13.3	11.6	3.2	.3						.00	10.00
NNW	.3	2.9	3.7	3.7	.8	.2						.00	7.00
VARBL													
CALM													
	4.4	32.5	37.2	20.3	4.1	.5						.00	5.00

TOTAL NUMBER OF OBSERVATIONS 57

JOINT CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 72937 LANDENBERG AFB TX STATION NAME 75-84 YEARS NORTH
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.4	.4	.4								1.4	7.4
NNE		.2	.4									.6	5.4
NE													
ENE													
E													
ESE													
SE													
SSE		.4	.4									.8	6.4
S		.7	.2									1.2	5.4
SSW			.2									.4	7.7
SW		1.5	.7	.2								2.4	7.1
WSW	.4	.9	1.3	.2								2.8	6.4
W	1.1	5.3	4.5									11.2	6.2
WNW	2.4	5.6	5.3	1.1								16.4	6.4
NW	2.2	12.5	14.7	12.2	1.5	.4						41.4	4.3
NNW	1.1	4.4	4.5	7.2	2.2							15.5	10.3
VARBL													
CALM												1.0	
	7.4	37.9	35.7	21.2	3.7	.4						103.0	6.3

TOTAL NUMBER OF OBSERVATIONS 457

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

932 LANDENBERG AFB TX 75-24 001 MONTH

ALL WEATHER CLASS

ALL HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.5	.9	1.1	.7							4.8	7.0
NNE	.5	.2	.3	.3								1.3	0.6
NE	.5	.1										.7	2.2
ENE	.4	.3	.3									.8	3.2
E	2.2	1.8	.4									4.5	3.6
ESE	1.3	1.5	.3	.3								.8	4.1
SE	.9	.9	.2	.3								.8	4.4
SSE	.2	.2	.2	.1								.8	5.1
S	.3	.3	.4	.1								1.1	2.2
SSW	.2	.1	.4	.1								.7	7.0
SW	.3	.9	.5	.2								2.1	4.3
WSW	.5	1.7	1.3	.2								3.0	6.0
W	1.4	3.9	4.3	.3								11.8	8.0
WNW	2.2	4.5	3.7	.9	.3	.3						11.4	5.1
NW	2.1	5.7	9.4	7.2	1.3	.2						27.2	9.1
NNW	1.4	3.2	3.3	3.6	.9	.3						12.5	3.1
VARBL													
CALM												11.0	
	15.8	30.3	25.6	14.2	2.4	.3						10.4	4.4

TOTAL NUMBER OF OBSERVATIONS 211

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12-937 WANDENBERG AFB CA STATION NAME 75-84 YEARS 1950-1975 MONTH ALL WEATHER
CLASS ALL WEATHER
CONDITION ALL WEATHER
HOURS (L.S.T.) 1200-0000

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	3.7	2.3	1.4								1.0	5.8
NNE	.5	1.4			.5							2.3	5.5
NE	2.3	.5	1.4	.5								4.0	5.2
ENE	.9	.9										1.8	5.3
E	17.1	3.3	2.3	.5								21.2	4.0
ESE	2.3	12.1	5.2	.9								17.5	5.6
SE	2.3	2.3	.5	.9	.5	.5						5.2	7.7
SSE	.5											.5	2.0
S			.9									.5	3.0
SSW													
SW													
WSW		.5										.5	6.0
W	.5	.5										.5	3.0
WNW			.9									.5	7.0
NW	.9	.5	.5				.5					2.3	5.5
NNW	1.4	1.3	2.9									5.0	5.0
VARBL													
CALM												.5	
	25.3	37.9	17.5	4.1	.9	.5	.5					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 217

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 930 STATION NAME VANDENBERG AFB CA YEARS 75-84 MONTH N
CLASS ALL WEATHER HOURS (LST) 00-1159
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	2.2	3.3	2.3	.3							21.0	2.0
NNE	.7	1.0	1.3	1.6	.3							4.0	2.0
NE	.7	.2	.7									2.0	2.0
ENE	.7	.2										2.0	2.0
E	3.4	4.6	1.0									7.0	4.0
ESE	2.1	3.6	2.1	.7								7.0	2.0
SE	3.3	2.6	1.1	.5	.7							10.2	2.0
SSE	.3	.2	.2	.2								2.0	2.0
S	.3	.2	.3	.2								2.0	2.0
SSW	.5	.3	.3									2.0	2.0
SW	.7	.9	.3									2.0	4.0
WSW	1.3	1.6	.9	.2								4.0	4.0
W	2.0	1.8	.5									4.0	4.0
WNW	.2	1.3	.3	.3	.2							4.0	5.0
NW	1.3	3.4	2.6	2.6	.3							10.0	7.0
NNW	1.5	3.3	3.1	2.1		.2						10.0	7.0
VARBL													
CALM													
	25.6	27.2	19.2	12.7	1.8	.2						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 51

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72 937 STATION WANDENBERG AFB CA STATION NAME 75-84 YEARS 4 MONTH 1
CLASS ALL WEATHER HOURS (LST) 1000-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2		2.1	1.1								1.4	2.4
NNE	.2	.3	.5	.5								1.0	2.7
NE	.2											.2	3.0
ENE													
E	.2	.2										.3	3.5
ESE	.2		.2	.5	.3	.2						1.2	15.4
SE	.2	.5	.3	.3	.2							.2	3.3
SSE			.3	.3	.3							1.0	13.7
S	.2		1.1	.7								.2	12.3
SSW		.2	1.2	.5								1.6	2.0
SW		1.2	1.3	.5								.2	2.2
WSW	.3	3.3	2.1	.3								.1	5.1
W	2.3	3.2	4.4	.5								1.2	5.0
WNW	2.1	3.7	5.5	1.5	.3		.3					1.0	7.0
NW	1.3	5.9	12.2	7.6	.7							2.4	2.9
NNW	.3	2.1	3.4	4.6	1.1							1.2	1.4
VARBL													
CALM												3.0	
	3.2	31.4	34.5	10.9	3.7	.2	.3					3.0	7.0

TOTAL NUMBER OF OBSERVATIONS 600

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72-932 STATION VANDENBERG AFB CA 75-54 MONTH NORTH
CLASS ALL WEATHER 100-1700 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.7	1.3	1.2								4.2	7.0
NNE	.3		.3	.7								1.3	7.4
NE													
ENE													
E		.2											4.0
ESE		.3	.2	.2	.8							1.0	13.0
SE		.3	.3	.5	.3	.2						1.7	13.2
SSE			.3	.3	.2							.5	13.2
S		.3	.7									1.0	7.7
SSW	.5	.7	.5	.3								2.0	7.0
SW	.3	.3	1.5									2.7	5.0
WSW	.3	1.7	.3	.3								6.0	6.0
W	2.7	4.0	1.3	.3								4.3	4.0
WNW	3.5	5.3	2.8	.3	.3	.2						12.5	5.8
NW	4.3	10.0	9.8	7.5	1.3							33.0	5.2
NNW	3.7	5.8	5.7	5.3	.2							21.2	7.6
VARBL													
CALM												6.0	
	15.7	29.8	26.7	17.5	3.2	.3						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 100

JOINT CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 937 VANDENBERG AFB CA STATION NAME 75-84 YEARS NORTH

ALL WEATHER
CLASS

HOURLY (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	2.3	1.5	.1							6.7	7.0
NNE	.4	.5	.5	.8	.1							2.0	8.0
NE	.5	.1	.3	.7								2.0	8.0
ENE	.3	.1										2.0	8.0
E	2.2	2.4	.5	.7								2.0	2.0
ESE	1.3	2.3	1.4	.5	.3	.7						5.0	7.7
SE	1.3	1.3	.5	.5	.4	.1						4.0	7.0
SSE	.3	.7	.4	.2	.1							1.2	8.0
S	.7	.1	.7	.2								1.0	8.0
SSW	.3	.3	.5	.4								1.0	7.0
SW	.3	.8	.9	.1								2.0	8.0
WSW	.7	1.8	1.1	.2								2.0	5.7
W	2.1	4.2	1.9	.2								5.0	5.0
WNW	1.9	4.6	2.8	.6	.2	.7	.1					12.0	8.0
NW	2.3	5.1	7.3	5.3	.7		.7					21.7	8.4
NNW	1.7	3.5	4.2	3.5	.4	.7						13.5	8.4
VARBL													
CALM												5.9	
	17.4	23.6	25.3	14.4	2.5	.2	.1					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 2030

U.S. AIR FORCE CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/440

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 933 STATION NAME LANDV3750 AFB CA YEARS 75-84 MONTH DEC
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	4.4	1.3	1.8								1.0	5.2
NNE	2.2	.9	.4	.4								1.0	4.7
NE	2.2	1.3	.9									4.4	2.7
ENE		.9										.7	1.0
E	4.3	11.5	5.3									21.0	4.9
ESE	5.5	12.8	4.7	.4	.4							22.2	5.1
SE	3.5	2.5	.9	1.3								10.4	5.6
SSE	.9	.4		.4	.4							2.6	5.4
S	.9	1.5										2.6	3.0
SSW	.9			.4								1.0	5.7
SW													
WSW	.4											.3	2.0
W	.4	.4										.3	2.0
WNW			.4	.4								.3	12.0
NW		.9		.9								1.7	9.7
NNW		1.3	3.1	.9								5.7	6.1
VARBL													
CALM												11.1	
	25.5	39.6	15.7	7.2	.9							11.0	4.4

TOTAL NUMBER OF OBSERVATIONS 27

U.S. AIR FORCE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12-932 SANDY BEACH AFB CA STATION NAME SANDY BEACH YEARS 75-76 MONTH 06
CLASS ALL WEATHER HOURS (L E T) 3-1100
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.9	2.3	1.9	.3							1.4	7.1
NNE	1.1	.3	1.7	.3								1.4	5.8
NE	.5	.9	.5									.2	5.1
ENE	.5	1.4	.2									.2	5.2
E	4.2	5.6	1.2	.3								11.4	4.5
ESE	5.2	7.5	2.6	.5	.5							17.1	5.1
SE	4.5	2.2	1.1	1.9	.5	.2						13.2	5.8
SSE	2.2	.5		.5			.2					3.3	5.8
S	.9	.5	.2	.5								.3	5.8
SSW	.2	.5	.3	.5								1.4	5.8
SW	.5	.3	.2									.2	5.8
WSW	.5	.5	.2									1.4	4.8
W	1.1	.9	.2									.2	4.4
WNW	1.1	1.2	.3									.2	4.8
NW	1.1	1.5	1.2	2.8	.3							1.2	8.7
NNW	1.1	1.9	2.3	2.5	.6							1.4	5.1
VARBL													
CALM												11.4	
	29.7	23.1	15.2	12.3	2.2	.2	.2					50.0	5.8

TOTAL NUMBER OF OBSERVATIONS 34

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 0930 KANDANBERG AFB CA STATION NAME 75-84 YEARS 010 MONTH 1-15-1400
 CLASS AIR 1-15-1400 HOURS (LST)
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	1.2	.5	1.2							3.2	11.2
NNE	.2	.5	.2	.5	.2							2.2	5.2
NE	.3				.2								7.7
ENE	.2	.2	.2										5.2
E	.2	.2	.3	.3								2.1	5.2
ESE	.2	.2	.3	.9	.5							2.3	11.2
SE	.3	.5	1.7	1.9	.5	.5	.2					2.5	12.2
SSE		.9	1.1	.2		.3						2.5	1.2
S	.5	.9	.9	.8								2.1	7.2
SSW	.3	.5	.5	.3	.2							2.2	7.2
SW	1.1	1.1	.2	.2	.2							2.5	2.2
WSW	1.2	5.2	1.1									7.2	5.2
W	3.1	3.9	2.2	.2								12.4	4.2
WNW	2.2	5.2	.3	.3								13.2	2.2
NW	1.5	5.0	3.1	5.5	.9							11.1	7.2
NNW	.3	2.7	3.4	6.1	1.2	.3						12.2	11.2
VARBL													
CALM													
	12.5	33.4	23.9	19.2	5.1	1.1	.2					10.2	10.2

TOTAL NUMBER OF OBSERVATIONS 14

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 17-937 LAND-NEBERG AFB CA STATION NAME 75-4 YEARS 0-6 MONTH

ALL WEATHER
CLASS

1-1-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.9	.5	1.3	.2							.5	0.0
NNE	1.7		.2									1.2	3.1
NE	.2	.6	.3	.2	.5	.2						.1	1.3
ENE	.3	.3		.2								1.2	4.5
E	.3	.5	.3	.2								1.3	0.0
ESE	.2	.6	.5	.3	.3	.2						.2	17.7
SE	.2	.5	1.5	1.7		.2	.2					3.7	11.0
SSE	.2	.5	.5	.2	.2	.5						.4	12.0
S	.2	.2	.9	.5								1.0	0.0
SSW	.5		.2		.3							.0	3.3
SW	1.3	.5	.5	.3								2.7	3.0
WSW	1.7	1.3	1.1									.5	0.0
W	3.4	3.5	1.3									.7	4.5
WNW	4.5	3.5	1.5	.5								3.1	4.0
NW	4.2	5.5	5.5	5.5	1.7	.2						23.2	0.0
NNW	4.7	4.7	5.5	5.3	.5	.3						21.7	0.5
VARBL													
CALM													
	22.8	25.2	22.3	16.7	2.9	1.4	.2					1.0	6.0

TOTAL NUMBER OF OBSERVATIONS 523

JOINT CLIMATOLOGY BRANCH
 AFMPC
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 937 WANDYBERG AFB TX STATION NAME 75-54 YEARS 0-6 MONTH 0-1
 CLASS ALL WEATHER HOURS (LST) 0-1

CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	1.5	1.7	1.5	.5							7.1	7.5
NNE	.9	.5	.8	.5	.3							6.5	5.2
NE	.6	.5	.4	.3	.2	.3						1.1	2.7
ENE	.5	.7	.1	.3								1.4	4.2
E	2.3	3.1	1.1	.2								2.4	3.5
ESE	2.5	3.9	1.5	.5	.4	.3						3.2	5.5
SE	1.8	1.3	1.4	1.5	.3	.2	.1					6.5	8.5
SSE	.8	.5	.5	.5	.1	.2	.3					2.3	9.2
S	.6	.7	.7	.5								2.4	5.9
SSW	.5	.3	.3	.3	.1							1.5	7.8
SW	.8	.5	.5	.1	.3							1.1	2.5
WSW	.9	2.2	.7									2.5	4.5
W	2.3	4.3	1.2	.3								7.5	4.5
WNW	2.3	3.3	.8	.4								5.5	4.5
NW	2.3	4.3	4.6	4.2	.7	.3						1.5	5.2
NNW	1.5	2.7	4.3	4.5	.7	.2						1.5	9.4
VARBL													
CALM													
	21.3	32.4	22.3	15.2	3.1	.8	.1					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 7133

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12-937 JANDONBORG AFB CA STATION NAME 75-84 YEARS 1 MONTH 1 DAY HOURS (LST) 1

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.2	1.2	.3	.2	.3						.3	7.2
NNE	.4	.3	.4	.2	.2							1.3	5.6
NE	.3	.2	.1	.2	.2	.2						.3	4.0
ENE	.3	.2	.7	.2	.2	.2						.3	3.7
E	1.1	1.2	.3	.2								2.7	4.2
ESE	1.2	1.5	.3	.3	.1	.2						4.0	5.1
SE	.3	.7	.6	.7	.2	.1	.2					3.1	5.0
SSE	.3	.3	.4	.4	.1	.2	.2					1.5	5.9
S	.4	.3	.4	.3	.2							1.0	7.3
SSW	.2	.3	.3	.2	.2							1.0	5.0
SW	.5	.5	.5	.2	.2							1.0	5.3
WSW	.7	1.5	1.1	.1	.2							3.0	5.7
W	1.9	5.1	3.5	.3	.2							12.2	5.7
WNW	1.7	4.5	4.8	1.5	.2	.2	.2					12.5	7.1
NW	1.9	5.6	7.9	8.5	1.8	.2	.2					27.6	9.6
NNW	1.5	2.4	3.9	4.4	1.2	.3						13.7	12.0
VARBL													
CALM													
	14.5	25.1	23.3	17.9	3.9	.7	.7					10.0	7.3

TOTAL NUMBER OF OBSERVATIONS 26567

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

70930 VANDENBERG AFB CA 75-84 2-1

INSURMENT
CLASS
CIS 200 TO 1400 FT w/ VSBY 1/2 MI OR MORE
CONDITION
AND/OR VSBY 1/2 TO 2-1/2 MI w/ CIS 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.1	.5	.0	.0							3.4	1.0
NNE	.5	.1										.6	2.0
NE	.4	.1										.4	2.0
ENE	.1	.0										.1	2.0
E	.5	.3	.1									.7	2.0
ESE	.7	.5	.3	.0	.1	.0						1.4	2.0
SE	.5	.2	.3	.2	.1	.1						1.4	7.6
SSE	.2	.2	.2	.2	.0							.7	7.6
S	.4	.3	.1	.2	.0							1.0	2.0
SSW	.7	.4	.2	.2	.1							1.1	2.0
SW	.5	.5	.4	.0								1.0	2.0
WSW	.9	1.5	.5	.1								2.1	4.0
W	3.7	5.9	3.4	.2	.0							12.0	5.0
WNW	2.7	5.9	5.8	.9	.1							15.3	6.0
NW	3.5	7.5	11.0	5.5	.5	.0						26.2	7.0
NNW	2.7	3.5	4.0	2.4	.3	.1						12.1	7.5
VARBL													
CALM												14.7	
	19.1	27.9	27.0	9.9	1.2	.3						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 512

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.

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 Airway 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.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: JAN HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE C	
NO CEIL	49.3	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	57.3	
GE 20000	52.1	61.4	61.8	61.8	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	
GE 18000	54.7	64.0	64.4	64.4	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	65.2	
GE 16000	54.7	64.0	64.4	64.4	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	65.2	
GE 14000	55.1	65.2	65.5	65.5	65.5	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.3	
GE 12000	55.8	66.3	66.7	67.0	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.8	
GE 10000	56.2	67.4	67.8	68.2	68.2	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.9	
GE 9000	57.3	68.5	68.9	69.3	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	70.0	
GE 8000	58.4	70.0	70.4	70.8	70.8	71.2	71.2	71.2	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.9	
GE 7000	58.4	70.4	70.8	71.5	71.5	71.9	71.9	71.9	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.7	
GE 6000	58.8	71.2	71.5	72.3	72.3	72.7	72.7	72.7	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.4	
GE 5000	59.2	72.3	73.4	74.2	74.2	74.5	74.5	74.5	74.5	74.9	74.9	74.9	74.9	74.9	74.9	75.3	
GE 4500	59.6	72.7	73.8	74.5	74.5	74.9	74.9	74.9	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.7	
GE 4000	59.6	73.0	74.2	74.9	74.9	75.3	75.3	75.3	75.3	75.7	75.7	75.7	75.7	75.7	75.7	76.0	
GE 3500	59.6	73.8	74.9	75.7	76.0	76.4	76.4	76.4	76.4	76.8	76.8	76.8	76.8	76.8	76.8	77.2	
GE 3000	62.2	76.4	77.5	78.3	79.0	79.4	79.4	79.4	79.4	79.8	79.8	79.8	79.8	79.8	79.8	80.1	
GE 2500	62.5	78.3	79.4	80.1	80.9	81.3	81.3	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	82.0	
GE 2000	63.7	82.4	84.3	85.0	85.9	86.1	86.1	86.1	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.9	
GE 1800	64.0	83.9	85.8	86.5	87.3	87.6	87.6	87.6	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.4	
GE 1500	64.4	85.4	87.3	88.0	89.1	89.5	89.5	89.5	89.5	90.3	90.3	90.3	90.3	90.3	90.3	90.6	
GE 1200	65.2	86.1	88.0	88.8	90.3	90.6	91.0	91.0	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.8	
GE 1000	65.2	86.1	88.0	88.8	90.3	90.6	91.0	91.0	91.0	91.8	91.8	91.8	91.8	91.8	91.8	92.1	
GE 900	65.2	86.1	88.0	89.1	91.0	91.4	91.4	91.4	91.4	92.5	92.5	92.5	92.5	92.5	92.5	92.9	
GE 800	65.2	86.1	88.0	89.5	91.4	91.8	92.1	92.1	92.1	92.9	92.9	92.9	92.9	92.9	92.9	93.3	
GE 700	65.2	86.1	88.0	89.9	91.8	92.1	92.9	92.9	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.4	
GE 600	65.2	86.5	88.8	90.6	92.5	92.5	92.5	93.6	94.0	94.4	95.1	95.1	95.1	95.1	95.1	95.5	
GE 500	65.2	86.5	88.8	90.6	92.5	92.9	93.6	94.0	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.9	
GE 400	65.2	86.5	88.8	90.6	92.5	92.9	94.4	94.9	95.5	96.3	96.3	96.3	96.6	96.6	97.0	97.4	
GE 300	65.2	86.5	88.8	90.6	92.5	92.9	94.9	95.1	95.9	97.0	97.0	97.4	97.8	97.8	98.1	98.5	
GE 200	65.2	86.5	88.8	90.6	92.5	92.9	94.9	95.1	95.9	97.0	97.0	97.8	98.1	98.1	98.5	99.3	
GE 100	65.2	86.5	88.8	90.6	92.5	92.9	94.9	95.1	95.9	97.0	97.0	97.8	98.1	98.1	98.9	99.6	
GE 0	65.2	86.5	88.8	90.6	92.5	92.9	94.9	95.1	95.9	97.0	97.0	97.8	98.1	98.1	98.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 267

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
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	51.8	56.3	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7
GE 20000	58.2	64.2	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.7	64.7	64.7	64.7
GE 18000	60.0	66.4	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.9	66.9	66.9	66.9
GE 16000	60.4	66.9	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3
GE 14000	61.9	68.5	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9
GE 12000	62.9	70.1	70.2	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1
GE 10000	64.5	72.3	72.6	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.5	73.5	73.5	73.5
GE 9000	65.0	72.7	73.0	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9
GE 8000	65.4	73.6	73.9	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9
GE 7000	66.1	74.8	75.1	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1
GE 6000	66.7	76.1	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4
GE 5000	67.9	77.9	78.2	79.3	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.2	79.2	79.2	79.2
GE 4500	68.2	78.6	78.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.1	80.1	80.1	80.1
GE 4000	69.4	80.1	80.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.7	81.7	81.7	81.7
GE 3500	70.2	81.5	82.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.6	83.6	83.6	83.6
GE 3000	70.5	82.0	82.4	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3
GE 2500	71.6	84.6	85.2	87.0	87.1	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5
GE 2000	72.3	87.4	88.1	90.0	90.3	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9
GE 1800	72.4	88.4	89.4	91.3	91.8	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.4	92.4	92.4	92.4
GE 1500	72.6	89.1	90.6	92.7	93.3	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8
GE 1200	72.6	89.3	90.9	93.0	93.5	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
GE 1000	72.7	89.7	91.5	93.4	94.1	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7
GE 900	72.7	89.9	91.5	93.5	94.3	94.6	94.6	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0
GE 800	72.7	89.9	91.5	93.5	94.3	94.6	94.6	95.0	95.0	95.0	95.0	95.0	95.2	95.2	95.2	95.2
GE 700	72.7	90.2	91.9	94.1	95.0	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7
GE 600	72.7	90.5	92.2	94.7	95.9	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.7	96.7	96.7	96.7
GE 500	72.7	90.5	92.7	95.3	96.3	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
GE 400	72.7	90.5	92.6	95.5	96.3	97.1	97.1	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
GE 300	72.7	90.5	92.6	95.5	96.3	97.1	97.1	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
GE 200	72.7	90.5	92.6	95.5	96.3	97.1	97.1	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
GE 100	72.7	90.5	92.6	95.5	96.3	97.1	97.1	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
GE 0	72.7	90.5	92.6	95.5	96.3	97.1	97.1	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8

TOTAL NUMBER OF OBSERVATIONS: 602

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: JAN HOURS(IST): 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 U
NAT CLIL	53.3	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 20000	59.7	67.9	67.9	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 18000	61.1	69.4	69.4	69.8	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 16000	61.9	70.3	70.3	70.7	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 14000	63.3	72.0	72.0	72.5	72.6	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 12000	64.6	73.8	73.8	74.4	74.5	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 10000	66.0	76.3	76.3	76.9	77.0	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 9000	66.5	76.7	76.7	77.3	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 8000	66.8	77.2	77.2	77.7	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 7000	69.7	79.5	79.6	80.4	80.5	80.5	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 6000	68.8	79.9	80.1	80.8	81.1	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 5000	69.0	81.4	81.6	82.3	82.7	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 4500	69.5	82.4	82.6	83.3	83.7	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 4000	70.1	83.6	83.7	84.5	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 3500	70.3	84.2	84.3	85.1	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 3000	71.3	85.7	85.9	86.7	87.1	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 2500	71.9	87.4	87.6	88.6	89.0	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2000	72.1	89.0	89.6	90.5	90.9	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1800	74.1	91.1	91.8	92.7	93.1	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1500	74.5	91.8	93.1	94.0	94.4	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1200	75.0	92.2	93.6	94.4	94.9	95.0	95.0	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1000	75.1	92.8	94.1	95.0	95.5	95.6	95.6	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 900	75.1	93.4	94.9	95.8	96.2	96.3	96.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 800	75.5	94.1	95.6	96.5	96.9	97.1	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 700	75.5	94.3	95.8	96.6	97.1	97.2	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 600	75.5	94.6	96.0	96.9	97.4	97.5	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 500	75.5	94.9	96.3	97.2	98.0	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 400	75.5	94.9	96.3	97.2	98.1	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 300	75.5	94.9	96.3	97.2	98.1	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 200	75.5	94.9	96.3	97.2	98.1	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 100	75.5	94.9	96.3	97.2	98.1	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 0	75.5	94.9	96.3	97.2	98.1	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS: 603

GLOBAL CLIMATOLOGY BRANCH
USAF/CLTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: JAN HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	10	6	5	4	3	2	1 1/2	1	3/4	1/2	5/8	1/2	5/16	1/4	1/8	1/16	0
NO CEIL	53.7	57.9	57.9	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 20000	62.1	68.2	68.5	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3
GE 18000	62.9	69.3	69.6	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5
GE 16000	64.5	69.9	70.2	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1
GE 14000	64.7	71.3	71.6	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.5	72.5	72.5	72.5
GE 12000	65.9	73.4	73.7	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.6	74.6	74.6	74.6
GE 10000	67.0	74.9	75.4	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.5
GE 9000	67.3	75.4	76.0	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.1	77.1	77.1	77.1
GE 8000	68.2	76.3	76.9	77.7	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
GE 7000	69.2	78.0	78.7	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.8	79.8	79.8	79.8
GE 6000	69.6	78.7	79.6	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8
GE 5000	70.1	80.2	81.3	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.3	82.3	82.3	82.3
GE 4500	70.4	80.7	81.7	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.7	82.7	82.7	82.7
GE 4000	70.8	81.1	82.1	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.2	83.2	83.2	83.2
GE 3500	71.3	81.5	82.6	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6
GE 3000	71.9	82.4	83.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0	85.0	85.0	85.0
GE 2500	73.7	85.1	86.2	87.9	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5
GE 2000	73.8	86.2	87.5	89.6	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.5	90.5	90.5	90.5
GE 1800	74.4	87.5	88.8	90.9	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.3	92.3	92.3	92.3
GE 1600	74.9	88.5	90.0	92.3	93.2	93.5	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9
GE 1400	75.1	89.0	90.5	92.7	93.6	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.5	94.5	94.5	94.5
GE 1200	75.4	89.3	90.8	93.0	93.9	94.2	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.9	94.9	94.9	94.9
GE 1000	75.9	90.2	92.0	94.2	95.1	95.4	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.4	96.4	96.4	96.4
GE 900	76.2	90.5	92.6	94.8	95.7	96.0	96.4	96.7	96.7	96.7	96.7	96.7	96.7	97.0	97.0	97.0	97.0
GE 800	76.2	90.5	92.6	94.8	95.7	96.0	96.4	96.7	96.7	96.7	96.7	96.7	96.7	97.0	97.0	97.0	97.0
GE 700	76.2	90.5	92.6	94.8	95.7	96.0	96.4	96.7	96.7	96.7	96.7	96.7	96.7	97.0	97.0	97.0	97.0
GE 600	76.2	90.8	92.9	95.1	96.0	96.3	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.3	97.3	97.3	97.3
GE 500	76.2	90.8	92.9	95.1	96.1	96.4	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.5	97.5	97.5	97.5
GE 400	76.3	91.1	93.2	95.4	96.4	96.7	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.9	97.9	97.9	97.9
GE 300	76.3	91.1	93.2	95.4	96.4	96.9	97.3	97.6	97.6	97.6	97.6	97.6	97.6	98.1	98.1	98.1	98.1
GE 200	76.3	91.1	93.2	95.4	96.4	96.9	97.3	97.6	97.6	97.6	97.6	97.6	97.6	98.2	98.2	98.2	98.2
GE 100	76.3	91.1	93.2	95.4	96.4	96.9	97.3	97.6	97.6	97.6	97.6	97.6	97.6	98.2	98.2	98.2	98.2
GE 0	76.3	91.1	93.2	95.4	96.4	96.9	97.3	97.6	97.6	97.6	97.6	97.6	97.6	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS: 672

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: JAN HOURS(LST): ALL

CEILING FEET	VISIBILITY IN STATUTE MILES															
	1 1/2	1	3/4	5/8	1/2	3/8	1/4	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4
NO CEIL	57.4	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 20000	59.1	66.1	66.3	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9
GE 18000	60.5	67.9	68.0	68.4	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7
GE 16000	61.1	68.4	68.6	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2
GE 14000	62.3	70.0	70.1	70.5	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 12000	63.5	71.7	71.9	72.5	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 10000	64.7	73.7	74.0	74.6	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9
GE 9000	65.2	74.2	74.5	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4
GE 8000	65.8	75.0	75.3	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.4
GE 7000	66.9	76.6	77.0	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1
GE 6000	67.3	77.4	77.9	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.1
GE 5000	67.8	78.9	79.5	80.3	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7
GE 4500	68.2	79.6	80.2	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.5
GE 4000	68.9	80.6	81.2	82.0	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.5
GE 3500	69.3	81.4	82.0	83.0	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.5
GE 3000	70.2	82.6	83.2	84.3	84.6	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.9	84.9	84.9
GE 2500	71.2	84.9	85.6	86.9	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.7
GE 2000	72.0	86.9	87.9	89.5	89.9	90.1	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.4	90.4	90.4
GE 1800	72.5	88.4	89.5	91.1	91.7	91.9	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.2
GE 1500	72.9	89.3	90.8	92.4	93.1	93.3	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.8
GE 1200	73.2	89.7	91.2	92.8	93.6	93.8	94.0	94.2	94.2	94.3	94.3	94.3	94.3	94.4	94.4	94.4
GE 1000	73.4	90.1	91.6	93.2	94.0	94.3	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.9	94.9	94.9
GE 900	73.5	90.6	92.2	93.9	94.7	95.0	95.3	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.8
GE 800	73.7	90.9	92.6	94.3	95.1	95.4	95.7	96.0	96.0	96.1	96.1	96.1	96.1	96.2	96.2	96.3
GE 700	73.7	91.0	92.8	94.6	95.4	95.7	96.1	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.8
GE 600	73.7	91.3	93.1	95.0	96.0	96.2	96.7	97.1	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.4
GE 500	73.7	91.4	93.4	95.3	96.4	96.7	97.1	97.6	97.7	97.8	97.9	97.9	98.0	98.0	98.0	98.0
GE 400	73.7	91.5	93.5	95.4	96.7	96.9	97.4	97.9	98.0	98.2	98.3	98.3	98.6	98.7	98.7	98.7
GE 300	73.7	91.5	93.5	95.4	96.7	97.0	97.6	98.0	98.1	98.3	98.5	98.6	98.7	99.0	99.0	99.2
GE 200	73.7	91.5	93.5	95.4	96.7	97.0	97.6	98.1	98.3	98.6	98.7	98.8	99.2	99.2	99.3	99.7
GE 100	73.7	91.5	93.5	95.4	96.7	97.0	97.6	98.1	98.3	98.6	98.7	98.8	99.3	99.3	99.5	99.9
GE 0	73.7	91.5	93.5	95.4	96.7	97.0	97.6	98.1	98.3	98.6	98.7	98.8	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 2104

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: FEB HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	10	6	5	4	3	2	1 1/2	1	1/2	1 1/4	1	3/4	5/8	1/2	5/16
NO CEIL	44.6	48.8	49.2	49.2	49.2	49.2	49.2	49.6	49.6	49.6	50.0	50.0	50.0	50.0	50.4	50.8
GE 2000	50.4	56.7	57.1	57.1	57.1	57.1	57.1	57.9	57.9	57.9	58.3	58.3	58.3	58.8	59.2	59.6
GE 1800	50.4	56.7	57.5	57.5	57.5	57.5	57.5	58.3	58.3	58.3	58.8	58.8	58.8	59.2	59.6	60.0
GE 1600	50.4	56.7	57.5	57.5	57.5	57.5	57.5	58.3	58.3	58.3	58.8	58.8	58.8	59.2	59.6	60.0
GE 1400	50.4	57.1	57.9	57.9	57.9	57.9	57.9	58.8	58.8	58.8	59.2	59.2	59.2	59.6	60.0	60.8
GE 1200	52.1	59.2	60.0	60.0	60.0	60.0	60.0	60.8	60.8	60.8	61.3	61.3	61.3	61.7	62.1	62.9
GE 1000	52.9	60.0	60.8	61.3	61.3	61.3	61.3	62.1	62.1	62.1	62.5	62.5	62.5	62.9	63.3	64.2
GE 900	52.9	60.0	60.8	61.3	61.3	61.3	61.3	62.1	62.1	62.1	62.5	62.5	62.5	62.9	63.3	64.2
GE 800	53.3	60.4	61.3	61.7	61.7	61.7	61.7	62.5	62.5	62.5	62.9	62.9	62.9	63.3	63.8	64.6
GE 700	54.2	61.3	62.1	62.5	62.5	62.5	62.5	63.8	64.2	64.2	64.6	64.6	64.6	65.0	65.4	66.3
GE 600	55.0	62.5	63.3	64.2	64.6	64.6	64.6	65.4	65.8	65.8	66.3	66.3	66.3	66.7	67.1	67.9
GE 500	55.8	63.3	64.6	65.8	66.3	66.3	66.3	67.1	67.5	67.5	67.9	67.9	67.9	68.3	68.8	69.6
GE 450	55.8	64.2	65.4	66.7	67.1	67.1	67.1	67.9	68.3	68.3	68.8	68.8	68.8	69.2	69.6	70.4
GE 400	56.3	65.4	66.7	67.9	68.3	68.3	68.3	69.2	69.6	69.6	70.0	70.0	70.0	70.4	70.8	71.7
GE 350	57.1	68.8	70.0	71.3	71.7	71.7	71.7	72.5	72.9	72.9	73.3	73.3	73.3	73.8	74.2	75.0
GE 300	58.3	71.7	73.3	74.6	75.0	75.0	75.0	75.8	76.3	76.3	76.7	76.7	76.7	77.1	77.5	78.3
GE 250	58.3	72.9	74.6	75.8	76.3	76.3	76.3	77.1	77.5	77.5	77.9	77.9	77.9	78.3	78.8	79.6
GE 200	58.8	74.2	75.8	77.9	78.3	78.3	78.3	79.2	79.6	79.6	80.0	80.0	80.0	80.4	80.8	81.7
GE 180	59.2	75.0	76.7	78.8	79.6	79.6	79.6	80.4	80.8	80.8	81.3	81.3	81.3	81.7	82.1	82.9
GE 150	61.3	77.5	79.2	81.7	82.5	82.5	82.5	83.3	83.8	83.8	84.2	84.2	84.2	84.6	85.0	85.8
GE 120	61.7	78.3	80.0	82.9	83.8	83.8	83.8	84.6	85.0	85.0	85.4	85.4	85.4	85.8	86.3	87.1
GE 100	61.7	79.2	81.3	84.2	85.4	85.4	85.4	86.3	86.7	86.7	87.1	87.1	87.1	87.5	87.9	88.8
GE 90	61.7	80.4	82.5	85.4	86.7	86.7	86.7	87.5	87.9	87.9	88.3	88.3	88.3	88.8	89.2	90.0
GE 80	61.7	80.4	82.5	85.4	86.7	86.7	86.7	87.5	87.9	87.9	88.3	88.3	88.3	88.8	89.2	90.0
GE 70	61.7	80.4	82.5	85.4	86.7	86.7	86.7	87.5	87.9	87.9	88.3	88.3	88.3	88.8	89.2	90.0
GE 60	61.7	80.4	82.5	85.4	86.7	86.7	86.7	87.5	87.9	87.9	88.3	88.3	88.3	88.8	89.2	90.0
GE 50	61.7	80.8	83.3	87.9	89.6	89.6	89.6	90.4	90.8	90.8	91.7	91.7	91.7	92.1	92.5	93.3
GE 40	61.7	80.8	83.3	87.9	89.6	89.6	89.6	90.4	90.8	90.8	91.7	91.7	91.7	92.1	92.5	93.3
GE 30	61.7	81.3	83.8	88.8	91.3	91.3	91.3	92.5	92.9	92.9	94.2	94.2	94.2	94.6	95.0	95.8
GE 20	61.7	81.3	83.8	88.8	91.3	91.3	91.3	92.5	92.9	92.9	94.2	94.2	94.2	94.6	95.0	95.8
GE 10	61.7	81.3	83.8	88.8	91.3	91.3	91.3	92.5	92.9	92.9	94.2	94.2	94.2	94.6	95.0	95.8
GE 0	61.7	81.3	83.8	88.8	91.3	91.3	91.3	92.5	92.9	92.9	94.2	94.2	94.2	94.6	95.0	95.8

TOTAL NUMBER OF OBSERVATIONS: 240

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: FEB HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	5/8	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4
NO CEIL	47.4	54.5	55.5	56.1	56.6	56.6	56.6	56.6	56.8	56.8	56.8	56.9	56.9	56.9	56.9	57.1
GE 2000	51.2	62.7	63.7	64.5	65.0	65.0	65.3	65.4	65.4	65.4	65.4	65.6	65.6	65.6	65.6	65.9
GE 1800	51.4	63.3	64.3	65.1	65.6	65.6	65.9	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.6
GE 1600	51.4	63.3	64.3	65.1	65.6	65.6	65.9	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.6
GE 1400	54.2	64.3	65.3	66.1	66.6	66.6	66.9	67.0	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.5
GE 1200	55.0	65.6	66.7	67.5	68.0	68.0	68.3	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	69.0
GE 1000	55.9	67.1	68.2	69.1	69.6	69.6	69.9	70.1	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.6
GE 900	55.9	67.4	68.3	69.3	69.9	69.9	70.1	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.7
GE 800	56.3	67.6	68.6	69.6	70.4	70.4	71.1	71.2	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.7
GE 700	56.4	68.3	69.5	70.4	71.1	71.4	71.7	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.3
GE 600	57.4	69.1	70.1	71.1	71.7	72.0	72.3	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	73.0
GE 500	58.2	69.9	71.1	72.3	73.0	73.3	73.6	73.8	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.3
GE 450	59.5	71.2	72.3	73.6	74.3	74.6	74.9	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.6
GE 400	59.5	72.5	74.1	75.6	76.2	76.5	76.8	77.0	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.5
GE 350	60.0	74.1	75.6	77.5	78.1	78.5	78.8	78.9	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.4
GE 300	61.7	76.7	78.2	80.4	81.0	81.4	81.7	81.8	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.3
GE 250	62.5	78.5	80.2	82.5	83.1	83.4	83.8	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.4
GE 200	64.6	81.8	84.2	86.5	87.1	87.6	87.9	88.1	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.6
GE 180	65.3	83.0	85.4	87.6	88.3	88.7	89.1	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.7
GE 150	65.8	83.9	86.8	89.4	90.2	91.0	91.3	91.5	91.5	91.5	91.6	91.8	91.8	91.8	91.8	92.1
GE 120	66.1	84.7	87.6	90.4	91.2	92.0	92.3	92.4	92.4	92.4	92.6	92.8	92.8	92.8	92.8	93.1
GE 100	66.2	84.9	87.9	90.7	91.5	92.4	92.8	92.9	92.9	92.9	93.1	93.2	93.2	93.2	93.2	93.6
GE 90	66.6	85.2	88.3	91.0	92.0	92.9	93.2	93.4	93.4	93.4	93.6	93.7	93.7	93.7	93.7	94.1
GE 80	66.6	85.2	88.3	91.3	92.3	93.2	93.6	93.7	93.7	93.7	93.9	94.1	94.1	94.1	94.1	94.4
GE 70	66.6	85.5	88.6	92.0	92.9	93.9	94.2	94.4	94.4	94.4	94.5	94.7	94.7	94.7	94.7	95.0
GE 60	66.6	85.7	88.9	92.6	93.9	94.9	95.5	95.7	95.7	95.7	96.0	96.1	96.1	96.1	96.1	96.5
GE 50	66.6	86.0	89.2	93.4	94.9	95.8	96.5	96.8	96.9	97.3	97.4	97.4	97.4	97.4	97.4	97.7
GE 40	66.6	86.2	89.5	94.1	95.7	96.6	97.4	97.7	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.9
GE 30	66.6	86.2	89.5	94.4	96.1	97.1	97.9	98.6	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.7
GE 20	66.6	86.2	89.5	94.4	96.1	97.1	97.9	98.6	98.7	99.0	99.2	99.2	99.2	99.2	99.2	100.0
GE 10	66.6	86.2	89.5	94.4	96.1	97.1	97.9	98.6	98.7	99.0	99.2	99.2	99.2	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 622

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: FEB HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	5/8	1	5/8	1	5/8	1	5/8	1	5/8	1	5/8	1	5/8	1	5/8
NO CEIL	61.5	59.8	60.7	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 2000	58.1	68.4	69.7	70.4	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 1800	58.1	68.9	70.2	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 1600	59.5	69.4	70.7	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 1400	59.4	70.5	71.8	72.5	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 1200	60.7	72.0	73.3	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 1000	61.2	73.0	74.3	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 900	61.2	73.0	74.3	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 800	62.2	74.1	75.4	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 700	62.7	74.6	75.9	76.5	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 600	63.4	75.4	76.7	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
GE 500	63.5	75.6	76.9	77.5	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 450	63.7	76.4	77.7	78.3	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 400	64.7	77.9	79.2	80.0	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 350	65.5	79.2	80.6	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 300	67.3	81.6	83.2	84.5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 250	68.7	82.9	84.5	86.2	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 200	70.7	86.0	87.6	89.4	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 180	71.7	87.1	88.9	90.6	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 150	71.9	88.3	90.6	92.2	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 120	72.0	88.8	91.5	93.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 100	72.0	89.1	92.0	94.0	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 90	72.0	89.3	92.2	94.5	95.6	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 80	72.0	89.3	92.2	94.5	95.6	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 70	72.0	89.3	92.2	94.6	95.9	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 60	72.0	89.7	92.6	95.3	96.6	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 50	72.0	89.7	92.8	95.4	96.7	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 40	72.0	89.9	93.0	95.9	97.4	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 30	72.0	89.9	93.0	95.9	97.4	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 20	72.0	89.9	93.2	96.1	97.9	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 10	72.0	89.9	93.2	96.1	97.9	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 0	72.0	89.9	93.2	96.1	97.9	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS: 614

GLOBAL CLIMATOLOGY BRANCH
USAF/ATC
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 721930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84

MONTH: FEB HOURS/DAYS: 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/10	GE 1/4	GE 1/8	GE 1/16	GE 1/32	GE 1/64
NO CEIL	42.8	50.0	51.5	51.6	52.3	52.3	52.3	52.3	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 20000	49.7	59.9	62.2	62.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 18000	53.2	60.1	63.2	63.7	64.6	64.6	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 16000	53.2	61.0	63.3	63.6	64.5	64.6	64.6	64.6	64.6	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 14000	51.0	62.0	64.3	64.8	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
GE 12000	52.1	64.1	66.4	66.9	67.9	67.9	67.9	67.9	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 10000	53.6	65.6	67.9	68.4	69.4	69.4	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 9000	53.6	65.6	67.9	68.4	69.4	69.4	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 8000	54.4	66.8	69.2	69.7	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	70.9
GE 7000	55.1	67.6	70.1	70.6	71.5	71.5	71.5	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 6000	55.6	68.3	70.7	71.2	72.2	72.2	72.2	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 5000	56.1	69.1	71.5	72.0	73.0	73.0	73.0	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 4500	56.9	70.2	72.7	73.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 4000	57.2	71.1	73.5	74.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 3500	58.1	72.4	74.8	75.7	76.6	76.6	76.6	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 3000	59.9	76.3	78.5	79.8	80.9	80.9	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 2500	50.2	76.6	79.6	80.6	81.7	81.9	81.9	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 2000	62.5	79.6	82.9	84.0	85.5	85.7	85.7	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1800	63.3	80.6	83.9	85.0	86.7	86.8	86.8	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1500	64.8	82.7	86.3	87.8	89.6	89.8	89.8	89.8	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1200	65.6	83.6	87.5	88.8	90.6	91.1	91.1	91.1	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1000	66.0	84.2	88.0	89.5	91.3	91.8	91.8	91.8	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 900	66.0	84.5	88.3	89.8	91.4	91.9	91.9	91.9	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 800	66.0	84.7	88.5	90.1	92.1	92.6	92.6	92.6	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 700	66.0	85.7	89.5	91.4	93.4	93.9	93.9	93.9	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 600	66.0	85.9	89.6	91.4	93.4	93.9	93.9	93.9	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 500	66.0	86.2	90.3	93.1	95.1	95.6	95.6	95.6	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 400	66.0	86.2	90.3	93.3	95.2	95.7	95.7	95.7	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 300	66.0	86.3	90.5	93.4	95.6	96.2	96.2	96.2	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 200	66.0	86.3	91.5	93.4	95.6	96.2	96.2	96.2	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 100	66.0	86.3	90.5	93.4	95.6	96.2	96.2	96.2	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 0	66.0	86.3	90.5	93.4	95.6	96.2	96.2	96.2	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7

TOTAL NUMBER OF OBSERVATIONS: 508

AD-A159 635 VANDENBERG AFB CALIFORNIA LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARY ((U)) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. JUN 85
UNCLASSIFIED USAFETAC/DS-85/020 F/G 4/2

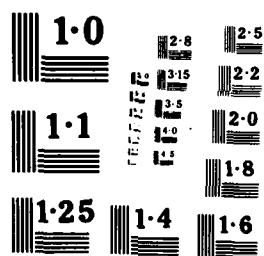
VANDENBERG AFB CALIFORNIA LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARY (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. JUN 85
USAFETAC/DS-85/020 F/G 4/2

2/8

UNCLASSIFIED

F/G 4/2

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723937 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: FEB HOURS (LST): ALL

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	46.9	54.1	55.1	55.5	55.8	55.8	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.1	56.1	56.2		
GE 20000	53.3	62.9	64.3	64.8	65.3	65.3	65.5	65.5	65.5	65.6	65.7	65.7	65.7	65.8	65.8	66.0		
GE 18000	53.5	63.5	64.9	65.5	66.0	66.0	66.2	66.2	66.2	66.3	66.4	66.4	66.4	66.5	66.5	66.7		
GE 16000	53.6	63.7	65.1	65.7	66.2	66.2	66.4	66.4	66.4	66.5	66.6	66.6	66.6	66.7	66.7	66.9		
GE 14000	54.4	64.6	66.1	66.7	67.1	67.1	67.3	67.4	67.4	67.5	67.5	67.5	67.6	67.6	67.7	67.9		
GE 12000	55.5	66.4	67.8	68.4	68.9	68.9	69.0	69.1	69.1	69.2	69.2	69.2	69.3	69.3	69.4	69.6		
GE 10000	56.5	67.6	69.0	69.7	70.2	70.2	70.4	70.4	70.4	70.5	70.6	70.6	70.6	70.7	70.8	71.0		
GE 9000	56.5	67.7	69.1	69.8	70.2	70.2	70.4	70.5	70.5	70.6	70.6	70.6	70.7	70.7	70.8	71.0		
GE 8000	57.1	68.5	70.0	70.7	71.3	71.4	71.5	71.6	71.6	71.7	71.7	71.7	71.8	71.8	71.9	72.1		
GE 7000	57.7	69.1	70.7	71.4	72.0	72.1	72.3	72.4	72.4	72.5	72.5	72.5	72.6	72.6	72.7	72.9		
GE 6000	58.3	69.9	71.4	72.2	72.8	72.9	73.1	73.2	73.2	73.3	73.4	73.4	73.4	73.5	73.6	73.8		
GE 5000	58.9	70.6	72.2	73.0	73.7	73.8	74.0	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.4	74.6		
GE 4500	59.3	71.6	73.2	74.1	74.8	74.9	75.0	75.1	75.1	75.2	75.3	75.3	75.3	75.4	75.5	75.7		
GE 4000	60.0	72.9	74.6	75.6	76.2	76.3	76.5	76.6	76.6	76.7	76.8	76.8	76.8	76.9	77.0	77.2		
GE 3500	60.7	74.5	76.2	77.5	78.2	78.3	78.5	78.6	78.6	78.7	78.8	78.8	78.9	79.0	79.1	79.3		
GE 3000	62.4	77.4	79.4	80.8	81.5	81.6	81.8	81.9	81.9	82.0	82.0	82.0	82.1	82.1	82.2	82.4		
GE 2500	63.1	78.6	80.7	82.2	83.0	83.2	83.3	83.4	83.4	83.5	83.6	83.6	83.6	83.7	83.8	84.0		
GE 2000	65.1	81.5	83.9	85.7	86.5	86.7	86.9	87.0	87.0	87.1	87.1	87.1	87.2	87.2	87.3	87.5		
GE 1800	65.9	82.6	85.0	86.7	87.7	87.9	88.1	88.2	88.2	88.3	88.4	88.4	88.4	88.5	88.6	88.8		
GE 1500	66.7	84.1	86.9	88.9	90.0	90.3	90.5	90.6	90.6	90.8	90.9	90.9	90.9	91.0	91.1	91.3		
GE 1200	67.2	84.8	87.8	89.9	91.1	91.6	91.7	92.0	92.0	92.2	92.3	92.3	92.3	92.4	92.5	92.7		
GE 1000	67.3	85.3	88.4	90.5	91.8	92.3	92.5	92.8	92.8	93.0	93.1	93.1	93.1	93.2	93.3	93.5		
GE 900	67.4	85.7	88.8	91.0	92.4	92.9	93.1	93.4	93.4	93.6	93.7	93.7	93.8	93.8	93.9	94.1		
GE 800	67.4	85.7	88.8	91.2	92.6	93.1	93.3	93.6	93.6	93.8	93.9	93.9	94.0	94.0	94.1	94.3		
GE 700	67.4	86.1	89.3	91.9	93.4	93.9	94.1	94.4	94.4	94.6	94.7	94.7	94.8	94.8	94.9	95.1		
GE 600	67.4	86.3	89.6	92.5	94.0	94.6	95.0	95.2	95.2	95.5	95.6	95.6	95.6	95.7	95.8	96.0		
GE 500	67.4	86.6	89.9	93.3	94.9	95.4	95.9	96.2	96.3	96.7	96.8	96.8	96.8	96.9	97.0	97.3		
GE 400	67.4	86.7	90.1	93.7	95.4	96.0	96.5	96.8	96.9	97.3	97.5	97.5	97.5	97.6	97.7	98.1		
GE 300	67.4	86.8	90.2	93.9	95.9	96.5	97.1	97.5	97.6	98.1	98.2	98.2	98.3	98.4	98.5	99.0		
GE 200	67.4	86.8	90.2	94.0	95.9	96.5	97.1	97.6	97.7	98.2	98.4	98.4	98.5	98.6	98.7	99.1		
GE 100	67.4	86.8	90.2	94.0	95.9	96.5	97.1	97.6	97.7	98.2	98.4	98.4	98.6	98.7	99.1	100.0		
GE 0	67.4	86.8	90.2	94.0	95.9	96.5	97.1	97.6	97.7	98.2	98.4	98.4	98.6	98.7	99.1	100.0		

TOTAL NUMBER OF OBSERVATIONS: 2064

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/4	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	43.2	51.6	51.6	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	53.0	53.3
GE 20000	46.7	56.8	57.5	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.5	58.9
GE 18000	47.0	57.1	57.8	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.9	59.2
GE 16000	47.0	57.1	57.8	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.9	59.2
GE 14000	47.4	57.5	58.2	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.2	59.6
GE 12000	49.4	58.9	59.6	59.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.6	61.0
GE 10000	50.9	61.7	62.4	62.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.4	63.8
GE 9000	50.9	61.7	62.4	62.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.4	63.8
GE 8000	51.6	62.4	63.1	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.1	64.5
GE 7000	52.3	63.4	64.1	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	65.2	65.5
GE 6000	52.3	63.4	64.1	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	65.2	65.5
GE 5000	54.4	65.5	66.2	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.2	67.6
GE 4500	55.1	66.9	67.9	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	69.0	69.3
GE 4000	55.7	67.6	68.6	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.7	70.0
GE 3500	56.8	69.0	70.0	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	71.1	71.4
GE 3000	58.2	72.8	74.6	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	76.0	76.3
GE 2500	60.6	76.7	78.4	79.1	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	80.1	80.5
GE 2000	62.0	80.8	82.6	83.3	84.0	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.7	85.0
GE 1800	62.0	81.2	82.9	84.3	85	85.0	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	86.1	86.4
GE 1500	63.4	83.3	85.0	86.4	87.1	87.1	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.2	88.5
GE 1200	64.5	84.7	86.8	88.9	89.9	89.9	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.9	91.3
GE 1000	64.5	85.7	87.8	89.9	90.9	90.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.3	92.7
GE 900	64.5	86.1	88.2	90.6	91.6	91.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	93.0	93.4
GE 800	64.5	86.4	88.5	90.9	92.0	92.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.4	93.7
GE 700	64.5	86.4	88.5	90.9	92.0	92.0	93.0	93.0	93.0	93.0	93.0	93.0	93.4	93.4	93.7	94.1
GE 600	64.5	86.8	88.9	91.3	92.3	92.7	93.7	93.7	93.7	93.7	93.7	93.7	94.1	94.1	94.4	94.8
GE 500	64.5	86.8	89.2	91.6	92.7	93.0	94.4	94.4	94.4	94.4	94.4	94.8	95.5	95.5	95.8	96.5
GE 400	64.5	86.8	89.2	92.0	93.0	93.4	94.8	94.8	94.8	94.8	94.8	95.1	95.8	95.8	96.2	96.9
GE 300	64.5	87.1	89.5	92.3	94.1	94.4	95.8	95.8	95.8	95.8	96.2	96.5	97.6	97.6	97.9	98.6
GE 200	64.5	87.5	89.9	92.7	94.4	94.8	96.2	96.2	96.2	96.2	96.5	96.9	97.9	97.9	98.6	100.0
GE 100	64.5	87.5	89.9	92.7	94.4	94.8	96.2	96.2	96.2	96.2	96.5	96.9	97.9	97.9	98.6	100.0
GE 0	64.5	87.5	89.9	92.7	94.4	94.8	96.2	96.2	96.2	96.2	96.5	96.9	97.9	97.9	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 267

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE J
NO CEIL	47.5	52.9	53.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.6	53.6
GE 20000	52.9	59.9	60.3	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.9	60.9
GE 18000	53.2	60.2	60.6	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.2	61.2
GE 16000	53.2	60.3	60.7	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3
GE 14000	53.6	60.7	61.2	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7
GE 12000	54.5	62.3	62.7	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.2
GE 10000	57.0	65.4	66.3	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8
GE 9000	57.3	65.7	66.5	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.1	67.1
GE 8000	58.4	67.1	67.9	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.5	68.5
GE 7000	59.0	68.0	69.0	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.6	69.6
GE 6000	59.2	68.5	69.4	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	70.0	70.0
GE 5000	61.3	70.7	71.6	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.2	72.2
GE 4500	63.6	74.4	75.3	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9
GE 4000	64.3	75.3	76.3	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.9	76.9
GE 3500	65.4	76.6	78.0	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5
GE 3000	67.9	81.0	82.5	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.1	83.1
GE 2500	69.7	82.9	84.6	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.3	85.3
GE 2000	71.3	85.4	87.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.6	88.6
GE 1800	71.6	86.1	87.7	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.3	89.3
GE 1500	72.7	88.6	90.5	91.6	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.3	92.3
GE 1200	73.4	89.8	91.9	93.3	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2
GE 1000	73.6	90.4	92.7	94.1	95.0	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7
GE 900	73.7	90.9	93.4	94.8	95.7	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.6	96.6
GE 800	73.7	91.0	93.5	95.0	96.0	96.3	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1
GE 700	73.7	91.0	93.5	95.2	96.1	96.4	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2
GE 600	73.8	91.6	94.2	95.9	96.8	97.1	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.1	98.1
GE 500	74.0	92.0	94.6	96.7	97.7	97.9	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0
GE 400	74.1	92.3	94.5	97.0	97.9	98.2	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
GE 300	74.2	92.4	95.0	97.1	98.1	98.3	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.6	99.6
GE 200	74.2	92.4	95.0	97.1	98.1	98.3	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.7	100.0
GE 100	74.2	92.4	95.0	97.1	98.1	98.3	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.7	100.0
GE 0	74.2	92.4	95.0	97.1	98.1	98.3	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 726

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
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	51.2	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 20000	57.5	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 18000	57.8	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 16000	57.9	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 14000	57.9	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 12000	58.5	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 10000	60.4	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 9000	60.4	68.0	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 8000	62.4	69.9	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	63.2	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 6000	63.5	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 5000	65.3	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 4500	66.9	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 4000	68.1	77.6	78.0	78.0	78.0	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 3500	69.5	79.4	80.1	80.1	80.1	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 3000	72.3	82.9	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 2500	73.4	84.6	86.0	86.0	86.0	86.0	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 2000	75.0	87.3	89.1	89.1	89.1	89.1	89.1	89.7	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2
GE 1800	75.4	88.0	89.8	90.1	90.6	90.8	90.8	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3
GE 1500	76.6	90.1	92.0	92.3	93.0	93.3	93.4	93.7	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.0
GE 1200	76.9	91.0	93.3	93.8	94.7	95.0	95.1	95.4	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7
GE 1000	76.9	91.3	93.7	94.3	95.1	95.4	95.5	95.8	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1
GE 900	76.9	91.3	93.8	94.4	95.2	95.5	95.7	95.9	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 800	77.1	91.5	94.0	94.7	95.7	95.9	96.1	96.4	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6
GE 700	77.3	91.9	94.5	95.5	96.6	96.9	97.1	97.3	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	77.5	92.4	95.2	96.2	97.6	97.9	98.0	98.3	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	77.5	92.6	95.7	96.8	98.3	98.6	98.7	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	77.6	92.7	95.8	96.9	98.6	98.6	98.7	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	77.6	92.7	95.8	96.9	98.6	98.6	98.7	99.2	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	77.6	92.7	95.8	96.9	98.6	98.6	98.7	99.2	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	77.6	92.7	95.8	96.9	98.6	98.6	98.7	99.2	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 715

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(UT): 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	GF 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	49.6	55.5	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 20000	54.9	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 18000	55.5	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 16000	55.8	62.0	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 14000	55.9	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 12000	56.1	63.4	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 10000	59.3	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 9000	58.5	66.8	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 8000	59.5	68.1	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 7000	60.2	69.1	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 6000	60.6	69.6	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 5000	61.7	71.6	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 4500	62.3	72.3	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	73.3
GE 4000	64.1	75.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 3500	65.5	76.8	77.6	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 3000	66.5	79.7	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	81.1
GE 2500	67.8	81.6	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 2000	69.6	84.9	86.6	87.3	87.3	87.3	87.6	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 1800	70.1	85.6	87.3	88.3	88.3	88.3	88.6	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1500	70.6	87.1	88.6	89.8	89.8	89.8	90.1	90.1	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1200	70.9	87.9	89.7	91.1	91.1	91.1	91.5	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1000	71.6	88.8	91.5	93.1	93.1	93.1	93.5	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 900	71.6	88.8	91.5	93.1	93.2	93.2	93.6	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 800	71.6	88.8	91.5	93.1	93.2	93.2	93.6	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 700	71.9	89.3	92.4	93.9	94.1	94.1	94.5	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 600	72.5	90.4	93.5	95.3	95.6	95.6	96.3	96.3	96.3	96.6	96.6	96.6	96.8	96.8	96.8	96.8
GE 500	72.6	91.1	94.2	96.3	97.0	97.2	97.9	97.9	97.9	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 400	72.6	91.2	94.5	96.6	97.5	97.6	98.3	98.7	98.7	99.2	99.3	99.3	99.4	99.4	99.4	99.4
GE 300	72.6	91.2	94.5	96.6	97.5	97.6	98.3	98.7	98.7	99.2	99.3	99.3	99.4	99.4	99.6	99.6
GE 200	72.6	91.2	94.5	96.6	97.5	97.6	98.3	98.7	98.7	99.2	99.3	99.3	99.4	99.4	99.6	99.9
GE 100	72.6	91.2	94.5	96.6	97.5	97.6	98.3	98.7	98.7	99.2	99.4	99.4	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 708

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(LST): ALL

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8
NO CEIL	48.7	54.4	54.6	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9	55.0
GE 20000	54.1	61.0	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.7
GE 18000	54.5	61.4	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.1	62.1
GE 16000	54.6	61.5	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2
GE 14000	54.8	62.0	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7
GE 12000	55.4	63.0	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8
GE 10000	57.7	66.0	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9
GE 9000	57.8	66.2	66.6	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.2
GE 8000	59.1	67.7	69.3	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7
GE 7000	59.8	68.6	69.3	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7
GE 6000	60.1	69.0	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1
GE 5000	61.8	71.1	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.2
GE 4500	63.2	73.2	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3
GE 4000	64.4	75.0	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.3
GE 3500	65.6	76.6	77.6	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0
GE 3000	67.7	80.2	81.5	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9
GE 2500	69.2	82.3	83.8	84.0	84.2	84.2	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.5	84.5
GE 2000	70.8	85.3	87.0	87.6	87.9	88.0	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.4	88.4
GE 1800	71.1	85.9	87.6	88.5	88.8	88.9	89.1	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.4	89.4
GE 1500	72.2	88.0	89.8	90.7	91.1	91.2	91.4	91.5	91.5	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.8
GE 1200	72.7	89.0	91.1	92.3	92.9	92.9	93.2	93.3	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.6	93.6
GE 1000	72.9	89.7	92.1	93.3	94.0	94.2	94.5	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.9	94.9
GE 900	72.9	89.9	92.4	93.7	94.4	94.5	95.0	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.3	95.3
GE 800	73.0	90.0	92.5	93.9	94.6	94.8	95.2	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6
GE 700	73.2	90.2	92.9	94.4	95.2	95.4	95.8	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.3
GE 600	73.4	90.9	93.7	95.3	96.2	96.4	96.9	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.4	97.5
GE 500	73.5	91.3	94.2	96.0	97.1	97.3	97.9	98.1	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.5	98.6
GE 400	73.6	91.5	94.4	96.3	97.4	97.7	98.3	98.6	98.6	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0
GE 300	73.6	91.5	94.5	96.4	97.6	97.9	98.5	98.8	98.8	99.0	99.0	99.2	99.3	99.4	99.4	99.5	99.7
GE 200	73.6	91.6	94.5	96.4	97.6	97.9	98.5	98.8	98.8	99.1	99.1	99.3	99.4	99.5	99.5	99.6	100.0
GE 100	73.6	91.6	94.5	96.4	97.6	97.9	98.5	98.8	98.8	99.1	99.1	99.3	99.4	99.5	99.5	99.7	100.0
GE 0	73.6	91.6	94.5	96.4	97.6	97.9	98.5	98.8	98.8	99.1	99.1	99.3	99.4	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 2436

GLOBAL CLIMATOLOGY BRANCH
USAF/CLTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
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	43.4	51.2	51.9	53.6	53.9	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.6	54.6	54.6	54.9
GE 20000	44.7	52.9	54.2	55.9	56.3	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.9	56.9	56.9	58.0
GE 18000	45.4	54.9	55.3	56.9	57.3	57.3	57.6	57.6	57.6	57.6	57.6	57.6	58.0	58.0	58.0	59.0
GE 16000	45.8	54.9	56.3	58.0	58.3	58.3	58.6	58.6	58.6	58.6	58.6	58.6	59.0	59.0	59.0	60.0
GE 14000	46.4	55.6	56.9	58.6	59.0	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.7	59.7	59.7	60.7
GE 12000	46.8	56.6	58.0	59.7	60.0	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.7	60.7	60.7	61.7
GE 10000	47.8	57.6	59.0	60.7	61.0	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.7	61.7	61.7	62.7
GE 9000	49.1	58.0	59.3	61.0	61.4	61.4	61.7	61.7	61.7	61.7	61.7	61.7	62.0	62.0	62.0	63.1
GE 8000	49.8	59.7	61.4	63.1	63.4	63.4	63.7	63.7	63.7	63.7	63.7	63.7	64.1	64.1	64.1	65.1
GE 7000	49.8	59.7	61.4	63.1	63.4	63.4	63.7	63.7	63.7	63.7	63.7	63.7	64.1	64.1	64.1	65.1
GE 6000	50.2	60.0	61.7	63.4	63.7	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.4	64.4	64.4	65.4
GE 5000	51.9	61.7	63.4	65.1	65.4	65.4	65.8	65.8	65.8	65.8	65.8	65.8	66.1	66.1	66.1	67.1
GE 4500	53.6	63.4	65.1	66.8	67.1	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.8	67.8	67.8	68.8
GE 4000	54.2	64.1	65.8	67.5	67.8	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.5	68.5	68.5	69.5
GE 3500	54.6	64.4	66.1	67.8	68.1	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.8	68.8	68.8	69.8
GE 3000	55.9	65.8	67.5	69.2	69.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	70.2	70.2	70.2	71.2
GE 2500	57.3	67.5	69.2	71.2	71.5	71.5	71.9	71.9	71.9	71.9	71.9	71.9	72.2	72.2	72.2	73.2
GE 2000	58.3	70.2	72.2	74.2	74.6	74.6	74.9	74.9	74.9	74.9	74.9	74.9	75.3	75.3	75.3	76.3
GE 1800	59.0	70.8	72.9	75.3	75.6	75.6	75.9	75.9	75.9	75.9	75.9	75.9	76.3	76.3	76.3	77.3
GE 1500	59.7	72.9	74.6	77.6	78.0	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.6	78.6	78.6	79.7
GE 1200	60.0	75.9	78.0	80.7	81.0	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.7	81.7	81.7	82.7
GE 1000	60.3	77.3	80.0	82.7	83.4	83.4	83.7	83.7	83.7	83.7	83.7	83.7	84.1	84.1	84.1	85.1
GE 900	60.3	78.0	81.0	84.1	84.7	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.4	85.4	85.4	86.4
GE 800	60.3	78.0	81.0	84.4	85.1	85.1	85.8	85.8	85.8	85.8	85.8	85.8	86.1	86.1	86.1	87.1
GE 700	60.3	78.3	81.7	86.1	86.8	86.8	87.5	87.5	87.5	87.5	87.5	87.5	87.8	87.8	87.8	88.8
GE 600	60.3	79.0	83.1	87.5	89.2	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.5	90.5	90.5	91.9
GE 500	60.3	79.0	83.4	88.1	90.5	91.2	91.9	92.2	92.2	92.2	92.2	92.2	92.5	92.5	92.5	93.9
GE 400	60.3	79.0	83.4	89.2	91.5	92.5	93.2	93.6	93.6	93.6	93.6	93.6	94.6	94.6	94.6	95.6
GE 300	60.3	79.0	83.4	89.2	91.5	92.5	93.2	93.6	93.6	93.6	93.6	93.6	94.6	94.6	94.6	95.6
GE 200	60.3	79.0	83.4	89.2	91.5	92.5	93.2	93.6	93.6	93.6	93.6	93.6	94.6	94.6	94.6	95.6
GE 100	60.3	79.0	83.4	89.2	91.5	92.5	93.2	93.6	93.6	93.6	93.6	93.6	94.6	94.6	94.6	95.6
GE 0	60.3	79.0	83.4	89.2	91.5	92.5	93.2	93.6	93.6	93.6	93.6	93.6	94.6	94.6	94.6	95.6

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: APR HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	50.6	61.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 2000	53.8	65.9	67.3	67.3	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 1800	54.1	66.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 1600	54.1	67.0	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 1400	55.1	68.0	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 1200	55.3	68.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 1000	56.1	69.2	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 900	56.1	69.2	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 800	57.3	70.3	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 700	57.9	70.9	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 600	59.0	71.1	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 500	60.7	73.8	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 450	62.0	75.1	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 400	63.7	76.9	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 350	64.3	77.5	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 300	65.1	78.4	80.3	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 250	66.1	80.4	82.3	82.6	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 200	67.4	81.7	83.8	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 180	68.4	83.2	85.4	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 150	69.7	84.1	86.4	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 120	69.2	85.4	88.3	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 100	69.2	85.8	89.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 90	69.2	86.3	90.1	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 80	69.6	87.1	91.4	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 70	69.6	87.1	91.7	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 60	69.6	87.4	92.1	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 50	69.7	87.6	92.5	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 40	69.7	87.7	93.0	96.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 30	69.7	87.7	93.0	96.3	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 20	69.7	87.7	93.0	96.3	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 10	69.7	87.7	93.0	96.3	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2

TOTAL NUMBER OF OBSERVATIONS: 654

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723230 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: APR HOURS(IST): 1200-1400

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	VISIBILITY IN STATUTE MILES										
							GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	57.3	66.1	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 20000	57.2	70.7	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 18000	57.4	71.0	71.4	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 16000	57.4	71.0	71.4	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 14000	58.1	71.7	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	72.3	72.3
GE 12000	58.4	72.0	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	72.8
GE 10000	59.2	72.8	73.4	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
GE 9000	59.5	73.1	73.7	73.7	73.9	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 8000	61.4	75.0	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	75.7	75.7
GE 7000	62.0	75.6	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 6000	62.1	76.0	76.6	76.6	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 5000	64.6	78.8	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 4500	65.5	79.7	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 4000	67.3	81.8	82.4	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 3500	68.2	82.7	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 3000	73.0	84.5	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 2500	71.0	85.7	87.0	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 2000	71.6	86.8	88.2	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1800	71.6	87.7	89.1	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1500	72.5	89.6	91.0	91.3	91.6	91.6	91.6	91.6	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1200	73.5	91.4	93.0	93.3	93.6	93.8	93.8	93.8	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1000	74.0	92.6	94.5	94.8	95.1	95.3	95.3	95.3	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 900	74.1	93.3	95.3	95.6	95.9	96.0	96.0	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 800	74.1	93.6	95.7	96.0	96.3	96.4	96.4	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 700	74.1	93.9	96.4	97.0	97.3	97.5	97.5	97.5	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 600	74.1	93.9	96.9	97.6	98.2	98.4	98.4	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	74.1	93.9	96.9	97.8	98.4	98.7	98.7	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	74.1	94.1	97.0	97.9	98.7	99.0	99.0	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	74.1	94.1	97.0	98.1	98.8	99.1	99.1	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	74.1	94.1	97.0	98.1	98.8	99.1	99.1	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	74.1	94.1	97.0	98.1	98.8	99.1	99.1	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0
GE 0	74.1	94.1	97.0	98.1	98.8	99.1	99.1	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 676

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: APR HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8
NO CEIL	51.8	65.3	65.3	65.3	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 20000	55.0	69.0	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 18000	55.3	70.0	70.1	70.1	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 16000	55.5	70.1	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 14000	55.8	70.4	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 12000	56.4	71.2	71.3	71.3	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 10000	56.7	71.5	71.8	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 9000	57.3	72.1	72.4	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 8000	57.9	72.9	73.2	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
GE 7000	58.7	73.7	74.0	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
GE 6000	59.0	74.0	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 5000	60.1	75.0	75.3	75.3	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 4500	60.9	75.8	76.1	76.1	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 4000	62.6	77.7	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 3500	63.0	78.1	78.4	78.4	78.4	78.4	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 3000	64.7	80.0	80.7	80.7	80.7	80.7	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 2500	65.2	80.4	81.2	81.4	81.4	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 2000	65.5	81.5	82.3	82.4	82.4	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 1800	65.9	82.6	83.5	83.6	83.6	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 1500	67.0	84.4	85.4	85.3	85.8	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1200	68.0	87.1	88.6	89.1	89.1	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1000	69.1	89.7	91.5	92.6	92.6	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 900	68.3	90.1	92.1	93.4	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 800	68.4	90.4	92.9	94.3	94.3	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 700	68.4	91.2	94.0	95.4	95.4	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 600	68.4	91.5	95.1	96.6	96.6	97.2	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 500	68.4	91.7	95.2	97.2	97.2	97.6	98.2	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 400	68.4	91.7	95.2	97.2	97.2	97.8	98.3	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	68.4	91.7	95.2	97.2	97.7	98.0	98.5	99.1	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	68.4	91.7	95.2	97.2	97.7	98.0	98.5	99.1	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	68.4	91.7	95.2	97.2	97.7	98.0	98.5	99.1	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	68.4	91.7	95.2	97.2	97.7	98.0	98.5	99.1	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 549

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: APR HOURS(LST): ALL

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 3/8	GE 1/2	GE 3/4	
NO CEIL	57.8	62.6	63.2	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	
GE 2000	54.0	66.5	67.3	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8	
GE 1800	54.3	67.2	68.0	68.2	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5	
GE 1600	54.4	67.5	68.2	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.8	
GE 1400	55.1	68.2	69.0	69.2	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	
GE 1200	55.4	68.7	69.5	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.1	
GE 1000	56.1	69.4	70.3	70.5	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8	
GE 900	56.4	69.7	70.6	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1	
GE 800	57.7	71.1	72.0	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	
GE 700	58.3	71.6	72.5	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.1	
GE 600	58.5	71.9	72.6	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.4	
GE 500	60.5	74.1	75.0	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.6	
GE 450	61.6	75.2	76.1	76.3	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6	
GE 400	63.2	76.9	77.6	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	
GE 350	63.8	77.5	78.4	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.1	
GE 300	65.2	79.0	80.4	80.7	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.2	
GE 250	66.1	80.3	81.7	82.1	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6	
GE 200	66.9	81.7	83.2	83.6	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.2	
GE 180	67.4	82.8	84.3	84.9	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.5	
GE 150	68.2	84.4	86.0	86.6	86.8	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	
GE 120	68.9	86.4	88.5	89.2	89.4	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	
GE 100	69.1	87.8	90.3	91.3	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	92.0	
GE 90	69.2	88.4	91.0	92.2	92.4	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9	
GE 80	69.4	88.8	91.8	93.2	93.4	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	94.0	
GE 70	69.4	89.1	92.4	94.1	94.4	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	95.0	
GE 60	69.4	89.4	93.2	95.2	95.8	96.1	96.2	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.7	
GE 50	69.4	89.5	93.4	95.6	96.5	96.8	97.1	97.3	97.3	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.8	
GE 40	69.4	89.6	93.6	96.1	97.0	97.3	97.7	98.1	98.2	98.5	98.6	98.6	98.7	98.7	98.7	98.8	98.9	
GE 30	69.4	89.6	93.6	96.2	97.1	97.4	97.9	98.4	98.4	98.6	98.9	99.0	99.0	99.0	99.0	99.1	99.3	
GE 20	69.4	89.6	93.6	96.2	97.1	97.4	97.9	98.4	98.4	98.6	99.0	99.0	99.3	99.3	99.3	99.4	99.8	
GE 10	69.4	89.6	93.6	96.2	97.1	97.4	97.9	98.4	98.4	98.8	99.0	99.0	99.3	99.3	99.3	99.5	100.0	
GE 7	69.4	89.6	93.6	96.2	97.1	97.4	97.9	98.4	98.4	98.8	99.0	99.0	99.3	99.3	99.3	99.5	100.0	

TOTAL NUMBER OF OBSERVATIONS: 2704

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.2	40.1	41.5	42.1	42.6	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.5	43.7	43.9	43.9
GE 20000	29.3	41.5	42.8	43.5	43.9	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.8	45.0	45.2	45.2
GE 18000	29.7	41.9	43.2	43.9	44.3	44.8	44.8	44.8	44.8	44.8	44.8	44.8	45.2	45.5	45.7	45.7
GE 16000	29.7	41.9	43.2	43.9	44.3	44.8	44.8	44.8	44.8	44.8	44.8	44.8	45.2	45.5	45.7	45.7
GE 14000	29.9	42.4	43.7	44.3	44.8	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.7	45.9	46.1	46.1
GE 12000	29.9	42.4	43.9	44.6	45.0	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.9	46.1	46.3	46.3
GE 10000	30.2	42.6	44.1	44.8	45.2	45.7	45.7	45.7	45.7	45.7	45.7	45.7	46.1	46.3	46.6	46.6
GE 9000	30.2	42.6	44.1	44.8	45.2	45.7	45.7	45.7	45.7	45.7	45.7	45.7	46.1	46.3	46.6	46.6
GE 8000	30.4	42.8	44.3	45.0	45.5	45.9	45.9	45.9	45.9	45.9	45.9	45.9	46.3	46.6	46.8	46.8
GE 7000	30.4	42.8	44.3	45.0	45.5	45.9	45.9	45.9	45.9	45.9	45.9	45.9	46.3	46.6	46.8	46.8
GE 6000	30.4	42.8	44.3	45.0	45.5	45.9	45.9	45.9	45.9	45.9	45.9	45.9	46.3	46.6	46.8	46.8
GE 5000	30.6	43.0	44.6	45.2	45.7	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.6	46.8	47.0	47.0
GE 4500	30.6	43.0	44.6	45.2	45.7	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.6	46.8	47.0	47.0
GE 4000	30.8	43.2	44.8	45.5	45.9	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.8	47.0	47.2	47.2
GE 3500	30.8	43.2	44.8	45.5	45.9	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.8	47.0	47.2	47.2
GE 3000	31.0	43.5	45.0	45.7	46.1	46.6	46.6	46.6	46.6	46.6	46.6	46.6	47.0	47.2	47.5	47.5
GE 2500	31.0	43.7	45.5	46.1	46.6	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.5	47.7	47.9	47.9
GE 2000	31.3	44.3	46.1	46.8	47.2	47.7	47.7	47.7	47.7	47.7	47.7	47.7	48.1	48.3	48.6	48.6
GE 1800	31.7	45.2	47.0	48.1	49.6	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.4	49.7	49.9	49.9
GE 1500	32.6	46.3	48.3	49.4	50.1	50.6	50.6	50.6	50.6	50.6	50.6	50.6	51.0	51.2	51.4	51.4
GE 1200	33.7	50.6	52.5	53.7	54.3	54.8	54.8	55.0	55.0	55.0	55.0	55.0	55.4	55.7	55.9	55.9
GE 1000	34.1	54.8	57.2	58.5	59.4	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.5	60.8	61.0	61.0
GE 900	34.1	57.6	60.1	61.4	63.0	63.4	63.4	63.6	63.6	63.6	63.6	63.6	64.1	64.3	64.5	64.5
GE 800	34.1	58.3	61.6	63.0	64.7	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.6	67.8	68.1	68.1
GE 700	34.1	59.0	63.0	65.9	69.0	69.8	70.3	70.5	70.5	70.5	70.7	70.7	71.2	71.4	71.8	71.8
GE 600	34.1	59.2	63.6	66.7	70.1	71.0	71.6	72.1	72.5	72.9	73.4	73.4	73.8	74.1	74.7	74.7
GE 500	34.1	59.6	64.7	70.1	74.5	76.1	76.9	78.0	78.5	78.9	79.6	79.6	80.0	80.5	81.4	81.6
GE 400	34.1	59.9	65.0	71.6	76.5	79.2	81.6	83.1	83.8	84.3	84.9	84.9	85.4	85.8	87.1	87.7
GE 300	34.1	59.9	65.0	72.3	78.0	80.5	83.6	85.6	86.3	86.7	87.4	88.0	88.9	89.0	91.6	94.2
GE 200	34.1	59.9	65.6	72.3	78.5	80.9	84.7	86.3	87.1	87.8	89.1	89.4	90.5	91.1	94.0	98.0
GE 100	34.1	59.9	65.6	72.3	78.5	80.9	84.7	86.3	87.1	87.8	89.1	89.4	90.5	91.1	94.2	100.0
GE 0	34.1	59.9	65.6	72.3	78.5	80.9	84.3	86.3	87.1	87.8	89.1	89.4	90.5	91.1	94.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 451

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEILING	41.9	56.1	56.4	57.3	57.3	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 20000	44.2	58.9	59.4	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 18000	44.6	59.4	59.8	60.7	60.7	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 16000	44.6	59.4	59.8	60.7	60.7	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 14000	44.6	59.4	59.8	60.7	60.7	60.7	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 12000	44.9	59.7	60.1	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 10000	45.2	60.0	60.4	61.4	61.4	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 9000	45.2	60.0	60.4	61.4	61.4	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 8000	45.2	60.0	60.4	61.4	61.4	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 7000	45.2	60.1	60.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 6000	45.2	60.1	60.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 5000	45.5	60.4	60.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 4500	45.5	60.4	60.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 4000	45.5	60.4	60.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 3500	45.9	60.9	61.3	62.3	62.3	62.3	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 3000	45.9	61.2	61.6	62.6	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 2500	46.2	62.0	62.5	63.5	63.5	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 2000	47.3	64.0	64.4	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 1800	47.6	64.5	65.0	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 1500	48.9	66.5	67.2	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 1200	50.8	70.8	71.5	73.4	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 1000	51.6	74.3	75.5	77.4	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 900	51.8	77.0	79.3	81.2	81.8	81.8	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 800	51.8	78.6	81.2	83.6	84.5	84.5	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 700	51.8	79.5	83.0	86.4	87.6	87.6	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 600	51.8	80.4	84.9	88.8	90.4	90.5	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 500	51.8	80.5	85.5	90.5	92.8	92.2	93.4	94.2	94.2	94.2	94.2	94.4	94.5	94.5	94.5	94.5
GE 400	51.8	80.5	85.7	91.0	93.6	94.1	94.7	95.9	96.0	96.2	96.2	96.3	96.3	96.5	96.6	96.8
GE 300	51.8	80.5	85.7	91.1	93.9	94.5	95.1	96.9	97.2	97.5	97.5	97.6	97.6	97.8	98.2	98.4
GE 200	51.8	80.5	85.7	91.1	93.9	94.5	95.1	97.0	97.5	98.1	98.1	98.4	98.4	98.5	99.0	99.3
GE 100	51.8	80.5	85.7	91.1	93.9	94.5	95.1	97.0	97.5	98.1	98.1	98.4	98.4	98.5	99.0	100.0
GE 70	51.8	80.5	85.7	91.1	93.9	94.5	95.1	97.0	97.5	98.1	98.4	98.4	98.5	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 677

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(UTC): 1200-1400

CEILING IN FEET	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8
NO CEIL	46.5	62.2	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 20000	49.8	66.4	68.5	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	69.1
GE 18000	50.4	67.0	69.1	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 16000	50.4	67.0	69.1	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 14000	50.8	67.7	69.8	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 12000	51.0	68.0	70.1	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 10000	51.4	68.5	70.6	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	71.3
GE 9000	51.6	68.6	70.7	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 8000	51.6	68.6	70.7	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 7000	51.6	68.6	70.7	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 6000	51.6	68.6	70.7	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 5000	51.6	68.6	70.7	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 4500	51.7	68.8	70.9	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 4000	51.7	68.8	70.9	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 3500	51.7	68.8	70.9	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 3000	52.3	69.4	71.4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 2500	52.6	70.4	72.5	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 2000	53.8	72.0	74.1	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 1800	54.6	73.1	75.2	76.4	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 1500	55.6	74.7	77.0	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 1200	57.1	78.5	80.9	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 1000	53.0	81.2	84.6	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 900	53.1	83.0	87.3	89.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 800	53.3	84.9	89.5	91.6	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 700	53.3	86.5	91.3	94.3	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 600	53.3	87.4	92.7	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 500	53.3	87.7	93.4	97.6	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	53.3	87.7	93.6	97.8	99.1	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	53.3	87.9	93.7	97.9	99.4	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	53.3	87.9	93.7	97.9	99.4	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	53.3	87.9	93.7	97.9	99.4	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	53.3	87.9	93.7	97.9	99.4	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 669

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	41.2	57.0	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 20000	44.4	61.8	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 18000	45.0	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 16000	45.0	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 14000	46.0	63.4	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
GE 12000	46.4	64.0	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 10000	46.6	64.2	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 9000	46.6	64.2	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 8000	46.6	64.2	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 7000	47.0	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 6000	47.0	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 5000	47.0	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 4500	47.0	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 4000	47.0	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 3500	47.0	65.2	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 3000	47.2	65.4	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 2500	49.0	67.2	67.2	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 2000	49.4	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 1800	49.6	68.2	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 1500	50.0	69.0	69.2	69.2	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 1200	52.6	74.4	74.6	74.6	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 1000	54.0	81.2	81.8	81.8	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 900	54.8	84.0	84.8	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 800	55.0	85.6	86.8	87.8	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 700	55.0	87.4	89.4	91.6	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 600	55.0	88.6	90.8	94.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 500	55.0	89.2	92.2	95.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2	97.2
GE 400	55.0	89.4	92.6	96.4	97.0	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.8	98.8	98.8
GE 300	55.0	89.4	92.6	96.6	97.8	98.6	99.0	99.2	99.2	99.4	99.4	99.4	99.8	99.8	99.8
GE 200	55.0	89.4	92.6	96.6	97.8	98.6	99.2	99.4	99.4	99.6	99.6	99.6	100.0	100.0	100.0
GE 100	55.0	89.4	92.6	96.6	97.8	98.6	99.2	99.4	99.4	99.6	99.6	99.6	100.0	100.0	100.0
GE 0	55.0	89.4	92.6	96.6	97.8	98.6	99.2	99.4	99.4	99.6	99.6	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 500

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	40.4	54.9	55.8	56.4	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.8	56.8	56.8
GE 20000	42.9	58.3	59.3	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.3	60.3	60.3
GE 18000	43.4	58.8	59.8	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.7	60.8	60.8	60.8
GE 16000	43.4	58.8	59.8	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.7	60.8	60.8	60.8
GE 14000	43.8	59.3	60.3	60.9	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.4	61.4
GE 12000	44.1	59.6	60.7	61.3	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.8	61.8
GE 10000	44.4	59.9	61.0	61.6	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.1	62.1
GE 9000	44.4	60.0	61.0	61.7	61.8	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.1
GE 8000	44.4	60.0	61.1	61.7	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.2	62.2
GE 7000	44.5	60.2	61.2	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.3	62.3	62.3
GE 6000	44.5	60.2	61.2	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.3	62.3	62.3
GE 5000	44.7	60.3	61.3	62.0	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4
GE 4500	44.7	60.3	61.4	62.0	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.5	62.5
GE 4000	44.8	60.4	61.4	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.5	62.5	62.5
GE 3500	44.9	60.6	61.7	62.3	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.8	62.8	62.8
GE 3000	45.1	61.0	62.0	62.7	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1
GE 2500	45.7	62.0	63.1	63.7	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.2	64.2
GE 2000	46.5	63.3	64.4	65.1	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.6	65.6	65.6
GE 1800	46.9	64.0	65.1	66.1	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5	66.6	66.6	66.6
GE 1500	47.9	65.5	66.8	67.6	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4
GE 1200	49.7	69.6	71.2	72.3	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.1	73.1
GE 1000	50.5	74.0	75.9	77.2	77.8	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.2	78.2
GE 900	50.8	76.4	79.1	80.5	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.6	81.7	81.7	81.7
GE 800	50.9	78.0	81.0	82.9	84.0	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.5	84.5	84.5
GE 700	50.9	79.2	82.9	85.8	87.1	87.3	87.4	87.6	87.6	87.6	87.6	87.6	87.7	87.8	87.9	87.9
GE 600	50.9	80.1	84.3	87.8	89.3	89.5	89.7	89.9	90.0	90.1	90.2	90.2	90.2	90.3	90.4	90.4
GE 500	50.9	80.4	85.2	89.7	91.8	92.3	92.6	93.0	93.1	93.2	93.4	93.4	93.6	93.6	93.8	93.9
GE 400	50.9	80.5	85.5	90.3	92.8	93.6	94.3	95.0	95.2	95.3	95.5	95.5	95.7	95.8	96.1	96.4
GE 300	50.9	80.5	85.6	90.6	93.3	94.1	95.0	96.0	96.3	96.5	96.8	96.8	97.1	97.4	97.8	98.3
GE 200	50.9	80.5	85.6	90.6	93.3	94.2	95.2	96.3	96.6	97.0	97.3	97.3	97.7	98.0	98.6	99.6
GE 100	50.9	80.5	85.6	90.6	93.3	94.2	95.2	96.3	96.6	97.0	97.3	97.3	97.7	98.0	98.7	100.0
GE 0	50.9	80.5	85.6	90.6	93.3	94.2	95.2	96.3	96.6	97.0	97.3	97.3	97.7	98.0	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 227

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(IST): 0600-0800

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 3
NO CEIL	15.8	26.0	27.4	27.6	28.3	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.7	28.7	28.7	29.0
GE 20000	16.7	27.1	28.5	29.0	29.4	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.9	29.9	29.9	30.1
GE 16000	16.7	27.1	28.5	29.0	29.4	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.9	29.9	29.9	30.1
GE 16000	16.7	27.1	28.5	29.0	29.4	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.9	29.9	29.9	30.1
GE 14000	16.7	27.1	28.5	29.0	29.4	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.9	29.9	29.9	30.1
GE 12000	16.7	27.4	29.7	29.2	29.6	29.9	29.9	29.9	29.9	29.9	29.9	29.9	30.1	30.1	30.1	30.3
GE 10000	16.7	27.6	29.0	29.4	29.9	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.3	30.3	30.3	30.5
GE 9000	16.7	27.6	29.0	29.4	29.9	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.3	30.3	30.3	30.5
GE 8000	16.7	27.6	29.0	29.4	29.9	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.3	30.3	30.3	30.5
GE 7000	16.7	27.6	29.0	29.4	29.9	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.3	30.3	30.3	30.5
GE 6000	16.7	27.6	29.0	29.4	29.9	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.3	30.3	30.3	30.5
GE 5000	16.7	27.6	29.0	29.4	29.9	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.3	30.3	30.3	30.5
GE 4500	16.7	27.6	29.0	29.4	29.9	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.3	30.3	30.3	30.5
GE 4000	16.7	27.6	29.0	29.4	29.9	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.3	30.3	30.3	30.5
GE 3500	16.7	27.6	29.0	29.4	29.9	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.3	30.3	30.3	30.5
GE 3000	17.4	28.3	29.6	30.3	30.8	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.2	31.2	31.2	31.4
GE 2500	18.3	29.4	30.8	31.4	31.9	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.4	32.4	32.4	32.6
GE 2000	19.9	32.1	33.5	34.2	34.6	34.8	34.8	34.8	34.8	34.8	34.8	34.8	35.1	35.1	35.1	35.3
GE 1800	20.6	33.5	34.6	35.5	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.4	36.4	36.4	36.7
GE 1500	22.2	35.7	37.1	37.8	38.2	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.7	38.7	38.7	38.9
GE 1200	24.0	38.5	39.8	41.2	41.6	41.9	41.9	41.9	41.9	41.9	41.9	41.9	42.1	42.1	42.1	42.3
GE 1000	26.0	42.3	44.3	46.4	46.8	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.3	47.3	47.3	47.5
GE 900	26.7	45.2	47.3	50.0	50.7	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.4	51.4	51.4	51.6
GE 800	27.1	47.1	49.3	52.3	52.7	53.2	53.4	53.6	53.6	53.6	53.6	53.6	53.8	53.8	53.8	54.1
GE 700	27.4	49.3	52.5	57.2	58.1	58.4	58.6	58.8	58.8	58.8	58.8	58.8	59.0	59.0	59.0	59.3
GE 600	27.6	51.4	55.2	61.1	63.1	63.8	64.3	64.5	64.7	64.7	64.7	64.7	64.9	64.9	64.9	65.2
GE 500	27.6	52.7	57.7	65.4	68.1	69.2	70.1	71.0	71.3	71.3	71.3	71.3	71.5	71.5	71.5	72.4
GE 400	27.6	53.4	58.6	68.3	72.2	73.8	75.0	75.5	77.2	79.4	80.3	80.5	80.8	81.4	82.1	83.3
GE 300	27.6	53.8	59.0	69.2	73.5	76.0	78.3	81.7	82.6	83.9	85.3	86.0	87.1	87.8	89.1	91.2
GE 200	27.6	53.8	59.0	69.2	73.8	76.2	79.0	83.5	84.4	85.7	87.3	88.0	89.4	90.3	93.0	96.4
GE 100	27.6	53.8	59.0	69.2	73.8	76.2	79.0	83.5	84.4	86.0	88.0	88.7	90.3	91.4	95.0	98.6
GE 0	27.6	53.8	59.0	69.2	73.8	76.2	79.0	83.5	84.4	86.0	88.0	88.7	90.3	91.4	95.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 442

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
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	32.6	46.9	47.6	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	
GE 20000	34.0	49.0	50.1	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	
GE 18000	34.0	49.0	50.1	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	
GE 16000	34.0	49.0	50.1	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	
GE 14000	34.0	49.0	50.1	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	
GE 12000	34.4	49.4	50.6	51.5	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 10000	34.6	49.6	50.7	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	
GE 9000	34.6	49.6	50.7	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	
GE 8000	34.6	49.6	50.7	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	
GE 7000	34.7	49.7	50.9	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	
GE 6000	34.7	49.7	50.9	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	
GE 5000	34.7	49.7	50.9	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	
GE 4500	34.7	49.7	50.9	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	
GE 4000	34.7	49.7	50.9	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	
GE 3500	35.0	50.0	51.2	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	
GE 3000	36.2	51.2	52.4	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	
GE 2500	37.1	52.5	53.7	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	
GE 2000	38.3	54.0	55.2	56.1	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 1800	39.4	55.2	56.4	57.3	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 1500	41.8	59.0	60.2	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 1200	44.5	63.8	65.1	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	
GE 1000	46.9	68.7	70.4	71.7	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	
GE 900	47.3	72.3	74.6	76.3	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 800	47.3	74.4	77.1	79.2	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	
GE 700	47.6	76.3	79.9	82.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	
GE 600	48.1	78.0	82.2	86.5	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	
GE 500	48.1	78.9	83.4	89.1	91.9	91.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	
GE 400	48.1	79.2	84.1	90.3	93.7	93.7	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.4	95.5	95.5	
GE 300	48.1	79.2	84.1	90.3	93.9	94.3	95.7	96.3	96.7	97.2	97.5	97.5	97.8	98.2	98.4	98.5	
GE 200	48.1	79.2	84.1	90.3	93.9	94.5	95.8	96.6	97.0	97.6	98.1	98.1	98.5	99.0	99.1	99.4	
GE 100	48.1	79.2	84.1	90.3	93.9	94.5	96.0	96.7	97.2	97.8	98.2	98.2	98.7	99.1	99.4	100.0	
GE 0	48.1	79.2	84.1	90.3	93.9	94.5	96.0	96.7	97.2	97.8	98.2	98.2	98.7	99.1	99.4	100.0	

TOTAL NUMBER OF OBSERVATIONS: 608

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: JULY HOURS(IST): 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	44.2	58.8	59.5	59.8	59.8	59.8	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 20000	47.1	62.1	63.1	63.6	63.6	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 18000	47.2	62.2	63.3	63.7	63.7	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 16000	47.5	62.5	63.6	64.0	64.0	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 14000	47.8	62.8	64.0	64.5	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 12000	48.3	63.3	64.5	64.9	64.9	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 10000	48.4	64.0	65.2	65.7	65.7	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 9000	48.4	64.0	65.2	65.7	65.7	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 8000	48.4	64.0	65.2	65.7	65.7	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 7000	48.4	64.0	65.2	65.7	65.7	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 6000	48.4	64.0	65.2	65.7	65.7	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 5000	48.6	64.2	65.4	65.8	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 4500	48.6	64.2	65.4	65.8	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 4000	48.6	64.2	65.4	65.8	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 3500	48.2	64.8	66.0	66.4	66.4	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 3000	49.9	65.5	66.7	67.2	67.2	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 2500	51.3	67.0	68.2	68.7	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 2000	51.4	67.2	68.4	68.8	68.8	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 1800	53.2	69.0	70.2	70.6	70.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 1500	54.6	71.5	72.7	73.2	73.2	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 1200	57.0	77.8	79.3	79.8	79.8	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 1000	59.8	84.6	86.1	86.5	86.5	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 900	59.1	86.2	88.0	88.6	88.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 800	59.2	87.7	89.8	90.6	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 700	59.7	90.3	92.7	94.2	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 600	60.0	91.5	94.6	96.6	97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	60.0	92.1	95.7	97.8	98.7	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	60.1	92.2	95.8	97.9	99.0	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	60.1	92.2	95.8	97.9	99.3	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	60.3	92.4	96.0	98.1	99.1	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	60.3	92.4	96.0	98.1	99.1	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 667

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
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	42.3	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
GE 20000	43.2	56.4	56.4	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 18000	43.2	56.4	56.4	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 16000	43.4	56.6	56.6	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 14000	44.1	57.2	57.2	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
GE 12000	44.1	57.2	57.2	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
GE 10000	44.5	57.7	57.7	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 9000	44.7	57.9	57.9	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 8000	44.7	57.9	57.9	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 7000	44.7	57.9	57.9	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 6000	44.7	57.9	57.9	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 5000	44.7	57.9	57.9	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 4500	44.7	57.9	57.9	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 4000	44.7	57.9	57.9	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 3500	44.7	57.9	57.9	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 3000	45.0	58.1	58.1	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 2500	45.8	59.0	59.0	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 2000	46.7	59.9	59.9	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 1800	46.9	60.1	60.1	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 1500	48.9	62.7	62.7	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 1200	51.8	69.5	69.7	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 1000	55.0	77.4	79.4	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 900	56.4	81.6	83.8	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 800	56.6	84.6	87.5	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 700	57.2	87.1	89.9	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 600	58.1	88.6	91.7	93.0	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 500	58.1	89.9	93.0	94.7	95.8	95.8	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 400	58.3	90.4	93.6	95.6	96.9	97.1	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	58.6	90.6	93.4	95.6	97.1	97.4	98.5	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 200	58.8	90.8	94.1	96.1	97.4	97.6	98.7	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	58.8	90.8	94.1	96.1	97.4	97.6	98.7	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0
GE 0	58.8	90.8	94.1	96.1	97.4	97.6	98.7	99.3	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 406

JOINT CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(IST): ALL

CEILING FEET	VISIBILITY IN STATUTE MILES															
	1	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	11	12	13	14
NO CL	34.8	47.8	48.5	48.9	49.3	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.3
GE 2000	36.4	50.1	51.0	51.6	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
GE 1800	36.4	50.1	51.1	51.7	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.0	52.0
GE 1600	36.5	50.2	51.2	51.8	51.9	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.2
GE 1400	36.8	50.5	51.5	52.1	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 1200	37.0	50.8	51.8	52.4	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8
GE 1000	37.2	51.2	52.2	52.8	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.2
GE 900	37.3	51.2	52.2	52.8	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.2
GE 800	37.3	51.2	52.2	52.8	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.2
GE 700	37.3	51.3	52.3	52.9	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 600	37.3	51.3	52.3	52.9	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 500	37.3	51.3	52.3	52.9	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3
GE 450	37.3	51.3	52.3	52.9	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3
GE 400	37.3	51.3	52.3	52.9	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3
GE 350	37.6	51.6	52.6	53.2	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.6
GE 300	38.4	52.4	53.3	54.0	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4
GE 250	39.4	53.6	54.6	55.3	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.6
GE 200	40.3	54.8	55.8	56.5	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8
GE 180	41.3	56.0	57.0	57.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0
GE 150	43.2	58.9	59.9	60.6	60.7	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 120	45.6	64.1	65.3	66.2	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 100	48.0	70.0	71.7	72.7	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3
GE 90	48.6	73.0	75.1	76.5	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2
GE 80	48.8	75.1	77.5	79.1	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9
GE 70	49.2	77.3	80.3	82.8	83.3	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7
GE 60	49.5	78.9	82.5	85.8	87.0	87.2	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7
GE 50	49.6	79.9	83.9	88.1	90.0	90.3	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.5	91.7
GE 40	49.7	80.3	84.5	89.3	91.7	92.1	93.2	94.0	94.1	94.2	94.4	94.5	94.7	94.8	94.8	95.1
GE 30	49.9	80.4	84.6	89.5	92.0	92.7	94.0	95.0	95.3	95.7	96.1	96.2	96.6	96.8	97.1	97.6
GE 20	49.8	80.5	84.7	89.6	92.2	92.9	94.3	95.5	95.8	96.3	96.8	96.9	97.3	97.6	98.3	99.1
GE 10	49.8	80.5	84.7	89.6	92.2	92.9	94.3	95.6	95.9	96.4	97.0	97.1	97.6	97.9	98.8	99.7
GE 0	49.9	80.5	84.7	89.6	92.2	92.9	94.3	95.6	95.9	96.4	97.0	97.1	97.6	97.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 2233

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72393D STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(IST): 0600-0600

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1/2	GE 1/4	GE 1/8	GE 1/16	GE 1/32	GE 1/64	GE 1/128	GE 1/256
NO CEIL	9.4	16.2	16.7	16.7	17.2	17.2	17.2	17.2	17.2	17.4	17.4	17.4	17.4	17.4	17.4	17.6
GE 20000	9.4	16.9	17.6	17.6	18.1	18.1	18.1	18.1	18.1	18.4	18.4	18.4	18.4	18.4	18.4	18.6
GE 18000	9.4	16.9	17.6	17.6	18.1	18.1	18.1	18.1	18.1	18.4	18.4	18.4	18.4	18.4	18.4	18.6
GE 16000	9.4	16.9	17.6	17.6	18.1	18.1	18.1	18.1	18.1	18.4	18.4	18.4	18.4	18.4	18.4	18.6
GE 14000	9.4	16.9	17.6	17.6	18.1	18.1	18.1	18.1	18.1	18.4	18.4	18.4	18.4	18.4	18.4	18.6
GE 12000	9.4	16.9	17.6	17.6	18.1	18.1	18.1	18.1	18.1	18.4	18.4	18.4	18.4	18.4	18.4	18.6
GE 10000	10.1	17.9	18.6	18.6	19.3	19.3	19.3	19.3	19.3	19.5	19.5	19.5	19.5	19.5	19.5	19.8
GE 9000	10.4	18.1	18.8	18.8	19.5	19.5	19.5	19.5	19.5	19.8	19.8	19.8	19.8	19.8	19.8	20.0
GE 8000	10.4	18.1	18.8	18.8	19.5	19.5	19.5	19.5	19.5	19.8	19.8	19.8	19.8	19.8	19.8	20.0
GE 7000	10.4	18.4	19.1	19.1	19.8	19.8	20.0	20.0	20.0	20.2	20.2	20.2	20.2	20.2	20.2	20.5
GE 6000	10.4	18.4	19.1	19.1	19.8	19.8	20.0	20.0	20.0	20.2	20.2	20.2	20.2	20.2	20.2	20.5
GE 5000	10.4	18.4	19.1	19.1	19.8	19.8	20.0	20.0	20.0	20.2	20.2	20.2	20.2	20.2	20.2	20.5
GE 4500	10.4	18.4	19.1	19.1	19.8	19.8	20.0	20.0	20.0	20.2	20.2	20.2	20.2	20.2	20.2	20.5
GE 4000	10.4	18.4	19.1	19.1	19.8	19.8	20.0	20.0	20.0	20.2	20.2	20.2	20.2	20.2	20.2	20.5
GE 3500	10.4	18.4	19.1	19.1	19.8	19.8	20.0	20.0	20.0	20.2	20.2	20.2	20.2	20.2	20.2	20.5
GE 3000	10.4	18.4	19.1	19.1	19.8	19.8	20.0	20.0	20.0	20.2	20.2	20.2	20.2	20.2	20.2	20.5
GE 2500	10.6	18.8	19.6	19.6	20.7	20.7	20.9	20.9	20.9	21.2	21.2	21.2	21.2	21.2	21.2	21.4
GE 2000	11.1	19.5	20.5	20.5	21.4	21.4	21.9	21.9	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.4
GE 1800	11.1	19.8	20.7	20.7	21.6	21.6	22.1	22.1	22.1	22.4	22.4	22.4	22.4	22.4	22.4	22.8
GE 1600	11.5	20.2	21.2	21.2	22.1	22.1	22.4	22.4	22.4	23.1	23.1	23.1	23.1	23.1	23.1	23.3
GE 1400	11.5	20.7	22.1	22.1	23.1	23.1	23.5	23.5	23.5	24.0	24.0	24.0	24.0	24.0	24.0	24.2
GE 1000	11.8	21.6	23.1	23.1	24.2	24.2	24.7	24.7	24.7	25.2	25.2	25.2	25.2	25.2	25.2	25.6
GE 900	12.2	22.4	24.5	24.5	25.9	25.9	26.1	26.1	26.1	26.6	26.6	26.6	26.6	26.6	26.6	27.3
GE 800	12.7	24.7	26.8	26.8	28.2	28.2	28.7	28.7	28.7	29.2	29.2	29.2	29.2	29.2	29.2	29.6
GE 700	12.7	25.4	27.5	27.5	29.4	29.4	30.1	30.1	30.1	31.3	31.3	31.3	31.3	31.3	31.3	31.8
GE 600	12.7	26.4	29.4	29.4	32.5	32.5	33.9	33.9	33.9	34.1	34.1	34.1	34.1	34.1	34.1	35.5
GE 500	12.7	27.5	30.6	30.6	36.7	36.7	38.4	38.4	38.4	39.1	39.1	39.1	39.1	39.1	39.1	40.7
GE 400	12.7	27.8	31.3	31.3	40.9	40.9	42.4	42.4	42.4	43.2	43.2	43.2	43.2	43.2	43.2	45.1
GE 300	12.7	27.8	31.3	31.3	43.1	43.1	44.7	44.7	44.7	45.4	45.4	45.4	45.4	45.4	45.4	47.1
GE 200	12.7	27.8	31.3	31.3	43.5	43.5	45.4	45.4	45.4	46.9	46.9	46.9	46.9	46.9	46.9	48.9
GE 100	12.7	27.8	31.3	31.3	43.5	43.5	45.4	45.4	45.4	46.9	46.9	46.9	46.9	46.9	46.9	48.9
GE 01	12.7	27.8	31.3	31.3	43.5	43.5	45.4	45.4	45.4	46.9	46.9	46.9	46.9	46.9	46.9	48.9

TOTAL NUMBER OF OBSERVATIONS: 425

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: JUL HOUR(S) (LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	5/8	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4
NO CEIL	27.6	43.0	43.4	44.5	44.9	45.0	45.7	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 20000	27.7	43.8	44.9	45.5	45.8	46.0	46.3	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 18000	28.0	44.1	45.2	45.8	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 16000	28.0	44.1	45.2	45.8	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 14000	28.0	44.1	45.2	45.8	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 12000	29.0	45.2	46.3	47.0	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 10000	29.8	46.3	47.4	48.1	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 9000	29.9	46.4	47.5	48.3	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 8000	29.9	46.4	47.5	48.3	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 7000	29.9	46.6	47.8	48.6	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 6000	29.9	46.7	48.0	48.3	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 5000	30.2	47.2	48.4	49.2	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 4500	30.2	47.2	48.4	49.2	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 4000	30.2	47.2	48.4	49.2	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 3500	30.2	47.2	48.4	49.2	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 3000	30.2	47.2	48.4	49.2	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 2500	30.2	47.2	48.4	49.2	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 2000	30.4	47.4	48.6	49.5	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 1800	31.0	48.3	49.7	50.5	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 1500	31.6	49.4	50.8	51.6	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 1200	32.4	51.4	52.8	53.6	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 1000	32.9	55.0	56.7	57.6	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 900	33.6	57.0	59.2	60.4	60.7	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 800	33.8	59.5	62.1	63.7	64.5	64.6	64.6	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 700	34.0	61.8	66.0	68.4	69.8	70.1	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 600	34.1	63.7	69.0	72.7	75.1	75.4	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 500	34.3	65.1	71.7	77.7	81.2	81.9	82.6	83.6	83.6	84.0	84.3	84.3	84.3	84.3	84.3	84.3
GE 400	34.3	65.7	73.2	80.4	85.8	87.1	88.0	89.3	89.6	89.9	90.5	90.7	91.0	91.3	91.4	91.4
GE 300	34.4	66.0	73.7	81.2	87.2	88.6	90.8	92.4	92.8	93.8	94.5	94.7	95.6	96.0	96.1	96.3
GE 200	34.4	66.0	73.7	81.3	87.4	88.8	91.6	93.1	93.9	95.0	96.1	96.4	98.4	98.9	99.1	99.4
GE 100	34.4	66.0	73.7	81.3	87.4	88.8	91.6	93.1	93.9	95.2	96.3	96.6	98.6	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 642

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: WANDENBERG AFB LA

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(IST): 1200-1400

CEILING FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8	
NO CEIL	38.6	64.8	67.0	67.2	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 2000	38.8	65.9	68.3	68.4	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	
GE 1800	38.8	66.6	68.9	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 1600	38.8	66.6	68.9	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 1400	38.8	66.7	69.1	69.2	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	
GE 1200	39.7	68.1	70.5	70.6	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 1000	40.3	68.8	71.1	71.3	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 900	40.3	68.6	71.1	71.3	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 800	40.3	68.6	71.1	71.3	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 700	40.3	68.8	71.1	71.3	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 600	40.5	68.9	71.3	71.4	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 500	40.7	69.2	71.6	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	
GE 450	40.7	69.2	71.6	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	
GE 400	40.7	69.2	71.6	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	
GE 350	40.7	69.2	71.6	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	
GE 300	40.7	69.2	71.6	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	
GE 250	41.1	70.0	72.4	72.5	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	
GE 200	41.3	70.5	72.8	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	
GE 180	41.4	70.8	73.2	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	
GE 150	41.9	72.4	74.7	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	
GE 120	42.5	74.1	76.5	76.6	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 100	43.2	77.1	79.7	79.9	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 90	43.2	76.6	81.5	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	
GE 80	43.6	81.9	85.2	85.4	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 70	44.0	83.2	87.3	88.1	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	
GE 60	44.4	85.1	90.0	91.4	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	
GE 50	44.4	87.0	92.0	94.7	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 40	44.4	87.4	94.0	96.1	97.8	98.0	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 30	44.4	87.4	94.2	96.9	99.1	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 20	44.4	87.4	94.3	96.9	99.1	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 10	44.4	87.4	94.3	96.9	99.1	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 637

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723933 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(IST): 1500-1700

CEILING FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8
NO CEIL	34.9	56.7	58.6	58.6	58.9	58.8	58.8	58.8	58.8	58.8	58.8	58.6	58.8	58.8	58.8	58.8
GE 20000	34.9	57.0	59.1	59.1	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 16000	35.6	57.7	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 14000	35.6	57.7	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 12000	36.0	58.1	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 10000	36.5	58.8	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 9000	36.5	58.8	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 8000	36.5	58.8	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 7000	36.5	58.8	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 6000	36.7	59.3	61.6	61.6	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	36.7	59.3	61.6	61.6	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 4500	36.7	59.3	61.6	61.6	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 4000	36.7	59.3	61.6	61.6	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 3500	36.7	59.3	61.6	61.6	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 3000	36.7	59.3	61.6	61.6	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 2500	37.0	60.2	62.6	62.6	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 2000	37.0	60.5	62.8	62.8	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 1800	37.0	60.7	63.0	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 1600	37.2	61.6	64.2	64.2	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 1400	38.6	64.2	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 1000	39.3	69.1	71.9	71.9	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 900	40.0	72.1	75.1	75.1	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 800	40.7	77.2	80.9	81.6	82.7	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 700	41.2	80.2	84.4	85.6	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 600	41.4	82.3	87.4	89.1	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 500	41.4	84.7	90.5	93.0	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 400	41.4	85.1	91.2	94.9	97.7	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	41.4	85.1	91.4	95.3	98.6	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	41.4	85.1	91.4	95.3	98.6	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 100	41.4	85.1	91.4	95.3	98.6	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE PJ	41.4	85.1	91.4	95.3	98.6	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS: 430

WINDS (DIRECTION, SPEED)
 AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
 MONTH: JUL HOURS (LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1	5	10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.7	47.0	46.4	46.6	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 2000	29.8	47.7	49.3	49.5	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 1500	29.1	48.1	49.7	50.0	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5
GE 1600	29.1	48.1	49.7	50.0	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5
GE 1400	29.1	48.2	49.8	50.0	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 1200	29.8	49.1	50.7	50.9	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.5
GE 1000	30.4	49.9	51.5	51.6	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3
GE 900	30.5	50.0	51.6	51.9	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 800	30.5	50.0	51.6	51.9	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 700	30.5	50.0	51.7	52.0	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 600	30.6	50.2	51.9	52.2	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 500	30.7	50.5	52.2	52.4	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 450	30.7	50.5	52.2	52.4	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 400	30.7	50.5	52.2	52.4	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 350	30.7	50.5	52.2	52.4	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 300	30.7	50.5	52.2	52.5	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 250	30.9	51.0	52.8	53.0	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 200	31.1	51.4	53.1	53.4	53.9	54.0	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 180	31.3	51.6	53.6	53.9	54.4	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7
GE 150	31.8	52.9	54.7	55.0	55.5	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8
GE 120	32.5	54.6	56.5	56.8	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6
GE 100	33.0	57.8	59.9	60.3	60.9	61.0	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 90	33.6	59.6	62.1	62.7	63.3	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6
GE 80	33.9	62.8	65.8	66.5	67.2	67.4	67.4	67.4	67.4	67.4	67.7	67.7	67.8	67.8	67.9	67.9	67.9	67.9
GE 70	34.2	64.7	68.5	69.7	70.8	71.0	71.2	71.4	71.4	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.7
GE 60	34.4	66.4	71.1	73.1	74.8	75.1	75.4	75.7	75.7	75.7	75.8	76.0	76.0	76.0	76.0	76.0	76.1	76.1
GE 50	34.4	68.1	73.7	77.0	79.6	80.1	80.5	81.0	81.0	81.0	81.1	81.3	81.3	81.3	81.4	81.4	81.5	81.6
GE 40	34.4	68.6	74.7	79.1	82.8	83.6	84.6	85.6	85.7	85.9	86.3	86.3	86.3	86.6	86.7	86.9	87.0	87.0
GE 30	34.5	68.7	75.0	79.8	84.3	85.1	86.7	88.3	88.6	89.6	90.7	91.3	91.4	91.5	91.5	92.2	92.6	92.6
GE 20	34.5	68.7	75.0	79.9	84.4	85.3	87.2	89.0	89.4	90.7	91.6	92.1	92.1	92.3	92.3	94.0	94.3	94.4
GE 10	34.5	68.7	75.0	79.9	84.4	85.3	87.2	89.0	89.4	90.7	91.6	92.1	92.1	92.3	92.3	94.0	94.3	94.4
GE 0	34.5	68.7	75.0	79.9	84.4	85.3	87.2	89.0	89.4	90.7	91.6	92.1	92.1	92.3	92.3	94.0	94.3	94.4

TOTAL NUMBER OF OBSERVATIONS: 2134

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: ALL HOURS(UT): 0600-0600

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	6.4	13.4	14.5	15.4	16.5	17.0	17.4	17.4	17.4	17.6	17.8	17.8	18.1	18.1	18.5	18.5
GE 20000	6.4	13.4	14.8	15.6	16.7	17.2	17.6	17.6	17.6	17.8	18.1	18.1	18.3	18.5	18.7	18.7
GE 18000	6.6	13.9	15.2	16.1	17.2	17.6	18.1	18.1	18.1	18.3	18.5	18.5	18.7	18.7	19.2	19.2
GE 16000	6.6	13.9	15.2	16.1	17.2	17.6	18.1	18.1	18.1	18.3	18.5	18.5	18.7	18.7	19.2	19.2
GE 14000	6.6	14.1	15.4	16.3	17.6	18.1	18.5	18.5	18.5	18.7	18.9	18.9	19.2	19.2	19.6	19.6
GE 12000	6.6	14.3	15.6	16.5	17.8	18.3	18.9	18.9	18.9	19.2	19.4	19.4	19.6	19.6	20.0	20.0
GE 10000	6.6	14.3	15.6	16.5	17.8	18.3	18.9	18.9	18.9	19.2	19.4	19.4	19.6	19.6	20.0	20.0
GE 9000	6.6	14.3	15.6	16.5	17.8	18.3	18.9	18.9	18.9	19.2	19.4	19.4	19.6	19.6	20.0	20.0
GE 8000	7.0	14.8	16.1	17.0	18.3	18.7	19.4	19.4	19.4	19.6	19.8	19.8	20.0	20.0	20.5	20.5
GE 7000	7.0	14.8	16.1	17.0	18.3	18.7	19.4	19.4	19.4	19.6	19.8	19.8	20.0	20.0	20.5	20.5
GE 6000	7.0	14.8	16.1	17.0	18.3	18.7	19.4	19.4	19.4	19.6	19.8	19.8	20.0	20.0	20.5	20.5
GE 5000	7.0	15.0	16.3	17.2	18.5	18.9	19.8	19.8	19.8	20.0	20.3	20.3	20.5	20.5	20.9	20.9
GE 4500	7.0	15.0	16.3	17.2	18.5	18.9	19.8	19.8	19.8	20.0	20.3	20.3	20.5	20.5	20.9	20.9
GE 4000	7.0	15.0	16.3	17.2	18.5	18.9	19.8	19.8	19.8	20.0	20.3	20.3	20.5	20.5	20.9	20.9
GE 3500	7.0	15.0	16.3	17.2	18.5	18.9	19.8	19.8	19.8	20.0	20.3	20.3	20.5	20.5	20.9	20.9
GE 3000	7.0	15.4	16.7	17.6	18.9	19.4	20.3	20.3	20.3	20.5	20.7	20.7	20.9	20.9	21.4	21.4
GE 2500	7.0	15.6	17.0	18.1	19.4	19.8	20.7	20.7	20.7	20.9	21.1	21.1	21.4	21.4	21.8	21.8
GE 2000	7.0	15.9	17.2	18.3	19.6	20.0	20.9	20.9	20.9	21.1	21.4	21.4	21.6	21.6	22.0	22.0
GE 1800	7.0	16.3	17.6	18.9	20.3	20.7	21.6	21.6	21.6	21.8	22.0	22.0	22.2	22.2	22.7	22.7
GE 1500	7.3	17.0	18.5	19.6	20.9	21.4	22.2	22.2	22.2	22.5	22.7	22.7	22.9	22.9	23.3	23.3
GE 1200	7.3	18.5	20.3	21.4	22.7	23.1	24.0	24.0	24.0	24.2	24.4	24.4	24.7	24.7	25.1	25.1
GE 1000	7.4	19.8	21.6	22.9	24.2	24.7	25.6	25.6	25.6	25.9	26.0	26.0	26.2	26.2	26.7	26.7
GE 900	7.0	21.6	23.6	24.7	26.2	26.7	27.5	27.5	27.5	27.8	28.0	28.0	28.2	28.2	28.6	28.6
GE 800	7.3	23.3	26.0	27.5	29.1	29.6	30.4	30.4	30.4	30.8	31.1	31.1	31.3	31.3	31.7	31.7
GE 700	7.3	24.4	27.1	29.3	31.3	32.2	33.3	33.3	33.3	33.7	33.9	33.9	34.1	34.1	34.6	34.6
GE 600	7.3	24.7	28.2	31.1	33.3	34.1	35.2	35.2	35.2	35.9	36.1	36.1	36.6	36.6	37.0	37.0
GE 500	7.3	26.4	31.1	35.9	40.1	41.6	43.6	44.1	44.5	44.9	45.4	45.6	46.0	46.0	46.5	47.1
GE 400	7.3	27.1	31.9	37.7	43.4	45.4	48.0	50.4	51.3	52.4	53.5	54.0	54.8	55.3	56.8	58.4
GE 300	7.3	27.1	31.9	37.9	43.8	46.9	51.5	55.7	56.8	59.9	63.0	64.1	66.3	67.2	69.6	72.7
GE 200	7.3	27.1	31.9	36.3	44.5	48.2	53.1	57.5	58.6	63.7	67.4	69.4	73.6	75.1	81.9	89.9
GE 100	7.7	27.1	31.9	38.3	44.5	46.2	53.1	57.5	58.6	63.7	67.6	69.6	73.8	75.3	85.0	96.2
GE 0	7.3	27.1	31.9	38.3	44.5	48.2	53.1	57.5	58.6	63.7	67.6	69.6	74.0	75.8	85.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 464

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: ALL HOURS(1ST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 1/8
NO CEIL	26.0	41.4	43.0	44.0	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 2000	26.3	42.3	43.9	44.9	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 1800	26.8	42.8	44.4	45.5	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 1600	26.8	42.8	44.4	45.5	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 1400	26.8	43.0	44.6	45.6	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 1200	26.8	44.0	45.9	46.9	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 1000	26.9	44.3	46.2	47.2	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 900	26.9	44.3	46.2	47.2	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 800	27.7	44.7	46.6	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 700	27.5	44.9	46.8	47.8	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 600	27.5	44.9	46.8	47.8	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 500	27.8	45.2	47.1	48.1	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 450	27.8	45.2	47.1	48.1	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 400	27.8	45.2	47.1	48.1	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 350	27.8	45.2	47.1	48.1	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 300	27.8	45.5	47.4	48.4	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 250	27.9	45.8	47.7	48.7	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 200	28.2	46.6	48.6	49.9	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 180	28.7	47.7	49.9	50.9	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 150	29.2	49.3	51.6	52.6	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 120	29.5	50.7	53.2	54.4	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 100	30.4	53.9	57.3	59.1	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 90	30.8	56.3	59.8	61.5	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 80	31.0	59.5	63.9	66.5	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 70	31.0	61.4	67.4	70.9	72.5	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 60	31.1	63.3	70.6	75.6	78.1	78.4	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 50	31.1	64.5	73.8	80.7	84.1	84.6	84.9	85.2	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 40	31.1	64.5	74.0	82.7	89.0	89.2	90.1	91.5	91.8	92.1	92.4	92.4	92.4	92.4	92.7	92.7
GE 30	31.1	64.5	74.3	83.8	89.9	91.5	92.7	94.6	95.3	96.3	97.1	97.2	97.4	97.5	98.1	98.1
GE 20	31.1	64.6	74.4	83.9	89.9	91.7	93.0	95.0	95.8	96.8	97.5	97.8	98.5	99.0	99.6	99.7
GE 10	31.1	64.6	74.4	83.9	89.9	91.7	93.0	95.0	95.8	96.8	97.5	97.8	98.5	99.1	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 604

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-64
MONTH: AUG HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GF 0	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GF 1 1/2	GE 1 1/4	GE 1	GE 3/4	GF 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	40.3	65.4	67.6	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 20000	41.4	67.7	70.3	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 18000	41.4	67.7	70.3	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 16000	41.4	67.7	70.3	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 14000	41.5	68.2	70.4	71.6	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 12000	41.9	69.0	71.6	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	41.9	69.3	71.9	72.8	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 9000	41.9	69.3	71.9	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 8000	42.4	69.7	72.4	73.3	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 7000	42.5	69.9	72.5	73.4	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 6000	42.5	69.9	72.5	73.4	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 5000	43.1	70.5	73.1	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 4500	43.1	70.5	73.1	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 4000	43.3	70.6	73.3	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 3500	43.3	70.6	73.3	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 3000	43.3	70.9	73.6	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 2500	43.6	71.2	73.9	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 2000	44.5	72.5	75.2	76.1	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 1800	44.6	73.1	75.8	76.7	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 1500	44.9	74.0	76.8	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 1200	46.5	76.8	79.8	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 1000	47.3	81.2	84.6	86.0	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 900	47.3	82.4	86.1	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 800	47.3	84.8	88.8	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 700	47.3	86.0	90.7	93.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 600	47.3	86.5	92.0	95.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 500	47.3	86.9	93.5	97.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 400	47.3	87.0	94.1	97.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	47.3	87.0	94.1	97.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	47.3	87.1	94.2	97.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	47.3	87.1	94.2	97.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 0	47.3	87.1	94.2	97.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 677

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENREPG AFB CA

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	34.1	58.1	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 10000	38.7	59.8	60.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 14000	39.7	59.8	60.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 16000	39.7	59.8	60.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 14000	39.9	60.5	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 12000	39.1	61.1	62.2	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 10000	39.7	62.4	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	63.8
GE 9000	39.7	62.4	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	63.8
GE 8000	40.2	62.8	63.8	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 7000	40.6	63.2	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 6000	40.6	63.2	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 5000	41.2	63.8	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 4500	41.2	63.8	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 4000	41.2	63.8	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 3500	41.2	63.8	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 3000	41.6	64.3	65.3	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 2500	41.6	64.3	65.3	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 2000	42.1	64.7	65.8	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 1800	42.3	64.9	66.0	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 1500	43.6	66.6	67.7	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 1200	44.6	69.3	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 1000	45.2	73.6	74.6	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 900	45.7	75.5	76.7	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 800	45.9	78.6	80.3	81.2	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 700	45.9	81.8	85.2	86.6	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 600	46.3	83.9	88.4	91.1	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 500	46.3	84.6	90.3	94.3	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 400	46.3	84.8	90.7	94.4	97.3	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 300	46.3	84.8	90.7	95.3	97.7	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 200	46.3	84.8	90.7	95.3	97.7	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 100	46.3	84.8	90.7	95.3	97.7	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 0	46.3	84.8	90.7	95.3	97.7	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS: 473

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	29.9	46.4	48.0	48.8	49.3	49.3	49.4	49.4	49.4	49.5	49.5	49.5	49.6	49.6	49.7	49.7
GE 20000	29.4	47.7	49.4	50.3	50.7	50.8	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.0	51.1	51.1
GE 18000	29.5	47.9	49.7	50.5	51.0	51.0	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.3	51.3	51.4
GE 16000	29.5	47.9	49.7	50.5	51.0	51.0	51.1	51.1	51.1	51.2	51.2	51.2	51.3	51.3	51.4	51.4
GE 14000	29.6	48.3	50.1	50.9	51.4	51.5	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.8	51.8
GE 12000	29.8	49.0	50.9	51.7	52.2	52.3	52.4	52.4	52.4	52.5	52.5	52.5	52.6	52.6	52.7	52.7
GE 10000	30.0	49.5	51.3	52.1	52.7	52.8	52.9	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.1	53.1
GE 9000	30.0	49.5	51.3	52.1	52.7	52.8	52.9	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.1	53.1
GE 8000	30.4	49.9	51.7	52.6	53.1	53.2	53.3	53.3	53.3	53.4	53.4	53.4	53.5	53.5	53.5	53.5
GE 7000	30.6	50.1	51.9	52.8	53.3	53.4	53.5	53.5	53.5	53.5	53.6	53.6	53.6	53.6	53.7	53.7
GE 6000	30.6	50.1	51.9	52.8	53.3	53.4	53.5	53.5	53.5	53.5	53.6	53.6	53.6	53.6	53.7	53.7
GE 5000	31.0	50.5	52.4	53.2	53.7	53.8	54.0	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.2	54.2
GE 4500	31.0	50.5	52.4	53.2	53.7	53.8	54.0	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.2	54.2
GE 4000	31.0	50.6	52.4	53.2	53.8	53.8	54.0	54.0	54.0	54.1	54.1	54.1	54.2	54.2	54.2	54.2
GE 3500	31.0	50.6	52.4	53.2	53.8	53.8	54.0	54.0	54.0	54.1	54.1	54.1	54.2	54.2	54.2	54.2
GE 3000	31.1	50.9	52.8	53.6	54.1	54.2	54.4	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.6	54.6
GE 2500	31.2	51.1	53.0	53.8	54.4	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.8	54.8	54.9	54.9
GE 2000	31.7	51.9	53.8	54.7	55.2	55.3	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.7	55.7
GE 1800	31.9	52.5	54.5	55.4	55.9	56.0	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.4	56.4
GE 1600	32.5	53.8	55.6	56.7	57.2	57.3	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.7	57.7
GE 1200	33.4	55.9	58.1	59.0	59.5	59.6	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	60.0	60.0
GE 1000	34.1	59.3	62.0	63.2	63.9	63.9	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.3	64.3
GE 900	34.4	61.1	63.9	65.2	66.0	66.1	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.5	66.5
GE 800	34.6	63.8	67.1	68.8	69.7	69.9	70.1	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.4	70.4
GE 700	34.6	65.6	70.0	72.4	73.6	73.9	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.5	74.5
GE 600	34.7	66.7	72.2	75.7	77.5	77.9	78.2	78.2	78.3	78.4	78.4	78.5	78.5	78.5	78.6	78.6
GE 500	34.7	67.7	74.0	79.5	82.1	82.7	83.2	83.3	83.5	83.7	83.7	83.8	83.9	83.9	84.0	84.1
GE 400	34.7	67.9	75.0	80.7	84.4	85.3	86.1	87.1	87.3	87.7	88.0	88.1	88.3	88.4	88.8	89.1
GE 300	34.7	67.9	75.1	81.2	85.1	86.5	87.8	89.2	89.6	90.6	91.5	91.8	92.3	92.5	93.1	93.8
GE 200	34.7	68.0	75.2	81.4	85.3	86.8	88.2	89.7	90.2	91.6	92.7	93.2	94.2	94.7	96.2	97.9
GE 100	34.7	68.0	75.2	81.4	85.3	86.8	88.2	89.7	90.2	91.6	92.7	93.2	94.3	94.8	96.9	99.7
GE 0	34.7	68.0	75.2	81.4	85.3	86.8	88.2	89.7	90.2	91.6	92.7	93.2	94.3	94.9	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 2268

GLOBAL CLIMATOLOGY BRANCH
USAF/CLTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDERBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	24.9	32.9	33.6	34.5	35.2	35.4	35.7	35.7	35.7	35.9	36.1	36.4	36.6	36.6	36.8	37.5
GE 20000	25.6	34.0	34.7	35.7	36.4	36.6	36.8	36.8	36.9	37.3	37.5	37.8	38.0	38.0	38.2	38.9
GE 18000	26.1	34.7	35.9	36.8	37.5	37.8	38.0	38.0	38.0	38.5	38.7	38.9	39.2	39.2	39.4	40.1
GE 16000	26.1	34.7	35.9	36.8	37.5	37.8	38.0	38.0	38.0	38.5	38.7	38.9	39.2	39.2	39.4	40.1
GE 14000	26.3	35.0	36.1	37.1	37.8	38.0	38.2	38.2	38.2	38.7	38.9	39.2	39.4	39.4	39.6	40.3
GE 12000	26.6	35.2	36.4	37.3	38.0	38.2	38.5	38.5	38.5	38.9	39.2	39.4	39.6	39.6	39.9	40.6
GE 10000	27.7	36.6	37.8	38.7	39.4	39.6	39.9	39.9	39.9	40.3	40.6	41.0	41.3	41.3	41.5	42.2
GE 9000	28.2	37.3	38.5	39.4	40.1	40.3	40.6	40.6	40.6	41.0	41.3	41.5	42.0	42.0	42.2	42.9
GE 8000	28.2	37.3	38.5	39.4	40.1	40.3	40.6	40.6	40.6	41.0	41.3	41.5	42.0	42.0	42.2	42.9
GE 7000	28.2	37.3	38.5	39.4	40.1	40.3	40.6	40.6	40.6	41.0	41.3	41.5	42.0	42.0	42.2	42.9
GE 6000	28.4	37.5	38.7	39.6	40.6	40.6	40.8	41.0	41.0	41.5	41.7	42.2	42.4	42.4	42.7	43.4
GE 5000	29.1	38.5	39.6	40.6	41.5	41.7	42.0	42.0	42.0	42.4	42.7	43.1	43.4	43.4	43.6	44.3
GE 4500	29.4	38.7	39.9	40.6	41.7	42.0	42.2	42.2	42.2	42.7	42.9	43.4	43.6	43.6	43.8	44.5
GE 4000	29.4	38.7	40.1	41.0	42.0	42.2	42.4	42.4	42.4	42.9	43.1	43.6	43.8	43.8	44.1	44.8
GE 3500	30.3	40.1	41.5	42.4	43.4	43.6	43.9	43.8	43.8	44.3	44.5	45.0	45.2	45.2	45.5	46.2
GE 3000	31.2	41.3	42.9	43.8	44.8	45.0	45.2	45.2	45.2	45.7	45.9	46.4	46.6	46.6	46.9	47.6
GE 2500	33.1	43.4	45.0	45.9	46.9	47.1	47.7	47.3	47.3	47.8	48.0	48.5	48.7	48.7	49.0	49.7
GE 2000	35.0	45.9	47.6	48.5	49.4	49.7	49.9	49.9	49.9	50.3	50.6	51.0	51.3	51.3	51.5	52.2
GE 1800	35.7	47.8	49.4	50.3	51.3	51.5	51.7	51.7	51.7	52.2	52.4	52.9	53.1	53.1	53.4	54.1
GE 1500	36.6	49.0	50.6	51.5	52.4	52.7	52.9	52.9	52.9	53.4	53.6	54.1	54.3	54.3	54.5	55.2
GE 1200	36.8	49.9	51.5	52.9	53.8	54.1	54.3	54.3	54.3	54.8	55.0	55.5	55.7	55.7	55.9	56.6
GE 1000	37.1	50.8	52.4	53.6	54.8	55.2	55.5	55.7	55.7	56.2	56.4	56.9	57.1	57.1	57.3	58.0
GE 900	37.1	51.0	52.7	54.5	55.5	55.9	56.4	56.6	56.6	57.1	57.3	57.8	58.0	58.0	58.3	59.0
GE 800	37.1	51.3	53.1	55.0	55.9	56.4	56.9	57.3	57.3	57.8	58.0	58.5	58.7	58.7	59.0	59.7
GE 700	37.1	51.5	54.1	56.4	57.8	58.3	58.7	59.2	59.2	59.7	59.9	60.4	60.6	60.6	60.8	61.5
GE 600	37.1	52.2	54.8	57.3	59.2	59.7	60.1	60.6	60.6	61.1	61.3	61.8	62.0	62.0	62.2	62.9
GE 500	37.3	52.4	55.7	58.6	62.7	63.2	64.1	65.0	65.0	65.5	65.7	66.2	66.4	66.4	66.7	67.4
GE 400	37.3	52.9	56.2	62.7	65.7	66.4	67.1	67.9	67.9	68.4	68.6	69.1	69.3	69.3	69.6	70.3
GE 300	37.3	52.9	56.2	62.7	66.7	67.4	68.1	68.9	68.9	69.4	69.6	70.1	70.3	70.3	70.6	71.3
GE 200	37.3	52.9	56.2	62.7	66.7	67.4	68.1	68.9	68.9	69.4	69.6	70.1	70.3	70.3	70.6	71.3
GE 100	37.3	52.9	56.2	62.7	66.7	67.4	68.1	68.9	68.9	69.4	69.6	70.1	70.3	70.3	70.6	71.3
GE 0	37.3	52.9	56.2	62.7	66.7	67.4	68.1	68.9	68.9	69.4	69.6	70.1	70.3	70.3	70.6	71.3
GE 0	37.3	52.9	56.2	62.7	66.7	67.4	68.1	68.9	68.9	69.4	69.6	70.1	70.3	70.3	70.6	71.3

TOTAL NUMBER OF OBSERVATIONS: 429

GLOBAL CLIMATOLOGY BRANCH
USAF/CLAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(IST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8	
NO CEIL	37.7	52.5	54.0	54.6	55.7	56.1	56.4	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	
GE 20000	38.2	53.8	55.5	56.3	57.2	57.7	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	
GE 18000	38.3	54.0	55.7	56.4	57.4	57.8	58.1	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	
GE 16000	38.5	54.1	55.8	56.6	57.5	58.0	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	
GE 14000	38.8	54.9	56.6	57.4	58.3	58.7	59.0	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	
GE 12000	38.8	55.1	56.9	57.7	58.6	59.0	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	
GE 10000	40.0	56.6	58.4	59.4	60.3	60.7	61.3	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	
GE 9000	40.6	57.2	59.0	60.0	60.9	61.3	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	
GE 8000	40.6	57.5	59.4	60.4	61.3	61.8	62.1	62.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	
GE 7000	41.0	57.8	59.7	60.7	61.7	62.1	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	
GE 6000	41.0	57.8	59.7	60.7	61.7	62.1	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	
GE 5000	41.3	58.3	60.1	61.2	62.1	62.6	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	
GE 4500	41.7	58.7	60.6	61.7	62.6	63.0	63.3	63.3	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	
GE 4000	42.3	59.6	61.8	62.9	63.8	64.3	64.6	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	
GE 3500	42.5	60.3	62.3	63.3	64.3	64.7	65.0	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	
GE 3000	43.7	61.5	63.5	64.5	65.5	66.0	66.3	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	
GE 2500	45.0	64.1	66.1	67.2	68.1	68.6	68.9	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	
GE 2000	48.8	67.8	69.8	70.9	71.9	72.4	72.7	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	
GE 1800	48.8	67.9	69.9	71.0	72.1	72.5	72.9	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	
GE 1500	48.9	68.3	70.4	71.5	72.5	73.0	73.3	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	
GE 1200	49.2	69.5	71.9	73.0	74.1	74.5	74.8	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	
GE 1000	49.2	70.2	73.6	74.6	75.9	76.4	76.7	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	
GE 900	49.2	71.2	75.0	76.5	77.6	78.1	78.4	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	
GE 800	49.4	72.1	75.9	77.9	79.0	79.4	79.8	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	
GE 700	49.4	73.8	78.1	80.5	81.7	82.2	82.5	82.7	82.7	82.8	83.0	83.0	83.0	83.0	83.0	83.0	
GE 600	49.4	74.7	79.6	82.4	83.9	84.5	85.0	85.6	85.6	85.7	85.9	85.9	85.9	85.9	85.9	85.9	
GE 500	49.4	75.6	81.1	85.1	87.7	88.7	89.4	90.2	90.2	90.5	90.6	90.6	90.6	90.6	90.6	90.6	
GE 400	49.5	75.9	81.4	86.8	89.9	91.3	92.5	93.6	93.7	94.0	94.5	94.5	94.5	94.5	94.5	94.5	
GE 300	49.5	75.9	81.7	87.3	90.8	92.2	94.0	95.9	96.2	96.5	97.4	97.4	97.7	97.7	97.9	97.9	
GE 200	49.5	75.9	81.7	87.3	90.8	92.3	94.7	96.3	96.6	96.9	98.2	98.2	98.6	98.6	99.5	99.7	
GE 100	49.5	75.9	81.7	87.3	90.8	92.3	94.7	96.3	96.6	96.9	98.2	98.2	98.6	98.6	99.7	100.0	
GE 0	49.5	75.9	81.7	87.3	90.8	92.3	94.7	96.3	96.6	96.9	98.2	98.2	98.6	98.6	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 652

GLOBAL CLIMATOLOGY BRANCH
USAFETAP
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(UT): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	48.1	64.7	67.0	67.2	68.2	68.2	68.2	68.2	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4
GE 20000	49.8	67.6	69.9	70.1	71.1	71.1	71.1	71.1	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3
GE 18000	49.9	67.9	70.2	70.4	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6
GE 16000	49.9	67.9	70.2	70.4	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6
GE 14000	50.2	68.7	71.0	71.1	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5
GE 12000	50.5	69.5	72.1	72.2	73.4	73.4	73.4	73.4	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6
GE 10000	51.3	71.5	74.0	74.2	75.4	75.4	75.4	75.4	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6
GE 9000	52.1	72.2	74.6	75.0	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3
GE 8000	52.1	72.4	75.0	75.1	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5
GE 7000	52.1	72.4	75.0	75.1	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5
GE 6000	52.4	72.7	75.3	75.4	76.6	76.6	76.6	76.6	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8
GE 5000	52.5	72.8	75.4	75.6	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9
GE 4500	52.8	73.1	75.7	75.9	77.1	77.1	77.1	77.1	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3
GE 4000	53.9	74.4	76.9	77.1	78.3	78.3	78.3	78.3	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5
GE 3500	55.1	76.0	78.6	78.8	80.0	80.0	80.0	80.0	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2
GE 3000	55.9	77.1	79.7	79.8	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2
GE 2500	57.1	78.3	80.9	81.1	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4
GE 2000	58.0	79.2	82.0	82.1	83.4	83.4	83.4	83.4	83.4	83.4	83.7	83.7	83.7	83.7	83.7	83.7
GE 1800	58.0	79.5	82.4	82.6	83.8	83.8	83.8	83.8	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.1
GE 1500	58.5	80.2	83.1	83.2	84.4	84.4	84.4	84.4	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7
GE 1200	58.9	81.7	84.6	84.7	86.1	86.1	86.1	86.1	86.1	86.1	86.4	86.4	86.4	86.4	86.4	86.4
GE 1000	58.9	82.4	85.6	86.0	87.3	87.3	87.3	87.3	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6
GE 900	59.1	83.6	87.3	87.6	89.2	89.2	89.2	89.2	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5
GE 800	59.1	84.9	88.7	89.0	91.0	91.0	91.0	91.0	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3
GE 700	59.1	86.3	90.4	91.0	93.0	93.0	93.0	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3
GE 600	59.1	86.9	91.6	92.5	94.5	94.5	94.5	94.5	94.5	94.5	95.1	95.1	95.1	95.1	95.1	95.1
GE 500	59.1	87.3	92.7	93.9	96.0	96.0	96.0	96.0	96.0	96.0	97.3	97.3	97.3	97.3	97.3	97.3
GE 400	59.1	87.5	92.8	94.2	96.3	96.3	96.3	96.3	96.3	96.3	97.7	97.7	97.7	97.7	97.7	97.7
GE 300	59.1	87.5	92.8	94.4	96.5	96.5	96.5	96.5	96.5	96.5	98.3	98.3	98.3	98.3	98.3	98.3
GE 200	59.1	87.5	92.8	94.5	96.6	96.6	96.6	96.6	96.6	96.6	98.9	98.9	98.9	98.9	98.9	98.9
GE 100	59.1	87.5	92.8	94.5	96.6	96.6	96.6	96.6	96.6	96.6	99.2	99.2	99.2	99.2	99.2	99.2
GE 0	59.1	87.5	92.8	94.5	96.6	96.6	96.6	96.6	96.6	96.6	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS: 655

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS: 1500-1700

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31	33
	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31	33
NO CEIL	44.4	59.0	60.3	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 20000	46.4	60.9	62.7	63.5	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 18000	46.4	60.9	62.7	63.5	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 16000	46.4	60.9	62.7	63.5	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 14000	46.6	61.2	62.9	63.7	64.2	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 12000	47.6	62.2	63.9	64.6	65.1	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 10000	48.7	63.5	65.2	66.1	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 9000	49.1	63.9	65.7	66.5	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
GE 8000	49.6	64.4	66.1	67.0	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 7000	49.6	64.4	66.1	67.0	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 6000	50.0	65.0	66.7	67.6	68.0	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 5000	50.2	65.2	67.0	67.8	68.2	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 4500	50.2	65.2	67.0	67.8	68.2	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 4000	50.9	65.9	67.6	68.5	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
GE 3500	52.1	67.2	68.9	69.7	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 3000	53.4	68.9	71.6	71.5	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 2500	54.1	69.5	71.2	72.1	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 2000	55.2	70.6	72.3	73.2	73.8	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 1800	55.2	70.6	72.3	73.2	73.8	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 1500	55.8	71.5	73.4	74.2	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 1200	56.0	73.2	75.1	76.0	76.6	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 1000	56.0	76.0	79.1	79.2	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 900	56.2	77.0	79.4	80.5	81.1	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 800	56.4	78.5	81.5	82.6	83.7	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 700	56.4	80.9	84.5	85.8	87.1	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 600	56.4	81.5	85.8	87.8	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 500	56.4	81.8	87.1	89.7	91.8	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 400	56.4	82.0	87.6	91.2	93.4	95.3	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 300	56.4	82.0	87.6	91.4	94.0	95.5	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 200	56.4	82.0	87.6	91.6	94.2	95.7	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 100	56.4	82.0	87.6	91.6	94.2	95.7	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 0	56.4	82.0	87.8	91.6	94.2	95.7	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9

TOTAL NUMBER OF OBSERVATIONS: 466

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 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	53.7	55.2	55.9	56.6	56.8	56.9	56.9	56.9	57.1	57.1	57.2	57.2	57.2	57.3	57.4
GE 20000	40.9	55.6	57.3	57.9	58.7	58.9	59.0	59.0	59.0	59.2	59.3	59.3	59.4	59.4	59.4	59.5
GE 18000	41.1	55.9	57.6	58.3	59.0	59.3	59.4	59.4	59.4	59.6	59.6	59.7	59.7	59.7	59.8	59.9
GE 16000	41.1	55.9	57.7	58.3	59.1	59.3	59.4	59.4	59.4	59.6	59.7	59.7	59.8	59.8	59.8	59.9
GE 14000	41.4	56.4	58.2	58.9	59.7	59.9	60.1	60.1	60.1	60.3	60.3	60.4	60.4	60.4	60.4	60.6
GE 12000	41.8	57.0	58.9	59.5	60.4	60.6	60.9	60.9	60.9	60.9	61.0	61.0	61.1	61.1	61.1	61.3
GE 10000	42.8	58.6	60.5	61.2	62.0	62.3	62.4	62.4	62.4	62.6	62.6	62.7	62.8	62.8	62.8	62.9
GE 9000	43.4	59.2	61.1	61.8	62.7	62.9	63.0	63.0	63.0	63.2	63.3	63.4	63.4	63.4	63.4	63.6
GE 8000	43.5	59.4	61.4	62.1	63.0	63.2	63.4	63.4	63.4	63.5	63.6	63.7	63.7	63.7	63.8	63.9
GE 7000	43.6	59.5	61.4	62.2	63.1	63.3	63.4	63.4	63.4	63.6	63.6	63.7	63.8	63.8	63.8	64.0
GE 6000	43.8	59.8	61.7	62.4	63.4	63.6	63.7	63.7	63.7	63.9	63.9	64.0	64.1	64.1	64.1	64.3
GE 5000	44.1	60.2	62.1	62.9	63.8	64.0	64.1	64.1	64.1	64.3	64.4	64.4	64.5	64.5	64.5	64.7
GE 4500	44.4	60.5	62.4	63.1	64.0	64.3	64.4	64.4	64.4	64.6	64.6	64.7	64.8	64.8	64.8	64.9
GE 4000	45.0	61.3	63.3	64.0	64.9	65.2	65.3	65.3	65.3	65.5	65.6	65.7	65.7	65.7	65.8	65.9
GE 3500	45.9	62.5	64.5	65.2	66.1	66.3	66.5	66.5	66.5	66.7	66.8	66.8	66.9	66.9	66.9	67.1
GE 3000	47.0	63.8	65.8	66.5	67.5	67.7	67.8	67.9	67.9	68.1	68.1	68.2	68.3	68.3	68.3	68.4
GE 2500	48.5	65.4	67.5	68.2	69.2	69.4	69.5	69.6	69.6	69.8	69.8	69.9	69.9	69.9	70.0	70.1
GE 2000	50.2	67.5	69.6	70.3	71.3	71.6	71.7	71.8	71.8	72.0	72.0	72.1	72.2	72.2	72.2	72.3
GE 1800	50.3	68.0	70.2	70.9	71.9	72.1	72.3	72.3	72.3	72.5	72.6	72.7	72.7	72.7	72.8	72.9
GE 1500	50.8	68.7	70.9	71.7	72.7	72.9	73.0	73.1	73.1	73.3	73.3	73.4	73.5	73.5	73.5	73.7
GE 1200	51.1	70.1	72.4	73.2	74.3	74.5	74.6	74.7	74.7	74.9	74.9	75.0	75.1	75.1	75.1	75.2
GE 1000	51.2	71.3	74.0	75.0	76.0	76.3	76.4	76.6	76.6	76.7	76.8	76.9	77.0	77.0	77.0	77.2
GE 900	51.3	72.3	75.2	76.4	77.5	77.7	77.9	78.1	78.1	78.3	78.4	78.5	78.5	78.5	78.6	78.7
GE 800	51.4	73.2	76.5	77.7	79.1	79.3	79.5	79.7	79.7	79.9	80.0	80.1	80.2	80.2	80.2	80.3
GE 700	51.4	74.7	78.4	80.1	81.6	81.8	82.1	82.3	82.3	82.5	82.6	82.7	82.7	82.7	82.8	82.9
GE 600	51.4	75.4	79.7	81.7	83.4	83.7	84.1	84.5	84.5	84.7	84.8	84.9	84.9	84.9	85.0	85.1
GE 500	51.4	75.9	80.9	83.9	86.2	86.6	87.7	88.3	88.3	88.6	88.7	88.8	88.9	88.9	88.9	89.1
GE 400	51.5	76.2	81.2	85.2	87.9	88.9	90.0	91.0	91.1	91.4	91.7	91.6	92.0	92.0	92.1	92.3
GE 300	51.5	76.2	81.3	85.5	88.4	89.4	91.0	92.4	92.5	93.1	93.6	93.8	94.1	94.3	94.7	95.0
GE 200	51.5	76.2	81.3	85.6	88.6	89.6	91.3	92.9	93.1	93.9	94.9	95.1	95.6	95.9	97.0	98.3
GE 100	51.5	76.2	81.3	85.6	88.6	89.6	91.3	92.9	93.1	93.9	94.9	95.1	95.7	96.0	97.4	99.7
GE 0	51.5	76.2	81.3	85.6	88.6	89.6	91.3	92.9	93.1	93.9	94.9	95.1	95.7	96.0	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 2202

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(UTC): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8	GE 1/16	GE 1/32
NO CEIL	44.7	51.8	52.3	52.8	53.8	54.3	54.8	55.1	55.1	55.2	55.3	55.3	55.8	55.8	55.8	55.8
GE 20000	45.0	54.8	55.3	55.8	56.8	57.3	58.1	58.6	58.6	58.8	58.8	58.8	58.8	58.8	59.3	59.6
GE 18000	46.0	54.8	55.3	55.8	56.8	57.3	58.1	58.6	58.6	58.8	58.8	58.8	58.8	58.8	59.3	59.6
GE 16000	46.0	54.8	55.3	55.8	56.8	57.3	58.1	58.6	58.6	58.8	58.8	58.8	58.8	58.8	59.3	59.6
GE 14000	46.2	55.3	56.1	56.6	57.6	58.1	58.8	59.3	59.3	59.6	59.6	59.6	60.1	60.1	60.1	60.4
GE 12000	46.5	56.1	56.8	57.3	58.3	58.8	59.6	60.1	60.1	60.4	60.4	60.4	60.9	60.9	60.9	61.1
GE 10000	47.5	57.6	58.3	58.8	59.8	60.4	61.1	61.6	61.6	61.9	61.9	61.9	62.4	62.4	62.4	62.6
GE 9000	47.5	57.6	58.3	58.8	59.8	60.4	61.1	61.6	61.6	61.9	61.9	61.9	62.4	62.4	62.4	62.6
GE 8000	48.2	58.3	59.1	59.6	60.6	61.1	61.9	62.4	62.4	62.6	62.6	62.6	63.1	63.1	63.1	63.4
GE 7000	48.2	58.3	59.1	59.6	60.6	61.1	61.9	62.4	62.4	62.6	62.6	62.6	63.1	63.1	63.1	63.4
GE 6000	48.2	58.3	59.1	59.6	60.6	61.1	61.9	62.4	62.4	62.6	62.6	62.6	63.1	63.1	63.1	63.4
GE 5000	48.2	58.6	59.3	59.8	60.9	61.4	62.1	62.6	62.6	62.9	62.9	62.9	63.4	63.4	63.4	63.6
GE 4500	48.2	58.6	59.3	59.8	60.9	61.4	62.1	62.6	62.6	62.9	62.9	62.9	63.4	63.4	63.4	63.6
GE 4000	48.7	59.1	59.8	60.4	61.4	61.9	62.6	63.1	63.1	63.4	63.4	63.4	63.9	63.9	63.9	64.1
GE 3500	49.0	59.3	60.1	60.6	61.6	62.1	62.9	63.4	63.4	63.6	63.6	63.6	64.1	64.1	64.1	64.4
GE 3000	49.5	60.1	60.9	61.4	62.4	62.9	63.6	64.1	64.1	64.4	64.4	64.4	64.9	64.9	64.9	65.2
GE 2500	49.5	60.1	61.1	61.6	62.9	63.4	64.1	64.6	64.6	64.9	64.9	64.9	65.4	65.4	65.4	65.7
GE 2000	49.5	60.6	61.6	62.1	63.9	64.4	65.2	65.7	65.7	65.9	65.9	65.9	66.4	66.4	66.4	66.7
GE 1800	49.7	61.1	62.1	62.6	64.4	64.9	65.7	66.2	66.2	66.4	66.4	66.4	66.9	66.9	66.9	67.2
GE 1600	50.3	61.9	62.9	63.6	65.4	66.2	67.2	67.9	67.9	68.2	68.2	68.2	68.7	68.7	68.7	68.9
GE 1400	50.5	62.1	63.4	64.6	66.9	67.7	68.7	69.4	69.4	69.7	69.7	69.7	70.2	70.2	70.2	70.5
GE 1200	50.5	62.4	63.6	65.4	67.7	68.4	69.4	70.2	70.2	70.5	70.5	70.5	71.0	71.0	71.0	71.2
GE 1000	50.8	63.4	64.6	66.4	68.4	69.4	70.7	71.5	71.5	71.7	71.7	71.7	72.2	72.2	72.2	72.5
GE 900	50.8	63.6	64.9	66.7	69.4	70.4	71.4	72.0	72.7	73.0	73.0	73.0	73.5	73.5	73.5	73.7
GE 800	51.0	64.4	65.7	67.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 700	51.0	64.4	65.7	67.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 600	51.0	64.4	65.7	67.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 500	51.3	64.9	66.4	68.4	73.1	74.0	74.3	74.5	74.5	74.8	74.8	74.8	75.3	75.3	75.3	75.6
GE 400	51.3	64.9	66.4	68.4	73.1	74.0	74.3	74.5	74.5	74.8	74.8	74.8	75.3	75.3	75.3	75.6
GE 300	51.3	64.9	66.4	68.4	73.1	74.0	74.3	74.5	74.5	74.8	74.8	74.8	75.3	75.3	75.3	75.6
GE 200	51.3	64.9	66.4	68.4	73.1	74.0	74.3	74.5	74.5	74.8	74.8	74.8	75.3	75.3	75.3	75.6
GE 100	51.3	64.9	66.4	68.4	73.1	74.0	74.3	74.5	74.5	74.8	74.8	74.8	75.3	75.3	75.3	75.6

TOTAL NUMBER OF OBSERVATIONS: 366

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE 10	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8
NO CEIL	51.9	61.6	63.4	64.1	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 20000	54.0	65.8	63.2	64.3	64.6	64.6	64.9	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 18000	54.1	66.0	64.4	64.5	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 16000	54.1	66.0	64.4	64.5	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 14000	54.6	66.8	64.1	70.6	70.4	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 12000	54.7	66.9	64.3	70.7	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 10000	55.2	68.5	70.9	72.8	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 9000	55.2	68.5	70.9	72.8	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 8000	55.9	69.3	71.7	73.6	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 7000	55.9	69.3	71.7	73.6	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 6000	55.9	69.3	71.7	73.6	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 5000	56.0	69.6	72.0	73.9	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4500	56.0	69.6	72.0	73.9	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4000	56.0	69.6	72.0	73.9	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 3500	56.5	70.1	72.5	74.4	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 3000	56.5	70.1	72.5	74.4	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 2500	56.5	70.3	72.9	75.0	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 2000	57.6	72.2	75.0	77.2	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 1800	57.9	72.6	75.6	77.8	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 1600	58.5	73.7	76.4	79.4	79.4	79.4	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 1400	58.4	74.7	74.0	80.7	81.2	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 1200	58.9	75.2	74.5	81.6	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 1000	58.9	75.2	74.5	81.6	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 900	58.9	75.2	74.5	81.6	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 800	58.9	75.2	74.5	81.6	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 700	58.9	75.2	74.5	81.6	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 600	58.9	75.2	74.5	81.6	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 500	58.9	75.2	74.5	81.6	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 400	58.9	75.2	74.5	81.6	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 300	58.9	75.2	74.5	81.6	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 200	58.9	75.2	74.5	81.6	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 100	58.9	75.2	74.5	81.6	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 50	58.9	75.2	74.5	81.6	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 25	58.9	75.2	74.5	81.6	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 10	58.9	75.2	74.5	81.6	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 5	58.9	75.2	74.5	81.6	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 2	58.9	75.2	74.5	81.6	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 1	58.9	75.2	74.5	81.6	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 0	58.9	75.2	74.5	81.6	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6

GLOBAL CLIMATOLOGY BRANCH

GLOBAL CLIMATOLOGY BRANCH
 SAFETY
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 725930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
 MONTH: OCT HOURS(IST): 1700-1900

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	54.3	70.0	71.6	71.6	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 20000	57.9	76.7	79.0	79.0	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 18000	57.9	76.7	79.0	79.0	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 16000	57.9	76.7	79.0	79.0	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 14000	58.4	77.5	79.8	79.8	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 12000	58.7	78.1	80.6	80.6	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 10000	59.0	78.4	81.1	81.1	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 9000	59.0	78.4	81.1	81.1	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 8000	59.7	79.0	81.7	81.7	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 7000	59.9	79.2	81.9	82.1	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 6000	59.8	79.2	81.9	82.1	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 5000	59.8	79.2	81.9	82.1	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 4500	59.8	79.2	81.9	82.1	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 4000	60.2	79.5	82.2	82.4	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 3500	60.6	80.0	82.7	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3000	60.8	80.2	82.9	83.0	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 2500	61.4	81.0	83.7	83.8	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 2000	61.9	81.7	84.4	84.6	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 1500	61.9	82.1	84.8	84.9	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 1000	62.1	83.3	86.0	86.5	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1200	62.4	84.8	87.6	88.1	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1000	62.5	85.4	88.6	89.0	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 900	62.7	85.7	88.9	89.5	89.8	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 800	62.7	85.7	89.0	89.7	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 700	62.7	86.5	90.2	91.0	92.1	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 600	62.9	87.1	91.0	92.1	93.5	93.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 500	63.0	87.3	91.4	92.9	95.1	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 400	63.0	87.5	91.6	93.0	95.6	96.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 300	63.0	87.5	91.6	93.0	95.6	96.0	97.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 200	63.0	87.5	91.6	93.0	95.6	96.0	97.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 100	63.0	87.5	91.6	93.0	95.6	96.0	97.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 0	63.0	87.5	91.6	93.0	95.6	96.0	97.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 430

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: 001 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 1/8
NO CEIL	53.8	66.5	68.3	68.3	69.7	59.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 2000	57.8	72.9	74.8	74.8	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 1600	57.8	73.1	75.1	75.1	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 1400	57.8	73.1	75.1	75.1	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 1200	58.4	73.7	76.1	76.1	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 1000	58.9	74.4	76.8	76.8	77.2	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 900	58.9	74.8	77.2	77.2	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 800	58.9	74.8	77.2	77.2	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 700	59.1	75.1	77.5	77.5	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 600	59.1	75.1	77.5	77.5	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 500	59.1	75.1	77.5	77.5	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 450	59.1	75.1	77.5	77.5	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 400	59.5	75.7	78.1	78.1	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 350	60.2	76.4	78.8	78.8	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 300	60.2	76.4	78.8	78.8	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 250	60.2	76.4	78.8	78.8	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 200	60.6	77.2	79.6	79.6	80.1	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 180	60.6	77.2	79.6	79.6	80.1	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 150	60.6	77.9	80.3	80.3	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 120	61.1	79.0	81.4	81.4	82.1	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 100	61.7	80.3	82.7	82.7	83.4	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 90	61.7	80.3	82.9	83.6	84.2	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 80	61.9	80.7	83.6	84.4	85.8	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 70	61.9	81.0	84.2	86.0	86.9	87.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 60	62.4	82.9	86.2	88.6	89.7	90.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 50	62.4	83.6	87.5	90.4	92.1	93.0	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	95.0	95.0
GE 40	62.4	83.6	87.5	90.8	93.2	94.3	95.8	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.7	96.7
GE 30	62.4	83.6	87.5	90.8	93.4	94.5	96.5	96.9	96.9	97.2	97.4	97.8	98.2	98.2	99.3	99.3
GE 20	62.4	83.6	87.5	90.8	93.4	94.5	96.5	96.9	96.9	97.2	97.4	97.8	98.7	98.7	99.8	100.0
GE 10	62.4	83.6	87.5	90.8	93.4	94.5	96.5	96.9	96.9	97.2	97.4	97.8	98.7	98.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 457

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(1ST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	SE 1 1/2	GE 1 1/4	GE 1	SE 3/4	SE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	51.7	63.3	64.8	65.1	65.6	65.8	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 20000	54.5	68.5	70.4	70.9	71.1	71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.1
GE 18000	54.5	68.6	70.5	71.0	71.4	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.2
GE 16000	54.5	68.6	70.5	71.0	71.4	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.2
GE 14000	55.0	69.3	71.4	71.9	72.4	72.6	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.1
GE 12000	55.3	69.6	72.0	72.5	73.0	73.2	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.7
GE 10000	55.7	70.8	73.0	73.7	74.1	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8
GE 9000	55.7	70.8	73.0	73.7	74.1	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8
GE 8000	56.3	71.4	73.6	74.3	74.8	75.0	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.5
GE 7000	56.3	71.4	73.6	74.3	74.8	75.0	75.2	75.3	75.3	75.3	75.4	75.4	75.4	75.5	75.5	75.5
GE 6000	56.3	71.4	73.6	74.3	74.8	75.0	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.5	75.5	75.5
GE 5000	56.4	71.6	73.8	74.5	74.9	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.7
GE 4500	56.4	71.6	73.8	74.5	74.9	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.7
GE 4000	56.6	71.9	74.1	74.8	75.3	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	76.0
GE 3500	57.1	72.4	74.6	75.3	75.7	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.5
GE 3000	57.3	72.6	74.8	75.5	75.9	76.2	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6
GE 2500	57.4	72.9	75.2	75.9	76.5	76.7	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.2	77.2	77.2
GE 2000	58.0	73.9	76.3	77.1	77.8	78.0	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.5
GE 1800	58.2	74.3	76.7	77.5	78.2	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.9
GE 1500	58.5	75.3	77.7	78.8	79.5	79.8	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.3	80.3	80.3
GE 1200	58.8	76.3	78.9	80.0	80.9	81.2	81.4	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.8
GE 1000	59.0	76.9	79.0	81.0	81.9	82.2	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.9
GE 900	59.1	77.4	80.2	82.0	82.9	83.2	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.9	83.9	84.0
GE 800	59.2	77.6	80.4	82.0	84.0	84.3	84.9	85.0	85.0	85.1	85.1	85.1	85.1	85.2	85.2	85.2
GE 700	59.2	78.3	81.4	83.6	85.1	85.4	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.7
GE 600	59.4	79.0	82.3	84.0	86.5	87.0	88.0	88.3	88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.5
GE 500	59.5	79.4	83.0	86.1	88.5	89.0	90.4	90.7	90.7	90.8	90.8	90.8	90.8	91.0	91.0	91.1
GE 400	59.5	79.4	83.1	86.5	89.5	90.3	92.0	92.4	92.5	92.7	92.7	92.7	92.7	93.1	93.1	93.6
GE 300	59.5	79.4	83.1	86.6	89.6	90.6	92.5	93.4	93.4	93.9	93.9	93.9	94.2	94.7	94.9	95.7
GE 200	59.6	79.5	83.1	86.6	89.7	90.7	92.7	93.7	93.7	94.3	94.3	94.5	94.6	95.7	96.1	98.4
GE 100	59.6	79.5	83.1	86.6	89.7	90.7	92.7	93.7	93.7	94.3	94.3	94.5	94.8	95.9	96.4	99.7
GE 0	59.6	79.5	83.1	86.6	89.7	90.7	92.7	93.7	93.7	94.3	94.3	94.5	94.8	95.9	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 2115

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(IST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES																	
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	1	64.5	68.7	69.1	69.1	69.1	69.1	69.6	69.6	69.6	69.6	70.0	70.0	70.0	70.0	70.0	70.0		
GE 20000	1	68.2	72.8	73.7	73.7	73.7	73.7	74.2	74.2	74.2	74.2	74.7	74.7	74.7	74.7	74.7	74.7	75.6	
GE 18000	1	69.7	73.5	74.2	74.2	74.2	74.2	74.7	74.7	74.7	74.7	75.1	75.1	75.1	75.1	75.1	75.1	76.0	
GE 16000	1	68.7	74.2	75.1	75.1	75.1	75.1	75.6	75.6	75.6	75.6	76.0	76.0	76.0	76.0	76.0	76.0	77.0	
GE 14000	1	69.1	74.7	75.6	75.6	75.6	75.6	76.0	76.0	76.0	76.0	76.5	76.5	76.5	76.5	76.5	76.5	77.4	
GE 12000	1	71.0	76.5	77.4	77.4	77.4	77.4	77.9	77.9	77.9	77.9	78.3	78.3	78.3	78.3	78.3	78.3	79.3	
GE 10000	1	72.4	79.3	80.2	80.6	80.6	80.6	81.1	81.1	81.1	81.1	81.6	81.6	81.6	81.6	81.6	81.6	82.5	
GE 9000	1	72.4	79.3	80.2	80.6	80.6	80.6	81.1	81.1	81.1	81.1	81.6	81.6	81.6	81.6	81.6	81.6	82.5	
GE 8000	1	72.4	79.3	80.2	80.6	80.6	80.6	81.1	81.1	81.1	81.1	81.6	81.6	81.6	81.6	81.6	81.6	82.5	
GE 7000	1	72.4	79.7	80.6	81.1	81.1	81.1	81.6	81.6	81.6	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.9	
GE 6000	1	72.4	79.7	80.6	81.1	81.1	81.1	81.6	81.6	81.6	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.9	
GE 5000	1	72.4	80.2	81.1	81.6	81.6	81.6	82.0	82.0	82.0	82.0	82.5	82.5	82.5	82.5	82.5	82.5	83.4	
GE 4500	1	72.4	80.2	81.1	81.6	81.6	81.6	82.0	82.0	82.0	82.0	82.5	82.5	82.5	82.5	82.5	82.5	83.4	
GE 4000	1	72.4	80.2	81.1	81.6	81.6	81.6	82.0	82.0	82.0	82.0	82.5	82.5	82.5	82.5	82.5	82.5	83.4	
GE 3500	1	71.3	81.1	82.0	82.5	82.5	82.5	82.9	82.9	82.9	82.9	83.4	83.4	83.4	83.4	83.4	83.4	84.3	
GE 3000	1	71.3	81.6	82.5	82.9	82.9	82.9	83.4	83.4	83.4	83.4	83.9	83.9	83.9	83.9	83.9	83.9	84.6	
GE 2500	1	74.7	83.4	84.3	84.8	84.8	84.8	85.3	85.3	85.3	85.3	85.7	85.7	85.7	85.7	85.7	85.7	86.6	
GE 2000	1	75.1	83.9	84.8	85.3	85.3	85.3	85.7	85.7	85.7	85.7	86.2	86.2	86.2	86.2	86.2	86.2	87.1	
GE 1800	1	75.1	83.9	84.8	85.3	85.3	85.3	85.7	85.7	85.7	85.7	86.2	86.2	86.2	86.2	86.2	86.2	87.0	
GE 1600	1	75.6	84.3	85.3	85.7	85.7	85.7	86.2	86.2	86.2	86.2	86.6	86.6	86.6	86.6	86.6	86.6	87.5	
GE 1400	1	75.6	85.7	86.6	87.1	87.1	87.1	87.6	87.6	87.6	87.6	88.1	88.1	88.1	88.1	88.1	88.1	89.0	
GE 1200	1	75.6	86.6	87.6	88.1	88.1	88.1	88.6	88.6	88.6	88.6	89.1	89.1	89.1	89.1	89.1	89.1	90.0	
GE 1000	1	75.6	86.6	87.6	88.1	88.1	88.1	88.6	88.6	88.6	88.6	89.1	89.1	89.1	89.1	89.1	89.1	90.0	
GE 900	1	76.5	88.0	89.4	89.9	89.9	89.9	90.3	90.3	90.3	90.3	90.8	90.8	90.8	90.8	90.8	90.8	91.7	
GE 800	1	77.0	88.5	89.9	90.3	90.3	90.3	91.2	91.2	91.2	91.2	91.7	91.7	91.7	91.7	91.7	91.7	92.6	
GE 700	1	77.0	88.5	89.9	90.3	90.3	90.3	91.2	91.2	91.2	91.2	91.7	91.7	91.7	91.7	91.7	91.7	92.6	
GE 600	1	77.0	88.9	90.3	90.8	90.8	90.8	91.2	91.2	91.2	91.2	91.7	91.7	91.7	91.7	91.7	91.7	92.6	
GE 500	1	77.4	89.4	90.8	91.2	91.2	91.2	92.2	92.2	92.2	92.2	92.6	92.6	92.6	92.6	92.6	92.6	93.5	
GE 400	1	77.4	89.9	91.2	91.7	91.7	91.7	92.2	92.2	92.2	92.2	92.6	92.6	92.6	92.6	92.6	92.6	93.5	
GE 300	1	77.4	89.9	91.2	91.7	91.7	91.7	92.2	92.2	92.2	92.2	92.6	92.6	92.6	92.6	92.6	92.6	93.5	
GE 200	1	77.4	89.9	91.2	91.7	91.7	91.7	92.2	92.2	92.2	92.2	92.6	92.6	92.6	92.6	92.6	92.6	93.5	
GE 100	1	77.4	89.9	91.2	91.7	91.7	91.7	92.2	92.2	92.2	92.2	92.6	92.6	92.6	92.6	92.6	92.6	93.5	
GE 0	1	77.4	89.9	91.2	91.7	91.7	91.7	92.2	92.2	92.2	92.2	92.6	92.6	92.6	92.6	92.6	92.6	93.5	

TOTAL NUMBER OF OBSERVATIONS: 217

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 6	
NO CEIL	63.9	70.7	71.1	72.3	72.5	72.5	72.4	72.8	72.8	72.6	72.8	72.8	72.8	72.8	72.8	72.6	
GE 20000	63.5	75.4	75.9	77.2	77.4	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	
GE 16000	69.0	75.9	76.4	77.7	77.9	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	
GE 14000	69.2	76.4	76.9	78.2	78.4	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	
GE 12000	69.7	76.9	77.4	78.7	78.9	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	
GE 10000	70.7	77.9	78.4	80.6	80.6	80.6	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	
GE 8000	72.8	80.8	81.6	83.4	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	
GE 6000	73.1	81.1	82.0	83.8	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 4000	74.1	82.5	83.3	85.1	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	
GE 3000	74.3	83.0	83.8	85.6	85.7	85.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	
GE 2000	74.3	83.1	83.9	85.7	85.7	85.7	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	
GE 1000	74.4	83.8	84.6	86.4	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	
GE 800	74.4	83.8	84.6	86.4	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	
GE 600	74.9	84.3	85.1	86.9	87.0	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	
GE 400	75.4	85.1	85.9	87.7	87.9	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	
GE 300	76.6	86.9	87.7	89.5	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
GE 2500	77.2	87.7	88.5	90.3	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	
GE 2000	77.4	88.2	89.0	90.8	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	
GE 1800	78.0	88.9	89.7	91.5	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	
GE 1500	78.7	89.7	90.5	92.3	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	
GE 1200	78.9	90.0	90.8	93.0	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
GE 1000	79.9	90.7	91.5	93.8	93.9	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	
GE 900	78.9	90.7	92.0	94.6	94.9	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	
GE 800	79.2	91.6	93.0	95.6	95.9	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	
GE 700	79.5	92.1	93.4	96.1	96.5	96.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
GE 600	79.5	92.1	93.4	96.1	96.6	96.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
GE 500	79.5	92.3	93.8	96.6	97.0	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	
GE 400	79.5	92.3	94.1	96.9	97.4	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
GE 300	79.5	92.3	94.1	96.9	97.4	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 200	79.5	92.3	94.1	96.9	97.4	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 100	79.5	92.3	94.1	96.9	97.4	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 0	79.5	92.3	94.1	96.9	97.4	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	

TOTAL NUMBER OF OBSERVATIONS: 610

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDERBILT AFB CA

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	62.9	71.1	71.4	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
GE 20000	69.8	78.3	78.7	79.3	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 18000	70.1	78.7	79.0	79.6	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 16000	70.1	78.7	79.0	79.6	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 14000	70.8	79.3	79.6	80.3	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 12000	71.3	79.8	80.1	80.6	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 10000	72.1	81.1	81.4	82.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 9000	72.2	81.3	81.6	82.4	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 8000	73.2	82.6	82.9	83.7	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 7000	75.2	84.6	84.9	85.7	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 6000	75.5	85.2	85.6	86.4	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 5000	76.2	86.2	86.5	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 4500	76.2	86.2	86.5	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 4000	76.2	86.2	86.5	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 3500	76.7	86.7	87.0	87.8	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 3000	78.5	89.0	89.5	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 2500	78.7	89.5	90.0	90.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 2000	80.0	91.1	91.8	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1800	80.5	92.0	92.6	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1500	80.6	92.3	92.9	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1200	80.8	92.4	93.1	94.1	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1000	81.1	93.3	94.4	95.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 900	81.3	93.6	94.7	95.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 800	81.3	94.1	95.2	96.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 700	81.3	94.1	95.2	96.4	97.4	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 600	81.3	94.1	95.2	96.4	97.4	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 500	81.3	94.1	95.4	96.6	97.5	97.9	97.9	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 400	81.3	94.1	95.6	96.9	98.0	98.5	98.5	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	81.3	94.1	95.6	96.9	98.0	98.5	98.5	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	81.3	94.1	95.6	96.9	98.0	98.5	98.5	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	81.3	94.1	95.7	97.0	98.2	98.7	98.7	99.3	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 01	81.3	94.1	95.7	97.0	98.2	98.7	98.7	99.3	99.7	99.8	99.8	99.8	99.8	100.0	100.0	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: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	55.2	62.2	62.5	63.0	63.7	63.7	63.8	64.0	64.0	64.3	64.3	64.3	64.3	64.3	64.3
GE 2000	62.2	69.7	70.0	70.5	71.2	71.2	71.3	71.5	71.5	71.8	71.8	71.8	71.8	71.8	71.8
GE 1800	62.3	69.8	70.2	70.7	71.3	71.3	71.5	71.7	71.7	72.0	72.0	72.0	72.0	72.0	72.0
GE 1600	62.7	70.2	70.5	71.0	71.7	71.7	71.8	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.3
GE 1400	63.2	70.7	71.0	71.5	72.2	72.2	72.3	72.5	72.5	72.8	72.8	72.8	72.8	72.8	72.8
GE 1200	64.5	72.5	72.8	73.3	74.0	74.0	74.2	74.3	74.3	74.7	74.7	74.7	74.7	74.7	74.7
GE 1000	67.0	75.8	76.2	76.7	77.3	77.3	77.5	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0
GE 900	67.2	76.0	76.3	76.8	77.5	77.5	77.7	77.8	77.8	78.2	78.2	78.2	78.2	78.2	78.2
GE 800	68.3	77.3	77.7	78.2	78.8	78.8	79.0	79.2	79.2	79.5	79.5	79.5	79.5	79.5	79.5
GE 700	69.7	79.0	79.3	79.8	80.5	80.5	80.7	80.8	80.8	81.2	81.2	81.2	81.2	81.2	81.2
GE 600	69.7	79.3	79.7	80.2	80.8	80.8	81.0	81.2	81.2	81.5	81.5	81.5	81.5	81.5	81.5
GE 500	70.2	79.8	80.2	80.7	81.3	81.3	81.5	81.7	81.7	82.0	82.0	82.0	82.0	82.0	82.0
GE 450	70.7	80.3	80.7	81.2	81.8	81.8	82.0	82.2	82.2	82.5	82.5	82.5	82.5	82.5	82.5
GE 400	71.0	80.7	81.0	81.5	82.2	82.2	82.3	82.5	82.5	82.8	82.8	82.8	82.8	82.8	82.8
GE 350	71.2	80.8	81.2	81.7	82.3	82.3	82.5	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0
GE 300	73.2	83.2	83.7	84.3	85.0	85.0	85.2	85.3	85.3	85.7	85.7	85.7	85.7	85.7	85.7
GE 250	73.3	83.7	84.2	84.8	85.5	85.5	85.7	85.9	85.8	86.2	86.2	86.2	86.2	86.2	86.2
GE 200	74.2	85.0	85.5	86.2	86.8	86.8	87.0	87.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5
GE 180	74.5	85.3	85.8	86.5	87.2	87.2	87.3	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.8
GE 150	74.7	85.8	86.3	87.0	87.7	87.7	87.8	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.3
GE 120	74.8	86.2	86.7	87.5	88.3	88.3	88.5	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0
GE 100	75.0	87.3	88.5	89.8	90.8	90.8	91.2	91.3	91.3	91.7	91.7	91.7	91.7	91.7	91.7
GE 90	75.0	87.3	88.8	90.2	91.2	91.2	91.5	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0
GE 80	75.3	88.0	89.5	90.8	91.8	91.8	92.3	92.8	92.8	93.2	93.2	93.2	93.2	93.2	93.2
GE 70	75.5	88.3	89.8	91.5	92.5	92.5	93.0	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0
GE 60	75.5	88.3	90.0	91.8	92.8	93.2	93.7	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7
GE 50	75.5	88.5	90.2	92.2	93.2	93.7	94.3	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5
GE 40	75.5	88.7	90.3	92.3	93.3	93.8	94.7	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8
GE 30	75.5	89.2	90.8	93.0	94.0	94.5	95.3	96.2	96.3	97.2	97.3	97.3	98.0	98.0	98.0
GE 20	75.5	89.2	90.8	93.0	94.0	94.5	95.5	96.3	96.5	97.5	97.7	97.7	98.3	98.3	99.8
GE 10	75.5	89.2	90.8	93.0	94.0	94.5	95.5	96.3	96.5	97.5	97.7	97.7	98.3	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 600

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(IST): ALL

CEILING		VISIBILITY IN STATUTE MILES																	
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
1	10	6	5	4	3	2	1 1/2	1	1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	1/8	1/16	0
NO CLIC	61.1	68.1	68.5	69.2	69.5	69.5	69.7	69.4	67.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0	
GE 2000	67.0	74.2	74.8	75.5	75.9	75.9	76.1	76.1	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4	
GE 1800	67.3	74.7	75.1	75.8	76.2	76.2	76.4	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7	
GE 1600	67.5	75.0	75.4	76.2	76.6	76.6	76.8	76.8	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1	
GE 1400	68.0	75.5	76.0	76.7	77.1	77.1	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6	
GE 1200	69.1	76.7	77.2	78.0	78.4	78.4	78.6	78.6	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	
GE 1000	70.8	79.3	79.8	80.8	81.2	81.2	81.4	81.4	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	
GE 900	71.0	79.5	80.0	81.0	81.4	81.4	81.6	81.6	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	
GE 800	72.0	80.6	81.2	82.2	82.6	82.6	82.8	82.8	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	
GE 700	73.0	81.9	82.5	83.4	83.8	83.8	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	
GE 600	73.1	82.3	82.6	83.6	84.2	84.2	84.4	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7	
GE 500	73.5	83.0	83.5	84.5	84.9	84.9	85.1	85.1	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	
GE 450	73.6	83.1	83.6	84.6	85.0	85.0	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5	
GE 400	73.9	83.3	83.4	84.9	85.3	85.3	85.5	85.5	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8	
GE 350	74.3	83.9	84.4	85.4	85.8	85.8	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	
GE 300	75.8	85.9	86.5	87.5	87.9	87.9	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4	
GE 250	76.2	86.6	87.2	88.3	88.7	88.7	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	
GE 200	77.0	87.7	88.4	89.4	89.8	89.8	90.0	90.0	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	
GE 180	77.4	88.2	88.9	89.9	90.3	90.3	90.6	90.6	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	
GE 150	77.8	88.6	89.4	90.5	90.9	90.9	91.2	91.2	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5	
GE 120	77.9	89.1	89.8	91.1	91.6	91.6	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1	
GE 100	79.0	90.0	91.1	92.5	93.2	93.3	93.6	93.6	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	
GE 90	79.2	90.3	91.6	93.2	93.9	94.0	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	
GE 80	79.4	91.0	92.3	93.5	94.6	94.7	95.1	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	
GE 70	79.6	91.2	92.5	94.2	95.0	95.2	95.6	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	
GE 60	79.6	91.3	92.6	94.4	95.1	95.5	96.0	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5	
GE 50	79.6	91.4	92.9	94.7	95.5	95.9	96.5	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	
GE 40	79.6	91.5	93.1	95.0	95.8	96.3	97.1	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	
GE 30	79.6	91.7	93.3	95.2	96.0	96.6	97.3	97.8	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	
GE 20	79.6	91.7	93.3	95.2	96.0	96.6	97.3	97.8	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	
GE 10	79.6	91.7	93.3	95.2	96.1	96.6	97.4	97.9	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	
GE 0	79.6	91.7	93.3	95.2	96.1	96.6	97.4	97.9	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	

TOTAL NUMBER OF OBSERVATIONS: 2036

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723937 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8		
NO CEIL	54.4	62.0	62.0	63.4	64.3	64.8	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.6	65.6	65.6	66.1	
GE 2000	63.4	65.2	65.2	66.1	67.0	67.8	67.8	68.3	68.3	68.3	68.3	68.3	68.7	68.7	68.7	68.7	69.2	
GE 1800	63.4	65.2	65.2	66.1	67.0	67.8	67.8	68.3	68.3	68.3	68.3	68.3	68.7	68.7	68.7	68.7	69.2	
GE 1600	63.4	65.6	66.1	67.0	67.8	68.7	68.7	69.2	69.2	69.2	69.2	69.2	69.6	69.6	69.6	69.6	70.0	
GE 1400	63.2	66.1	66.5	67.8	69.2	70.0	70.0	70.5	70.5	70.5	70.5	70.5	70.9	70.9	70.9	70.9	71.4	
GE 1200	62.1	67.0	67.4	68.7	70.0	70.0	70.9	71.4	71.4	71.4	71.4	71.4	71.8	71.8	71.8	71.8	72.2	
GE 1000	62.6	67.4	68.3	69.6	70.9	71.8	71.8	72.2	72.2	72.2	72.2	72.2	72.7	72.7	72.7	72.7	73.1	
GE 900	62.6	67.4	68.3	69.6	70.9	71.8	71.8	72.2	72.2	72.2	72.2	72.2	72.7	72.7	72.7	72.7	73.1	
GE 800	62.6	67.4	68.3	69.6	70.9	71.8	71.8	72.2	72.2	72.2	72.2	72.2	72.7	72.7	72.7	72.7	73.1	
GE 700	62.6	67.4	68.3	69.6	70.9	71.8	71.8	72.2	72.2	72.2	72.2	72.2	72.7	72.7	72.7	72.7	73.1	
GE 600	62.6	67.4	68.3	69.6	70.9	71.8	71.8	72.2	72.2	72.2	72.2	72.2	72.7	72.7	72.7	72.7	73.1	
GE 500	62.6	67.4	68.3	69.6	70.9	71.8	71.8	72.2	72.2	72.2	72.2	72.2	72.7	72.7	72.7	72.7	73.1	
GE 400	62.6	67.4	68.3	69.6	70.9	71.8	71.8	72.2	72.2	72.2	72.2	72.2	72.7	72.7	72.7	72.7	73.1	
GE 300	62.6	67.4	68.3	69.6	70.9	71.8	71.8	72.2	72.2	72.2	72.2	72.2	72.7	72.7	72.7	72.7	73.1	
GE 200	62.6	67.4	68.3	69.6	70.9	71.8	71.8	72.2	72.2	72.2	72.2	72.2	72.7	72.7	72.7	72.7	73.1	
GE 100	62.6	67.4	68.3	69.6	70.9	71.8	71.8	72.2	72.2	72.2	72.2	72.2	72.7	72.7	72.7	72.7	73.1	
GE 0	62.6	67.4	68.3	69.6	70.9	71.8	71.8	72.2	72.2	72.2	72.2	72.2	72.7	72.7	72.7	72.7	73.1	
GE 2500	69.2	74.4	75.8	77.1	78.4	79.3	79.3	79.7	79.7	79.7	79.7	79.7	80.2	80.2	80.2	80.2	80.6	
GE 2000	69.6	75.3	77.1	78.4	79.7	80.6	80.6	81.1	81.1	81.1	81.1	81.1	81.5	81.5	81.5	81.5	81.9	
GE 1800	70.5	76.7	78.0	79.3	80.6	81.5	81.5	81.9	81.9	81.9	81.9	81.9	82.4	82.4	82.4	82.4	82.8	
GE 1600	72.2	78.4	79.7	81.5	82.8	83.7	83.7	84.1	84.1	84.1	84.1	84.1	84.6	84.6	84.6	84.6	85.0	
GE 1400	72.7	78.9	80.2	81.9	83.3	84.1	84.1	84.6	84.6	84.6	84.6	84.6	85.0	85.0	85.0	85.0	85.5	
GE 1200	72.7	79.3	80.6	82.3	84.1	85.0	85.0	85.5	85.5	85.5	85.5	85.5	85.9	85.9	85.9	85.9	86.3	
GE 1000	74.0	81.9	83.3	85.3	86.8	87.7	87.7	88.5	88.5	88.5	88.5	88.5	89.0	89.0	89.0	89.0	89.4	
GE 900	74.0	81.9	83.3	85.3	86.8	87.7	87.7	88.5	88.5	88.5	88.5	88.5	89.0	89.0	89.0	89.0	89.4	
GE 800	74.0	82.4	83.7	86.3	87.7	89.0	89.0	90.3	90.3	90.3	90.3	90.3	90.7	90.7	90.7	90.7	91.2	
GE 700	74.0	82.4	83.7	86.3	87.7	89.0	89.0	90.3	90.3	90.3	90.3	90.3	90.7	90.7	90.7	90.7	91.2	
GE 600	74.0	82.4	83.7	86.3	87.7	89.0	89.0	90.3	90.3	90.3	90.3	90.3	90.7	90.7	90.7	90.7	91.2	
GE 500	74.0	82.4	83.7	86.3	87.7	89.0	89.0	90.3	90.3	90.3	90.3	90.3	90.7	90.7	90.7	90.7	91.2	
GE 400	74.0	82.4	83.7	86.3	87.7	89.0	89.0	90.3	90.3	90.3	90.3	90.3	90.7	90.7	90.7	90.7	91.2	
GE 300	74.0	82.4	83.7	86.3	87.7	89.0	89.0	90.3	90.3	90.3	90.3	90.3	90.7	90.7	90.7	90.7	91.2	
GE 200	74.0	82.4	83.7	86.3	87.7	89.0	89.0	90.3	90.3	90.3	90.3	90.3	90.7	90.7	90.7	90.7	91.2	
GE 100	74.0	82.4	83.7	86.3	87.7	89.0	89.0	90.3	90.3	90.3	90.3	90.3	90.7	90.7	90.7	90.7	91.2	
GE 0	74.0	82.4	83.7	86.3	87.7	89.0	89.0	90.3	90.3	90.3	90.3	90.3	90.7	90.7	90.7	90.7	91.2	
GE 2500	83.3	88.6	88.1	91.2	92.5	92.5	93.4	93.4	93.8	93.8	93.8	93.8	94.3	94.3	94.3	94.3	94.7	
GE 2000	83.3	88.6	88.1	91.2	92.5	92.5	93.4	93.4	93.8	93.8	93.8	93.8	94.3	94.3	94.3	94.3	94.7	
GE 1800	83.3	88.6	88.1	91.2	92.5	92.5	93.4	93.4	93.8	93.8	93.8	93.8	94.3	94.3	94.3	94.3	94.7	
GE 1600	83.3	88.6	88.1	91.2	92.5	92.5	93.4	93.4	93.8	93.8	93.8	93.8	94.3	94.3	94.3	94.3	94.7	
GE 1400	83.3	88.6	88.1	91.2	92.5	92.5	93.4	93.4	93.8	93.8	93.8	93.8	94.3	94.3	94.3	94.3	94.7	
GE 1200	83.3	88.6	88.1	91.2	92.5	92.5	93.4	93.4	93.8	93.8	93.8	93.8	94.3	94.3	94.3	94.3	94.7	
GE 1000	83.3	88.6	88.1	91.2	92.5	92.5	93.4	93.4	93.8	93.8	93.8	93.8	94.3	94.3	94.3	94.3	94.7	
GE 900	83.3	88.6	88.1	91.2	92.5	92.5	93.4	93.4	93.8	93.8	93.8	93.8	94.3	94.3	94.3	94.3	94.7	
GE 800	83.3	88.6	88.1	91.2	92.5	92.5	93.4	93.4	93.8	93.8	93.8	93.8	94.3	94.3	94.3	94.3	94.7	
GE 700	83.3	88.6	88.1	91.2	92.5	92.5	93.4	93.4	93.8	93.8	93.8	93.8	94.3	94.3	94.3	94.3	94.7	
GE 600	83.3	88.6	88.1	91.2	92.5	92.5	93.4	93.4	93.8	93.8	93.8	93.8	94.3	94.3	94.3	94.3	94.7	
GE 500	83.3	88.6	88.1	91.2	92.5	92.5	93.4	93.4	93.8	93.8	93.8	93.8	94.3	94.3	94.3	94.3	94.7	
GE 400	83.3	88.6	88.1	91.2	92.5	92.5	93.4	93.4	93.8	93.8	93.8	93.8	94.3	94.3	94.3	94.3	94.7	
GE 300	83.3	88.6	88.1	91.2	92.5	92.5	93.4	93.4	93.8	93.8	93.8	93.8	94.3	94.3	94.3	94.3	94.7	
GE 200	83.3	88.6	88.1	91.2	92.5	92.5	93.4	93.4	93.8	93.8	93.8	93.8	94.3	94.3	94.3	94.3	94.7	
GE 100	83.3	88.6	88.1	91.2	92.5	92.5	93.4	93.4	93.8	93.8	93.8	93.8	94.3	94.3	94.3	94.3	94.7	
GE 0	83.3	88.6	88.1	91.2	92.5	92.5	93.4	93.4	93.8	93.8	93.8	93.8	94.3	94.3	94.3	94.3	94.7	

TOTAL NUMBER OF OBSERVATIONS: 267

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	63.3	67.6	67.7	66.2	64.5	66.6	68.8	69.0	67.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 20000	66.6	71.0	71.1	71.6	72.1	72.1	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 18000	66.6	71.0	71.5	71.9	72.5	72.5	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 16000	67.1	71.5	72.1	72.5	73.2	73.2	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 14000	69.2	72.7	73.2	73.9	74.6	74.6	74.7	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 12000	69.7	74.3	74.7	75.5	76.1	76.1	76.3	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 10000	71.0	75.5	76.0	76.8	77.4	77.4	77.5	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 9000	71.1	75.7	76.1	76.9	77.5	77.5	77.7	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 8000	71.9	76.8	77.2	78.2	78.8	78.8	78.9	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 7000	73.2	78.2	78.6	79.6	80.2	80.2	80.3	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 6000	74.4	79.6	80.0	81.0	81.6	81.6	81.7	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 5000	74.7	80.2	80.7	81.6	82.2	82.2	82.4	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 4500	75.2	81.1	81.6	82.5	83.2	83.2	83.3	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 4000	76.1	82.1	82.5	83.5	84.1	84.1	84.2	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 3500	77.1	83.0	83.5	84.4	85.0	85.0	85.2	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 3000	78.2	84.4	84.9	86.3	87.1	87.1	87.2	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 2500	79.2	84.7	85.2	86.9	87.7	87.7	87.8	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2000	79.4	86.3	86.7	88.5	89.2	89.2	89.4	89.8	89.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1800	79.6	86.6	87.1	88.9	89.9	89.9	90.0	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1500	79.7	87.4	87.8	89.9	91.0	91.0	91.1	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1200	79.9	88.0	88.8	91.3	92.5	92.5	92.7	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1000	79.9	88.5	89.4	92.0	93.4	93.4	93.6	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 900	79.9	88.6	89.5	92.4	93.8	93.8	93.9	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 800	79.9	88.8	89.7	92.5	94.1	94.1	94.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 700	79.9	89.2	90.2	93.0	94.7	94.7	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 600	79.9	89.5	90.5	93.2	95.0	95.0	95.2	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 500	79.9	89.9	91.3	94.2	96.1	96.1	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 400	79.9	90.0	91.4	94.7	96.6	96.6	96.7	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 300	79.9	90.0	91.4	94.9	97.2	97.2	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 200	79.9	90.0	91.4	94.9	97.3	97.3	97.5	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 100	79.9	90.0	91.4	94.9	97.7	97.7	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 0	79.9	90.0	91.4	94.9	97.3	97.3	97.7	99.1	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 641

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(EST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GF 1 1/2	GE 1 1/4	GF 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	63.8	67.7	69.3	68.3	68.6	68.8	68.8	69.8	68.8	68.8	69.8	69.8	68.8	68.8	68.8	68.8
GE 20000	68.8	73.6	74.4	74.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 18000	69.3	74.3	75.4	75.5	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 16000	69.6	74.7	75.6	76.0	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 14000	70.5	75.8	77.1	77.4	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 12000	72.2	77.5	78.9	79.6	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 10000	73.2	78.9	80.5	81.1	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 9000	73.5	79.3	80.8	81.4	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 8000	74.3	80.7	82.2	82.8	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 7000	75.8	82.2	83.8	84.4	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 6000	76.9	83.2	84.7	85.3	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 5000	77.2	84.2	85.8	86.4	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4500	77.4	84.6	86.1	86.7	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 4000	77.8	85.3	86.9	87.5	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 3500	79.2	85.8	87.4	88.0	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 3000	79.8	86.9	88.5	89.4	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 2500	79.1	87.7	89.9	91.0	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 2000	79.9	89.4	91.6	93.0	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1800	80.0	89.7	91.9	93.4	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1600	80.3	91.3	93.4	95.3	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1400	80.3	91.9	94.1	96.1	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1200	80.3	92.2	94.5	96.6	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	80.3	92.7	95.0	97.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 900	80.3	92.7	95.0	97.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	80.3	93.0	95.3	97.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	80.3	93.3	95.6	97.7	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	80.3	93.3	95.6	97.7	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	80.3	93.3	95.6	97.7	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	80.3	93.3	95.6	97.7	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	80.3	93.3	95.6	97.7	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 200	80.3	93.3	95.6	97.7	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 100	80.3	93.3	95.6	97.7	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 0	80.3	93.3	95.6	97.7	98.8	99.1	99.2	99.5	99.5	99.5	99.5	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 641

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
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	56.8	61.8	62.3	62.6	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 20000	62.0	68.1	68.5	69.3	69.8	70.0	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 18000	62.0	68.1	68.5	69.3	69.8	70.0	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 16000	62.8	69.0	69.5	70.3	70.8	70.9	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 14000	63.7	70.0	70.6	71.4	71.9	72.1	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 12000	64.8	71.1	71.7	73.0	73.5	73.7	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 10000	68.4	75.3	76.1	77.5	78.0	78.2	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 9000	69.2	76.1	76.9	78.3	78.8	79.0	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 8000	70.1	77.0	77.8	79.3	79.8	79.9	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 7000	71.7	78.7	79.5	80.9	81.4	81.5	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 6000	72.9	79.8	80.6	82.0	82.5	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 5000	73.5	80.6	81.4	82.8	83.3	83.5	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 4500	74.8	81.9	82.7	84.1	84.8	84.9	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 4000	75.4	82.8	83.6	85.1	85.7	85.9	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 3500	75.9	83.5	84.3	85.7	86.4	86.5	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 3000	76.4	84.1	84.9	86.5	87.2	87.3	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2500	76.7	84.9	86.0	87.6	88.3	88.4	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 2000	77.4	85.9	87.0	88.6	89.2	89.4	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1800	77.8	86.7	87.8	89.4	90.0	90.2	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1500	77.8	87.2	88.3	90.0	90.9	91.0	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1200	78.0	88.4	89.6	91.5	92.6	92.6	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1000	78.2	88.9	90.0	92.0	93.1	93.3	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 900	78.5	89.2	90.4	92.3	93.4	93.6	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 800	78.5	89.4	90.7	92.4	94.1	94.2	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 700	78.5	90.0	91.7	93.9	95.0	95.2	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 600	78.5	90.2	91.8	94.1	95.3	95.5	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 500	78.5	90.2	91.8	94.1	95.3	95.7	96.3	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 400	78.7	90.5	92.1	94.4	95.5	96.3	97.0	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 300	78.7	90.7	92.3	94.5	96.0	96.6	97.4	98.1	98.2	98.4	98.7	99.0	99.0	99.0	99.0	99.0
GE 200	78.7	90.9	92.5	94.9	96.3	97.0	97.8	98.4	98.6	98.7	99.0	99.5	99.5	99.5	99.7	99.7
GE 100	78.7	90.9	92.5	94.9	96.3	97.0	97.8	98.4	98.6	98.7	99.0	99.5	99.5	99.7	99.8	100.0
GE 0	78.7	90.9	92.5	94.9	96.3	97.0	97.8	98.4	98.6	98.7	99.0	99.5	99.5	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 423

JEDRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723950 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	61.1	65.4	65.8	66.1	66.6	66.7	66.7	66.4	66.2	66.8	66.8	66.8	66.9	66.9	66.9	66.9
GE 20000	65.2	70.3	70.7	71.2	71.8	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4
GE 18000	65.4	70.5	71.1	71.6	72.2	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8
GE 16000	65.9	71.2	71.8	72.3	72.9	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5
GE 14000	66.8	72.1	72.9	73.6	74.2	74.4	74.6	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9
GE 12000	68.2	73.5	74.3	75.3	75.9	76.1	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6
GE 10000	70.0	75.6	76.5	77.5	78.1	78.3	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 9000	70.4	76.0	76.9	77.9	78.5	78.7	78.9	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2
GE 8000	71.4	77.3	78.2	79.3	79.9	80.1	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.6
GE 7000	72.8	78.8	79.7	80.8	81.4	81.6	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.1
GE 6000	73.9	79.9	80.9	81.9	82.6	82.7	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.3
GE 5000	74.5	80.9	81.9	82.9	83.5	83.7	84.0	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2
GE 4500	75.1	81.8	82.8	83.8	84.5	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2
GE 4000	75.8	82.7	83.7	84.7	85.4	85.6	85.8	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.2
GE 3500	76.5	83.5	84.5	85.6	86.2	86.4	86.6	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0
GE 3000	77.3	84.5	85.5	86.8	87.6	87.8	88.0	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.4
GE 2500	77.4	85.1	86.4	87.9	88.6	88.8	89.1	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 2000	78.4	86.6	87.9	89.5	90.3	90.5	90.7	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.3
GE 1800	78.6	87.1	88.3	90.1	90.9	91.0	91.3	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.6
GE 1500	78.8	87.9	89.2	91.2	92.1	92.3	92.5	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.2
GE 1200	78.8	88.7	90.1	92.3	93.4	93.6	93.9	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.5
GE 1000	78.9	89.1	90.6	92.9	94.1	94.3	94.6	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.2
GE 900	79.0	89.4	90.9	93.2	94.4	94.7	94.9	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5
GE 800	79.0	89.5	91.0	93.4	94.7	94.9	95.2	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.8
GE 700	79.0	89.9	91.5	93.9	95.3	95.5	95.9	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.4
GE 600	79.0	90.2	91.8	94.2	95.6	95.8	96.1	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.8
GE 500	79.0	90.3	92.0	94.6	96.1	96.4	96.7	97.2	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5
GE 400	79.0	90.4	92.2	94.8	96.4	96.8	97.1	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.1
GE 300	79.0	90.5	92.3	95.0	96.8	97.2	97.6	98.1	98.1	98.2	98.2	98.2	98.8	98.9	98.9	99.0
GE 200	79.0	90.5	92.3	95.1	97.0	97.5	97.8	98.5	98.5	98.6	98.6	98.6	99.2	99.3	99.4	99.6
GE 100	79.0	90.5	92.3	95.1	97.0	97.5	97.8	98.5	98.5	98.6	98.6	98.6	99.2	99.3	99.5	100.0
GE 0	79.0	90.5	92.3	95.1	97.0	97.5	97.8	98.5	98.5	98.6	98.6	98.6	99.2	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 2132

GLOBAL CLIMATOLOGY BRANCH
USAF/CLAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72393D STATION NAME: VANDENSBURG AFB CA

PERIOD OF RECORD: 75-84
MONTH: ALL HOURS(EST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75
NO CEIL	45.3	56.2	57.0	57.4	57.7	57.8	57.8	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0
GE 2000	48.7	60.6	61.6	62.1	62.4	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8
GE 1800	49.0	61.1	62.1	62.5	63.0	63.0	63.1	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.4
GE 1600	49.1	61.3	62.3	62.6	63.2	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.6
GE 1400	49.6	61.9	63.0	63.5	63.9	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.3
GE 1200	50.3	62.8	63.9	64.5	64.9	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.3
GE 1000	51.2	64.2	65.3	65.9	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.7	66.7
GE 900	51.4	64.4	65.5	66.2	66.5	66.6	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.9	66.9
GE 800	52.0	65.1	66.2	66.9	67.2	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.7
GE 700	52.5	65.6	66.9	67.5	67.9	67.9	68.0	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.3	68.3
GE 600	52.7	66.0	67.2	67.9	68.2	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.7
GE 500	53.3	66.8	68.0	68.7	69.1	69.2	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.5	69.5
GE 400	53.7	67.3	68.6	69.2	69.6	69.7	69.8	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.1
GE 300	54.2	68.0	69.3	70.0	70.3	70.4	70.5	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.8	70.8
GE 250	54.7	68.7	70.0	70.7	71.1	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.5	71.5	71.5	71.6
GE 200	55.6	70.0	71.4	72.1	72.5	72.6	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	73.0	73.0
GE 150	56.2	71.1	72.6	73.4	73.8	73.9	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.3	74.3
GE 100	57.3	72.7	74.2	75.2	75.6	75.6	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.2	76.2
GE 80	57.7	73.4	75.0	76.0	76.5	76.7	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.1	77.1
GE 60	58.4	74.8	76.5	77.5	78.1	78.3	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.7	78.7	78.8
GE 40	59.1	76.6	78.4	79.6	80.2	80.4	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.9	80.9	80.9
GE 20	59.6	78.5	80.6	82.0	82.7	82.9	83.1	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.5
GE 10	59.8	79.5	81.9	83.4	84.2	84.4	84.6	84.7	84.7	84.8	84.8	84.8	84.9	84.9	84.9	85.0
GE 5	59.9	80.6	83.2	84.8	85.7	86.0	86.2	86.4	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.7
GE 2	60.0	81.5	84.5	86.5	87.5	87.8	88.1	88.3	88.3	88.4	88.4	88.5	88.5	88.5	88.5	88.6
GE 1	60.1	82.2	85.5	88.0	89.3	89.6	90.0	90.3	90.3	90.4	90.4	90.5	90.5	90.5	90.6	90.6
GE 500	60.1	82.7	86.5	89.5	91.3	91.7	92.3	92.5	92.7	92.8	92.9	92.9	93.0	93.0	93.1	93.2
GE 400	60.2	82.9	86.8	90.3	92.4	92.9	93.7	94.3	94.4	94.7	94.8	94.9	95.0	95.1	95.2	95.4
GE 300	60.2	82.9	86.9	90.5	92.8	93.4	94.4	95.3	95.4	95.9	95.9	95.9	96.3	96.6	96.8	97.1
GE 200	60.2	82.9	86.9	90.5	92.9	93.6	94.6	95.6	95.8	96.3	96.3	96.4	96.4	96.6	96.8	97.1
GE 100	60.2	82.9	86.9	90.5	92.9	93.6	94.6	95.6	95.8	96.3	96.3	96.4	96.4	96.6	96.8	97.1
GE 50	60.2	82.9	86.9	90.5	92.9	93.6	94.6	95.6	95.8	96.3	96.3	96.4	96.4	96.6	96.8	97.1
GE 20	60.2	82.9	86.9	90.5	92.9	93.6	94.6	95.6	95.8	96.3	96.3	96.4	96.4	96.6	96.8	97.1
GE 10	60.2	82.9	86.9	90.5	92.9	93.6	94.6	95.6	95.8	96.3	96.3	96.4	96.4	96.6	96.8	97.1
GE 5	60.2	82.9	86.9	90.5	92.9	93.6	94.6	95.6	95.8	96.3	96.3	96.4	96.4	96.6	96.8	97.1
GE 2	60.2	82.9	86.9	90.5	92.9	93.6	94.6	95.6	95.8	96.3	96.3	96.4	96.4	96.6	96.8	97.1
GE 1	60.2	82.9	86.9	90.5	92.9	93.6	94.6	95.6	95.8	96.3	96.3	96.4	96.4	96.6	96.8	97.1

TOTAL NUMBER OF OBSERVATIONS: 26565

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:

<u>EIGHTS</u>	<u>TENTHS</u>
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

SKY COVER

75-24

Page 12

10

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02													
	03-05													
	06-08	22.1			24.3						27.0	28.5	5.	267
	09-11	19.4			27.4						29.9	21.3	5.	512
	12-14	16.0			31.9						33.4	18.7	5.	653
	15-17	13.0			34.5						30.0	22.4	5.	670
	18-20													
	21-23													
TOTALS		17.5			24.6						27.1	22.0	5.0	2312

SKY COVER

25
MUN.

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF DAYS	
		0	1	2	3	4	5	6	7	8	9			10
FEB	00-02													
	03-05													
	06-08	7.4			31.7						26.2	31.3	6.7	24
	09-11	8.9			33.2						26.2	29.7	6.6	62
	12-14	4.5			36.9						26.5	28.1	6.3	613
	15-17	6.1			31.9						21.1	37.0	6.4	678
	18-20													
	21-23													
TOTALS		7.9			33.4						23.8	29.0	5.6	2,561

SKY COVER

75-24

— 22 —

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

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MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
AUG	00-02													
	03-05													
	06-08	14.3			34.0						19.4	22.3	5.0	294
	09-11	14.9			40.8						21.8	22.5	5.4	634
	12-14	14.6			43.3						25.4	16.0	5.2	676
	15-17	10.6			44.7						25.7	19.0	5.6	649
	18-20													
	21-23													
TOTALS		13.5			40.7						23.1	22.5	5.6	2353

SKY COVER

75-4

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SKY COVER

PER 70

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00-02													
	03-05													
	06-08	10.9			17.0						17.9	50.2	7.6	44
	09-11	13.5			32.3						19.3	34.4	6.2	66
	12-14	15.6			39.8						29.5	16.1	5.4	66
	15-17	12.9			37.7						31.6	17.8	5.4	45
	18-20													
	21-23													
TOTALS		13.2			31.7						23.3	31.5	6.3	223

SKY COVER

75-24

46

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02													
	03-05													
	06-08	5.9			11.1						17.2	12.7	8.1	422
	09-11	13.7			34.0						17.6	37.7	6.4	642
	12-14	11.4			54.5						23.7	10.0	4.6	637
	15-17	9.8			47.9						24.8	12.6	5.4	430
	18-20													
	21-23													
TOTALS		9.6			36.9						20.3	33.3	6.3	2131

SKY COVER

PERIOD

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										
		0	1	2	3	4	5	6	7	8	9	10
AUG	03-02											
	03-05											
	06-08	4.9			11.9					11.3	71.4	5.6
	09-11	11.1			32.0					19.9	37.0	6.4
	12-14	10.6			53.2					27.0	9.0	4.9
	15-17	9.2			45.6					37.2	12.0	5.5
	18-20											
	21-23											
TOTALS		8.7			36.4					22.1	32.0	6.4

SKY COVER

75--4

10

MONTH	HOURS LST.	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02													
	03-05													
	06-08	15.4			19.3						12.4	46.5	6.9	425
	09-11	19.7			32.8						21.3	27.0	5.6	649
	12-14	15.3			47.6						21.1	15.1	4.0	653
	15-17	11.4			44.4						23.4	20.4	5.5	466
	18-20													
	21-23													
TOTALS		15.4			36.0						21.2	27.5	5.7	2193

SKY COVER

75-54

51

MONTH	HOURS ELST.	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
SEP	00-02													
	03-05													
	06-08	23.6			24.6						11.0	33.	5.7	394
	09-11	22.7			36.2						27.5	11.3	5.1	631
	12-14	19.6			44.8						27.1	12.1	4.7	629
	15-17	16.8			42.2						24.5	16.4	5.1	457
	18-20													
	21-23													
TOTALS		20.5			36.7						22.4	22.4	5.2	2111

NATIONAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

930 WANDENBERG AFB CA 75-84 11-1
 STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
NOV	00-02													
	03-05													
	06-08	19.8			36.9						24.7	15.6	5.3	217
	09-11	16.6			44.3						27.8	15.3	5.7	604
	12-14	14.2			43.5						31.7	11.7	5.7	677
	15-17	12.9			38.9						33.7	14.5	5.7	597
	18-20													
	21-23													
TOTALS		15.9			43.9						29.8	14.5	5.3	2030

SKY COVER

276

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
DEC	00-02													
	03-05													
	06-08	19.0			34.1						17.1	16.0	5.4	220
	09-11	17.9			36.9						27.3	17.0	5.2	641
	12-14	14.8			41.3						28.7	18.1	5.3	641
	15-17	14.8			40.9						24.7	19.4	5.4	623
	18-20													
	21-23													
TOTALS		15.6			38.8						27.3	17.3	5.3	2133

SKY COVER

75-54

PER 50

1992

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	17.6			25.6						3.1	22.7	5.4	2522
FEB		7.9			33.4						29.9	29.0	6.6	2531
MAR		10.3			34.6						29.7	6.6	5.3	2433
APR		13.4			40.7						27.1	22.6	5.5	2533
MAY		12.1			36.5						19.7	31.3	6.1	2295
JUN		13.2			31.7						27.3	31.0	6.2	2230
JUL		9.6			36.9						27.3	33.3	6.3	2131
AUG		3.7			36.4						22.1	32.0	6.4	2286
SEP		15.4			36.0						21.2	27.5	5.7	2193
OCT		20.5			36.7						22.4	20.4	5.0	2111
NOV		15.9			40.9						29.9	14.5	5.3	2030
DEC		16.6			38.8						27.3	17.3	5.2	2131
TOTALS		13.5			36.0						24.7	25.9	5.9	26526

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PSYCHROMETRIC SUMMARIES

PART 4

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

1. 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 frequency to tenths, of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

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

2. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and available 3-hour groups with all years combined. The following information is provided:

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations which contain both dry-bulb and wet-bulb temperatures; and dry-bulb, wet-bulb, and dewpoint temperatures separately. Total observations for these four items are also provided in two lines at the end of each table.

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

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dewpoint temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computation for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dewpoint temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

Continued on Reverse

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.

UNITED STATES DEPARTMENT OF AGRICULTURE
WASHINGTON, D. C. 20250
OFFICE OF THE SECRETARY

MONTH

TOTAL

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATE 08-01-2001 BY 60322 UCBAW

MONTH

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
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DATE 10-10-2013 BY 60322 UCBAW

HOURS 12. 5. 7.

USAFETAC FORM 0-26.5 (OL. A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

STATION	STATION NAME	YEARS	MONTH	HOURS	S	T
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USAFETYAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

MONTH

TOTAL

D.B./W.B. Dry Bulb Wet Bulb Dew Point

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5. 1. 1942 10-31

PSYCHROMETRIC SUMMAI

MONTH

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HOURS 1 5 7

USAFETAC
FORM
MIL 64
0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS 100 S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point															
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Element (X)	Σ X ²					Σ X					X̄					σ _x					No. Obs.					Mean No. of Hours with Temperature											
Rel. Hum.																										≥ 0 F					≥ 32 F						
Dry Bulb																										≥ 67 F					≥ 73 F						
Wet Bulb																										≥ 80 F					≥ 93 F						
Dew Point																																					

[illegible]

MONTH

TOTAL

D.B.-W.B. Dry Bulb Wet Bulb Dew Point

Element (X)	$\Sigma x'$	Σx	Σ	σ_s	No. Obs.	Mean No. of Hours with Temperature						
Rel. Num.						$\pm 0^\circ \text{F}$	$\pm 32^\circ \text{F}$	$\pm 67^\circ \text{F}$	$\pm 73^\circ \text{F}$	$\pm 80^\circ \text{F}$	$\pm 93^\circ \text{F}$	Total
Dry Bulb	55223.4	14355.5	61.1	22.343	2297							
Wet Bulb	5513.4	1313.2	56.6	7.525	2297							
Dew Point	57244.4	11433.3	46.6	5.274	2297							

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MONTH

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
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1. ALPHABETICALLY by author's name
2. DATE of publication
3. TOPIC or subject

STATION	STATION NAME	YEARS	MONTH
			HOURS S. T.

[illegible]

USAFETAC
FORM 0-26.5 (OL A)
JUL 64
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ALBUQUERQUE, NM 87106
 505/275-1234
 FAX 505/275-1235

HOURS P. M.

FORM 0-265 (OL A) 66-77C PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
RPL 64

USAFETAC

STATION	STATION NAME	YEARS	MONTH	HOURS	S
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[illegible]

STATION	STATION NAME	YEARS	MONTH

MO:RS

[illegible]

USAFETAC
FORM 0-26-5 (OL A)
JUL 84
RE-USED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

[illegible]

STATION NAME

VEARS

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USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

HOURS L. S. T.

[illegible]

STATION	STATION NAME	YEARS	MONTH	HOURS (L. S. T.)

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2. The following information is provided for the year ended 31/12/2014:

STATION STATION NAME YEARS MONTH
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. RESEARCHER'S NAME
2. RESEARCHER'S ADDRESS
3. RESEARCHER'S PHONE NUMBER

HOURS L. S. T.

USAFETAC
FORM
JUL 84
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

THE UNIVERSITY OF CHICAGO
CHICAGO, ILLINOIS

MONTH _____

[illegible]

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

HOURS 12. S. Y.

[illegible]

1. The Commission has received information from the Ministry of Health, the Ministry of Education, and the Ministry of Labour, that the Government is considering the possibility of establishing a new institution for the purpose of providing training and employment opportunities for young people who are at risk of becoming involved in criminal activities.

MONTH

[illegible]

USAFETAC
FORM 0-26-5 (OL A)
JUL 64
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[illegible]

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION NAME STATION YEARS MONTH

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
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Rel. Hum.	12224743		14513		2471		77		25		0 F		32 F		67 F		73 F		80 F		93 F		Total												
Dry Bulb	771573		132739		57		5.305		25																										
Wet Bulb	557347		115043		51		7.747		25																										
Dew Point	475592		104253		42		4.523		25																										

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STATION

STATION NAME

YEARS

— 9 —

JSAFETAC
FORM
JUL 64
0 26 5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

STATION	STATION NAME	YEARS	MONTH	HOURS S. T.

USAFETAC FORM 0-26.5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

STATION	STATION NAME	YEARS	MONTH
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USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALBUQUERQUE, N.M.
 1954
 10-1-54 TO 10-31-54

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

MONTH

HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
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Element (X)	ΣX^2		ΣX		$\bar{X}$		σ^2		No. Obs.		Mean No. of Hours with Temperature						Total																			
Rel. Hum.	17532		33422		65.1		4.722				0 F		32 F		67 F		73 F		80 F		93 F															
Dry Bulb	17532		33422		65.1		4.722																													
Wet Bulb	14117		25522		53.1		3.757																													
Dew Point	11434		22248		47.8		3.248																													

USAFETAC FORM 84 0 26.5 (OL A) RE-USED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A159 635

VANDENBERG AFB CALIFORNIA LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARY (...)(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. JUN 85

3/3

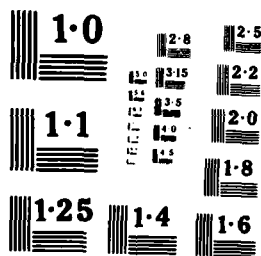
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PSYCHROMETRIC SUMMARY

MONTH

HOURS (L, S, T)

[illegible]

USAFETAC FORM 026.5 (OL A) 00-120 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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MONTH

HOURS 12 5. 7.

[illegible]

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DATE 05-10-2001 BY 60322 UCBAW

MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL Dry Bulb Wet Bulb Dew Point
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27		
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USAFETAC
FORM
JUL 84
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MONTH

HOURS (L. S. T.)

[illegible]

AL CLIMATOLOGY BRANCH
 7010
 WEATHER SERVICE 7440

PSYCHROMETRIC SUMMARY

STATION 7440 STATION NAME 7440 YEARS MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70																					
71																					
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5.71 6.75 7.32 8.1 8.5 .7 1.1 .4 .3 .4 .2 .4 .1 .2 45 47																					
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USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION	STATION NAME
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7-34

YEARS

MONTI

HOURS L. S. T.

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONTH

HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

STATION	STATION NAME

2000

YEARS

MONTH

HOURS (L. S. T.)

[illegible]

1. GL TOLUENE 100% 100%
2. GL TOLUENE 100% 100%
3. GL TOLUENE 100% 100%

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
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1. LOCATION: 1000-1000-1000
 2. DATE: 10/10/10
 3. TIME: 10:10

PSYCHROMETRIC SUMMARY

STATION: 1000-1000-1000 STATION NAME: 1000-1000-1000 YEARS: 10 MONTH: 10

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
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Element (X)	Σx^2			Σx			$\bar{x}$			σ^2			No. Obs.			Mean No. of Hours with Temperature																				
Rel. Hum.	21.45			1.15			7.5			2.75			4.5			0 F 32 F 67 F 73 F 80 F 93 F																				
Dry Bulb	17.42			2.77			5.2			4.29			4.5																							
Wet Bulb	14.22			2.77			5.2			2.54			4.5																							
Dew Point	1.22			2.22			5.1			3.21			4.5																							

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1925

MONTH

[illegible]

SECRET

HOURS . . \$. [¢]

[illegible]

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
01	1412-1413-1414-1415-1416-1417-1418-1419-1420-1421-1422-1423-1424-1425-1426-1427-1428-1429-1430-1431-1432-1433-1434-1435-1436-1437-1438-1439-1440-1441-1442-1443-1444-1445-1446-1447-1448-1449-1450-1451-1452-1453-1454-1455-1456-1457-1458-1459-1460-1461-1462-1463-1464-1465-1466-1467-1468-1469-1470-1471-1472-1473-1474-1475-1476-1477-1478-1479-1480-1481-1482-1483-1484-1485-1486-1487-1488-1489-1490-1491-1492-1493-1494-1495-1496-1497-1498-1499-1500-1501-1502-1503-1504-1505-1506-1507-1508-1509-1510-1511-1512-1513-1514-1515-1516-1517-1518-1519-1520-1521-1522-1523-1524-1525-1526-1527-1528-1529-1530-1531-1532-1533-1534-1535-1536-1537-1538-1539-1540-1541-1542-1543-1544-1545-1546-1547-1548-1549-1550-1551-1552-1553-1554-1555-1556-1557-1558-1559-1560-1561-1562-1563-1564-1565-1566-1567-1568-1569-1570-1571-1572-1573-1574-1575-1576-1577-1578-1579-1580-1581-1582-1583-1584-1585-1586-1587-1588-1589-1590-1591-1592-1593-1594-1595-1596-1597-1598-1599-1600-1601-1602-1603-1604-1605-1606-1607-1608-1609-1610-1611-1612-1613-1614-1615-1616-1617-1618-1619-1620-1621-1622-1623-1624-1625-1626-1627-1628-1629-1630-1631-1632-1633-1634-1635-1636-1637-1638-1639-1640-1641-1642-1643-1644-1645-1646-1647-1648-1649-1650-1651-1652-1653-1654-1655-1656-1657-1658-1659-1660-1661-1662-1663-1664-1665-1666-1667-1668-1669-1670-1671-1672-1673-1674-1675-1676-1677-1678-1679-1680-1681-1682-1683-1684-1685-1686-1687-1688-1689-1690-1691-1692-1693-1694-1695-1696-1697-1698-1699-1700-1701-1702-1703-1704-1705-1706-1707-1708-1709-1710-1711-1712-1713-1714-1715-1716-1717-1718-1719-1720-1721-1722-1723-1724-1725-1726-1727-1728-1729-1730-1731-1732-1733-1734-1735-1736-1737-1738-1739-1740-1741-1742-1743-1744-1745-1746-1747-1748-1749-1750-1751-1752-1753-1754-1755-1756-1757-1758-1759-1760-1761-1762-1763-1764-1765-1766-1767-1768-1769-1770-1771-1772-1773-1774-1775-1776-1777-1778-1779-1780-1781-1782-1783-1784-1785-1786-1787-1788-1789-1790-1791-1792-1793-1794-1795-1796-1797-1798-1799-1800-1801-1802-1803-1804-1805-1806-1807-1808-1809-1810-1811-1812-1813-1814-1815-1816-1817-1818-1819-1820-1821-1822-1823-1824-1825-1826-1827-1828-1829-1830-1831-1832-1833-1834-1835-1836-1837-1838-1839-1840-1841-1842-1843-1844-1845-1846-1847-1848-1849-1850-1851-1852-1853-1854-1855-1856-1857-1858-1859-1860-1861-1862-1863-1864-1865-1866-1867-1868-1869-1870-1871-1872-1873-1874-1875-1876-1877-1878-1879-1880-1881-1882-1883-1884-1885-1886-1887-1888-1889-1890-1891-1892-1893-1894-1895-1896-1897-1898-1899-1900-1901-1902-1903-1904-1905-1906-1907-1908-1909-1910-1911-1912-1913-1914-1915-1916-1917-1918-1919-1920-1921-1922-1923-1924-1925-1926-1927-1928-1929-1930-1931-1932-1933-1934-1935-1936-1937-1938-1939-1940-1941-1942-1943-1944-1945-1946-1947-1948-1949-1950-1951-1952-1953-1954-1955-1956-1957-1958-1959-1960-1961-1962-1963-1964-1965-1966-1967-1968-1969-1970-1971-1972-1973-1974-1975-1976-1977-1978-1979-1980-1981-1982-1983-1984-1985-1986-1987-1988-1989-1990-1991-1992-1993-1994-1995-1996-1997-1998-1999-2000-2001-2002-2003-2004-2005-2006-2007-2008-2009-2010-2011-2012-2013-2014-2015-2016-2017-2018-2019-2020-2021-2022-2023-2024-2025-2026-2027-2028-2029-2030-2031-2032-2033-2034-2035-2036-2037-2038-2039-2040-2041-2042-2043-2044-2045-2046-2047-2048-2049-2050-2051-2052-2053-2054-2055-2056-2057-2058-2059-2060-2061-2062-2063-2064-2065-2066-2067-2068-2069-2070-2071-2072-2073-2074-2075-2076-2077-2078-2079-2080-2081-2082-2083-2084-2085-2086-2087-2088-2089-2090-2091-2092-2093-2094-2095-2096-2097-2098-2099-2100-2101-2102-2103-2104-2105-2106-2107-2108-2109-2110-2111-2112-2113-2114-2115-2116-2117-2118-2119-2120-2121-2122-2123-2124-2125-2126-2127-2128-2129-2130-2131-2132-2133-2134-2135-2136-2137-2138-2139-2140-2141-2142-2143-2144-2145-2146-2147-2148-2149-2150-2151-2152-2153-2154-2155-2156-2157-2158-2159-2160-2161-2162-2163-2164-2165-2166-2167-2168-2169-2170-2171-2172-2173-2174-2175-2176-2177-2178-2179-2180-2181-2182-2183-2184-2185-2186-2187-2188-2189-2190-2191-2192-2193-2194-2195-2196-2197-2198-2199-2200-2201-2202-2203-2204-2205-2206-2207-2208-2209-2210-2211-2212-2213-2214-2215-2216-221		

HOURS 11. 5. 7.

[illegible]

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

Figure 1 is a line graph showing the number of hours spent on various activities over a 24-hour period. The x-axis is labeled 'HOURS (1, 5, 9, 13, 17, 21)' and the y-axis is labeled 'HOURS' with a scale from 0 to 24. The graph shows a peak in activity around 13 hours and a low around 17 hours.

USAFETAC
FORM 0:26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------|
| 701 | JANDINGBEN AFB CA |
| STATION | STATION NAME |

YEARS

MONTH

MOORE

[illegible]

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 01-25-2001 BY 60322 UCBAW

70-234

YEARS

MONTH

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

2-24

YEARS

MONTH

HOURS (L, S, T)

[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

RECEIVED
JAN 10 1968

HOURS 11. 5. 7.

[illegible]

PSYCHROMETRIC SUMMARY

| | |
|---------|-----------------|
| STATION | STATION NAME |
| 222 | 222-222-222-222 |

72-64

YEARS

MONTH

HOURS 11 5 1

[illegible]

AL 21441000 1400-
1400
AL 21441000 1400-
1400

35-24

YEARS

MONTH

HOURS (L. S. T.)

[illegible]

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-11-2010 BY 60322 UCBAW

HOURS L. S. T.

[illegible]

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

MONTH

NOV 15 1954

[illegible]

USAFETAC FORM 0265 (O.L.A.)
REPLACES PREVIOUS EDITIONS OF THIS FORM AND OBSOLETE

USAFETYAC

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-11-2001 BY 60322 UCBAW

STATION

STATION NAME

YEARS

MONTH

HOURS (L. S. T.)

[illegible]

USAFETAC FORM JUL 66

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONT

[illegible]

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-10-2010 BY 60322 UCBAW

MON: H

TOTAL

| Element (X) | $Z_{X'}$ | Z_X | $\bar{X}$ | σ_a | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|-------------|----------|-------|-----------|------------|----------|------------------------------------|------|------|------|------|------|
| Rel. Hum. | 2437.2 | 5235 | 53.12 | 5.64 | 51 | 0 F | 32 F | 67 F | 73 F | 80 F | 93 F |
| Dry Bulb | 2515.4 | 4774 | 54.41 | 5.32 | 51 | | | | | | |
| Wet Bulb | 2475.4 | 5552 | 54.4 | 4.57 | 51 | | | | | | |
| Dew Point | 1333.7 | 3277 | 52.4 | 7.31 | 51 | | | | | | |

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION NO. _____ STATION NAME _____ YEARS _____ MONTH _____
 HOURS 11.5.71

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | TOTAL | | TOTAL | | |
|-------------|-------------------------------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|--------------------|----------|-----------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | ± 3 | D.B.-W.B. Dry Bulb | Wet Bulb | Dew Point | |
| 70 | | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | |
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| 85 | | | | | | | | | | | | | | | | | |
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| 90 | | | | | | | | | | | | | | | | | |
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| 93 | | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | |
| Element (X) | Σx^2 | Σx | $\bar{x}$ | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total | | | | | |
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

MONTH

[illegible]

USAFETAC
FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JAN 64

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| | | | |

HOURS (L, S, T)

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MONTH

NOV 5 1957

[illegible]0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

U.S. AIR FORCE
CLIMATE DIVISION
METEOROLOGICAL SERVICE

PSYCHROMETRIC SUMMARY

STATION: LAND USE - 14 FEB 64 STATION NAME: 14 FEB 64 YEARS: MONTH:

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | ΣX^2 | ΣX | $\bar{X}$ | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | Total | |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-----|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Rel. Hum. | 10001745 | 145825 | 65.5 | 17.532 | 2111 | | | | | | | |
| Dry Bulb | 4559473 | 105723 | 63.3 | 5.722 | 2111 | | | 185.5 | 54.5 | 13.1 | | 244 |
| Wet Bulb | 5775054 | 117215 | 55.5 | 4.489 | 2111 | | | 4.7 | | | | 244 |
| Dew Point | 5541327 | 107223 | 50.8 | 6.741 | 2111 | | 17.7 | | | | | 244 |

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
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MOUSE 1: 5 7

[illegible]

PSYCHROMETRIC SUMMARY

HOURS L. S. T.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | = 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| | 1 | .7 | 1 | .4 | .1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | |
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PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|------|-----------|----------|----------|-----------|-----------------|--|--|--|--|--|--|--|--|--|-------|--|-------|--|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | HOURS (L, S, T) | | | | | | | | | | | | | | | | | |
| / 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Element (X) | Σ x² | | | | | Σ x | | | | | x̄ | | | | | σ _x | | | | | No. Obs. | | | | | Mean No. of Hours with Temperature | | | | | | | | | | Total | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | ≤ 0 F ≤ 32 F ≤ 67 F ≤ 73 F ≤ 80 F ≤ 93 F | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
HOURS (L. S. T.) _____

[illegible]

[illegible]

MONTH

[illegible]

USAFETAC
FORM
AR 94
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

MONY

TOTAL

0 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 = 31 D.B.W.B. Dry Bulb Wet Bulb Dew Point

[illegible]

USAFETAC
FORM
JUL 64
0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

| STATION | STATION NAME | YEARS | MONTH | HOURS | S | T |
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USAFETAC
FORM
8-64
0 26 5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

HOURS (L. S. T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 1 | 1.11 | 1.71 | 2.21 | 2.71 | 3.14 | 3.51 | 3.8 | 4.1 | 4.4 | 4.6 | 4.8 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | | | | |
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| 58 | | | | | | | | | | | | | | | | | | | | | |
| 59 | | | | | | | | | | | | </ | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| 1001 | ANDREWS AFB | 10 | 1 |

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION

600

STATION NAME

74-94

YEARS

MONTH

HOURS (L, S, T)

[illegible]

STATION STATION NAME YEARS MONTH

USAFETAC
FORM
JAN 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. NAME: CLIMATOLOGY, PANGLOSS
 2. TYPE: 140
 3. LOCATION: SERVICE, 140

MONTH

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. *Chlorophyll a* and *Chlorophyll b* contents were determined by spectrophotometry using the method of Lichtenthaler and Whaley (1987). The absorbance of the chlorophyll extracts was measured at 663 nm and 646 nm. The concentrations of chlorophyll *a* and chlorophyll *b* were calculated using the following equations:

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
|---------|--------------|-------|-------|

HOURS 11.5.7.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | TOTAL | | | |
|--------------|-------------------------------------|-----|-----|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|--|--|--|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | ΣX ² | ΣX | X | X _s | No. Obs. | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

THE UNIVERSITY OF CHICAGO

MONTH

[illegible]

USAFETAC
FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
 1740
 WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATION

930 ADVL VBE 1 FEB 64

78-54

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | | | | | | | | | | | | | | | | |
|-----------|-----------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-----|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| HRS LST | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | | | | | | | | | | | | | | | | |
| -2 | MEAN | 47.3 | 48.5 | 51.1 | 52.7 | 54.4 | 56.6 | 58.5 | 57.5 | 59.9 | 60.2 | 57.4 | 49.4 | 47.5 | -11 | MEAN | 55.1 | 55.8 | 57.2 | 57.1 | 58.9 | 61.2 | 61.5 | 62.8 | 66.5 | 64.4 | 61.1 | 57.4 | 57.0 | |
| | S D | 5.898 | 5.811 | 4.851 | 5.128 | 4.345 | 5.553 | 4.125 | 3.975 | 6.274 | 5.24 | 5.573 | 5.102 | 6.139 | | S D | 6.544 | 6.365 | 5.515 | 5.557 | 5.081 | 5.152 | 5.170 | 5.254 | 7.715 | 6.525 | 6.617 | 6.574 | 6.557 | |
| | TOTAL OBS | 254 | 240 | 296 | 295 | 451 | 442 | 425 | 449 | 425 | 294 | 18 | 127 | 411 | | TOTAL OBS | 542 | 622 | 775 | 643 | 677 | 651 | 642 | 654 | 656 | 632 | 649 | 642 | 749 | |
| 12-14 | MEAN | 58.7 | 59.7 | 59.4 | 59.5 | 60.5 | 63.1 | 64.4 | 65.5 | 65.4 | 66.4 | 64.3 | 62.1 | 62.5 | -17 | MEAN | 57.3 | 57.4 | 57.5 | 59.1 | 62.0 | 63.2 | 64.4 | 67.2 | 63.5 | 61.3 | 58.2 | 58.2 | 60.0 | |
| | S D | 6.977 | 6.155 | 5.595 | 4.934 | 4.359 | 5.143 | 4.171 | 4.195 | 6.925 | 5.424 | 6.115 | 6.367 | 6.229 | | S D | 5.911 | 4.859 | 4.997 | 4.117 | 4.373 | 4.895 | 4.398 | 4.374 | 7.289 | 5.025 | 5.020 | 5.262 | 5.975 | |
| | TOTAL OBS | 543 | 614 | 714 | 676 | 669 | 667 | 637 | 677 | 655 | 57 | 627 | 64 | 767 | | TOTAL OBS | 572 | 575 | 777 | 549 | 575 | 455 | 43 | 473 | 466 | 457 | 50 | 622 | 6641 | |
| | | MEAN | | | | | | | | | | | | | | | MEAN | | | | | | | | | | | | | |
| | | S D | | | | | | | | | | | | | | | S D | | | | | | | | | | | | | |
| | | TOTAL OBS | | | | | | | | | | | | | | | TOTAL OBS | | | | | | | | | | | | | |
| | | MEAN | | | | | | | | | | | | | | | MEAN | | | | | | | | | | | | | |
| | | S D | | | | | | | | | | | | | | | S D | | | | | | | | | | | | | |
| | | TOTAL OBS | | | | | | | | | | | | | | | TOTAL OBS | | | | | | | | | | | | | |
| | | MEAN | | | | | | | | | | | | | | | MEAN | | | | | | | | | | | | | |
| | | S D | | | | | | | | | | | | | | | S D | | | | | | | | | | | | | |
| | | TOTAL OBS | | | | | | | | | | | | | | | TOTAL OBS | | | | | | | | | | | | | |
| ALL HOURS | | MEAN | 55.1 | 56.5 | 57.2 | 57.5 | 58.5 | 61.3 | 61.7 | 62.9 | 65.9 | 63.3 | 61.1 | 58.2 | | | MEAN | 55.1 | 56.5 | 57.2 | 57.5 | 58.5 | 61.3 | 61.7 | 62.9 | 65.9 | 63.3 | 61.1 | 58.2 | 57.0 |
| | | S D | 7.026 | 6.442 | 5.534 | 5.355 | 5.041 | 5.901 | 5.243 | 5.359 | 7.752 | 6.700 | 6.729 | 7.064 | | | S D | 7.026 | 6.442 | 5.534 | 5.355 | 5.041 | 5.901 | 5.243 | 5.359 | 7.752 | 6.700 | 6.729 | 7.064 | 6.847 |
| | | TOTAL OBS | 2301 | 2354 | 2433 | 2313 | 2297 | 2233 | 2134 | 2293 | 2202 | 2113 | 2034 | 2133 | | | TOTAL OBS | 2301 | 2354 | 2433 | 2313 | 2297 | 2233 | 2134 | 2293 | 2202 | 2113 | 2034 | 2133 | 2655 |

CLIMATE BRANCH
 AFETAC
 WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WEATHER TEMPERATURES DERIVED FROM HOURLY OBSERVATIONS

930 VANDENBERG AFB CA

7-84

STATION

STATION NAME

YEARS

| HRS LST | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| MEAN | 45.2 | 45.5 | 47.7 | 48.5 | 50.0 | 53.1 | 54.1 | 55.0 | 56.5 | 52.2 | 48.6 | 44.0 | |
| S D | 3.174 | 3.147 | 4.535 | 3.514 | 2.993 | 3.134 | 2.700 | 3.076 | 4.313 | 4.706 | 3.372 | 5.721 | 5.336 |
| TOTAL OBS | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| MEAN | 45.0 | 45.3 | 47.0 | 48.4 | 50.1 | 53.5 | 57.2 | 58.0 | 59.2 | 56.3 | 52.3 | 48.0 | 50.7 |
| S D | 4.938 | 4.275 | 4.471 | 3.572 | 3.095 | 3.344 | 3.237 | 3.400 | 4.523 | 4.289 | 4.849 | 4.800 | 5.401 |
| TOTAL OBS | 51 | 52 | 72 | 53 | 57 | 66 | 64 | 64 | 65 | 51 | 54 | 44 | 71 |
| MEAN | 51.7 | 52.0 | 52.4 | 52.3 | 54.0 | 55.5 | 58.4 | 59.3 | 61.1 | 58.3 | 54.7 | 52.0 | 55.0 |
| S D | 4.173 | 3.704 | 4.254 | 3.475 | 2.879 | 2.715 | 2.754 | 2.887 | 3.995 | 3.632 | 4.249 | 3.900 | 4.760 |
| TOTAL OBS | 55 | 51 | 71 | 57 | 66 | 67 | 57 | 67 | 65 | 67 | 51 | 54 | 70 |
| MEAN | 50.0 | 51.0 | 51.8 | 51.3 | 53.1 | 55.5 | 57.0 | 58.5 | 60.4 | 57.2 | 54.0 | 51.0 | 54.0 |
| S D | 3.470 | 3.557 | 4.334 | 3.177 | 2.767 | 2.848 | 2.840 | 2.843 | 4.100 | 3.470 | 4.000 | 3.100 | 4.570 |
| TOTAL OBS | 55 | 51 | 70 | 54 | 57 | 45 | 43 | 47 | 45 | 45 | 44 | 42 | 53 |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |
| ALL HOURS | MEAN | 49.6 | 50.9 | 51.3 | 51.3 | 52.8 | 55.4 | 57.0 | 57.9 | 59.5 | 56.5 | 51.0 | 53.0 |
| | S D | 3.274 | 4.626 | 4.532 | 3.747 | 3.215 | 3.307 | 3.332 | 3.433 | 4.569 | 4.489 | 4.901 | 5.330 |
| | TOTAL OBS | 227 | 203 | 242 | 233 | 229 | 233 | 213 | 220 | 211 | 203 | 213 | 253 |

AL CLIMATOLOGY RANCH
ETAC
WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DERIVED FROM HUMIDITY RATIO

937 LANDLUBE 3 AFB CA

75-54

STATION

STATION NAME

YEARS

| HRS. EST. | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| MEAN | 47.7 | 42.1 | 44.1 | 44.3 | 47.1 | 50.0 | 52.3 | 55.1 | 54.0 | 47.8 | 41.5 | 35.1 | 47.4 |
| S D | 7.133 | 7.091 | 6.540 | 4.731 | 3.688 | 3.698 | 2.97 | 3.100 | 4.545 | 5.945 | 5.755 | 7.898 | 7.715 |
| TOTAL OBS | 244 | 240 | 255 | 251 | 451 | 442 | 425 | 445 | 429 | 427 | 10 | 207 | 4114 |
| MEAN | 41.0 | 44.7 | 44.9 | 45.1 | 46.1 | 50.9 | 55.5 | 54.5 | 55.1 | 55.4 | 48.7 | 45.1 | 47.6 |
| S D | 5.751 | 5.935 | 7.154 | 5.703 | 4.545 | 3.471 | 3.140 | 3.318 | 4.274 | 7.051 | 5.575 | 9.235 | 5.75 |
| TOTAL OBS | 511 | 122 | 725 | 523 | 575 | 503 | 542 | 594 | 552 | 571 | 519 | 542 | 7515 |
| MEAN | 42.0 | 45.9 | 45.9 | 45.7 | 48.2 | 51.2 | 53.0 | 54.5 | 55.1 | 51.5 | 45.5 | 42.0 | 48.7 |
| S D | 7.992 | 5.552 | 5.522 | 4.454 | 3.715 | 3.989 | 3.233 | 3.153 | 4.313 | 6.515 | 7.564 | 5.521 | 7.351 |
| TOTAL OBS | 511 | 513 | 711 | 515 | 665 | 667 | 577 | 677 | 555 | 631 | 515 | 541 | 7567 |
| MEAN | 43.0 | 46.9 | 46.5 | 46.4 | 47.7 | 50.7 | 53.3 | 54.3 | 55.7 | 52.0 | 47.7 | 45.0 | 48.5 |
| S D | 7.334 | 5.715 | 5.515 | 4.239 | 3.546 | 3.741 | 3.321 | 2.993 | 4.437 | 5.27 | 5.175 | 7.017 | 5.505 |
| TOTAL OBS | 65 | 505 | 704 | 547 | 500 | 450 | 43 | 473 | 485 | 457 | 399 | 52 | 5634 |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |
| ALL HOURS | MEAN | 42.0 | 45.4 | 45.6 | 45.7 | 47.7 | 50.0 | 53.4 | 54.2 | 55.0 | 50.7 | 47.3 | 47.4 |
| S D | 5.315 | 6.708 | 6.559 | 4.519 | 3.833 | 3.855 | 3.22 | 3.215 | 4.555 | 6.741 | 5.165 | 5.557 | 7.459 |
| TOTAL OBS | 2207 | 2053 | 2425 | 2303 | 2295 | 2233 | 2134 | 2251 | 2272 | 2111 | 233 | 2133 | 2553 |

RELATIVE HUMIDITY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

RELATIVE HUMIDITY

7-1-2

PERIOD

MONTH

[illegible]

FORM
JUL 64

0-87-5 (OL A)

J. HAL CLIMATOLOGY BRANCH
 USAFETAC
 WEATHER SERVICE/CMAC

RELATIVE HUMIDITY

930
 STATION

ANDREWS AFB CA

STATION NAME

10-1

PERIOD

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% | |
| 1-1 | 1-24 | | | | | | | | | | |
| 1-2 | 1-24 | | | | | | | | | | |
| 1-3 | 1-24 | 100.0 | 100.0 | 99.8 | 98.8 | 97.7 | 95.8 | 71.1 | 1.0 | 71.1 | 71.1 |
| 1-4 | 1-24 | 100.0 | 99.9 | 97.8 | 91.1 | 87.7 | 64.7 | 41.1 | 1.0 | 65.1 | 71.1 |
| 1-5 | 1-24 | 100.0 | 99.4 | 97.8 | 91.1 | 74.2 | 57.1 | 3.0 | 12.0 | 1.0 | 71.1 |
| 1-6 | 1-24 | 100.0 | 99.8 | 97.8 | 97.8 | 92.8 | 74.9 | 42.1 | 12.0 | 1.0 | 71.1 |
| 1-7 | 1-24 | | | | | | | | | | |
| 1-8 | 1-24 | | | | | | | | | | |
| 1-9 | 1-24 | | | | | | | | | | |
| 1-10 | 1-24 | | | | | | | | | | |
| 1-11 | 1-24 | | | | | | | | | | |
| 1-12 | 1-24 | | | | | | | | | | |
| 1-13 | 1-24 | | | | | | | | | | |
| 1-14 | 1-24 | | | | | | | | | | |
| 1-15 | 1-24 | | | | | | | | | | |
| 1-16 | 1-24 | | | | | | | | | | |
| 1-17 | 1-24 | | | | | | | | | | |
| 1-18 | 1-24 | | | | | | | | | | |
| 1-19 | 1-24 | | | | | | | | | | |
| 1-20 | 1-24 | | | | | | | | | | |
| 1-21 | 1-24 | | | | | | | | | | |
| 1-22 | 1-24 | | | | | | | | | | |
| 1-23 | 1-24 | | | | | | | | | | |
| 1-24 | 1-24 | | | | | | | | | | |
| TOTALS | | 100.0 | 99.7 | 98.4 | 94.2 | 85.4 | 71.1 | 47.5 | 24.1 | 6.0 | 74.1 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

$$I = 1.0$$

PERIOD

MONTH

[illegible]

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

RELATIVE HUMIDITY

15-

STATION

STATION NAME

PERIOD

MONITOR

| 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 | 5-22 | | | | | | | | | | | |
| | 5-25 | | | | | | | | | | | |
| | 5-26 | 100.0 | 100.0 | 99.3 | 98.4 | 97.5 | 93.8 | 75.7 | 38.7 | 10.2 | 7. | 4. |
| | 5-31 | 100.0 | 100.0 | 99.4 | 97.5 | 93.2 | 75.2 | 42. | 14.0 | 0.7 | 5. | 670 |
| | 6-14 | 100.0 | 100.0 | 99.1 | 97.5 | 93.7 | 85.5 | 25.1 | 0. | .3 | .. | 26. |
| | 6-17 | 100.0 | 99.5 | 99.4 | 97.5 | 95.0 | 70.4 | 33.2 | 5. | 1.2 | 55. | 0 |
| | 6-20 | | | | | | | | | | | |
| | 6-23 | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.3 | 97.5 | 94.5 | 77.7 | 45.3 | 17.0 | 4.4 | 5.0 | 2890 |

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

15- -

STATION NAME

PERIOD

MONTH

[illegible]

FORM
JUL 64

0-87.5 (OL A)

RELATIVE HUMIDITY

PERIOD

MONI

[illegible]

RELATIVE HUMIDITY

7-1-1

STATION NAME

PERIOD

MONTH

[illegible]

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

MONTH

[illegible]

RELATIVE HUMIDITY

75- - 4

PERIOD

MONITORING

[illegible]

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

RELATIVE HUMIDITY

35-44

STATION NAME

PERIOD

MONTH

| 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% | | |
| JULY | 7-2 | | | | | | | | | | | |
| | 8-8 | | | | | | | | | | | |
| | 9-8 | 100.0 | 100.0 | 98.1 | 88.0 | 77.3 | 65.3 | 52.3 | 39.5 | 11.1 | 67. | 11 |
| | 10-11 | 100.0 | 97.9 | 88.0 | 74.1 | 58.8 | 44.5 | 28.2 | 13.0 | 3.1 | 50.1 | 214 |
| | 11-14 | 100.0 | 98.2 | 89.5 | 77.2 | 58.3 | 36.9 | 19.1 | 5.4 | 1.1 | 7.0 | 7 |
| | 12-17 | 100.0 | 99.3 | 90.2 | 81.7 | 61.8 | 55.6 | 42.9 | 16.4 | 2.1 | 15. | 24 |
| | 1-20 | | | | | | | | | | | |
| | 1-23 | | | | | | | | | | | |
| TOTALS | | 100.0 | 95.9 | 93.1 | 82.5 | 69.0 | 53.1 | 35.1 | 15.2 | 4.5 | 31. | 373 |

RELATIVE HUMIDITY

25-15

PERIOD

MONITOR

[illegible]

FORM
JUL 64

0-87-5 (OL A)

AL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE MAL

RELATIVE HUMIDITY

1952 STATION NAME PERIOD 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 | 24 | 100.0 | 7.0 | 43.2 | 64.7 | 71.4 | 57.3 | 32.2 | 10.4 | 7.0 | 62.0 | 247 |
| FEB | 24 | 100.0 | 9.0 | 45.1 | 63.0 | 67.0 | 70.0 | 62.7 | 21.3 | 10.0 | 71.0 | 242 |
| MAR | 24 | 100.0 | 9.7 | 48.4 | 64.2 | 66.4 | 71.1 | 47.8 | 24.7 | 10.0 | 60.0 | 242 |
| APR | 24 | 100.0 | 10.0 | 49.1 | 67.3 | 68.2 | 65.7 | 35.7 | 13.3 | 10.0 | 60.0 | 242 |
| MAY | 24 | 100.0 | 100.0 | 49.0 | 67.6 | 64.0 | 77.7 | 41.3 | 17.0 | 4.4 | 60.0 | 242 |
| JUN | 24 | 100.0 | 49.3 | 68.4 | 67.0 | 64.7 | 79.9 | 60.1 | 22.0 | 0.3 | 71.1 | 243 |
| JUL | 24 | 100.0 | 100.0 | 100.0 | 49.7 | 67.8 | 47.8 | 63.4 | 13.0 | 10.3 | 75.7 | 2434 |
| AUG | 24 | 100.0 | 100.0 | 100.0 | 49.8 | 67.9 | 64.6 | 69.4 | 29.0 | 1.0 | 4.0 | 242 |
| SEP | 24 | 100.0 | 49.7 | 68.5 | 65.4 | 40.4 | 71.1 | 56.0 | 30.0 | 10.1 | 1.0 | 242 |
| OCT | 24 | 100.0 | 49.1 | 66.1 | 61.0 | 62.6 | 71.0 | 46.0 | 22.0 | 0.8 | 67.7 | 2411 |
| NOV | 24 | 100.0 | 48.9 | 63.1 | 62.0 | 65.0 | 67.1 | 35.7 | 10.2 | 0.5 | 61.0 | 2423 |
| DEC | 24 | 100.0 | 47.2 | 61.1 | 61.7 | 69.3 | 64.1 | 38.1 | 18.5 | 0.0 | 60.0 | 2433 |
| TOTALS | | 100.0 | 49.3 | 67.1 | 63.0 | 65.7 | 71.5 | 47.5 | 22.9 | 0.0 | 60.4 | 2653 |

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PART :

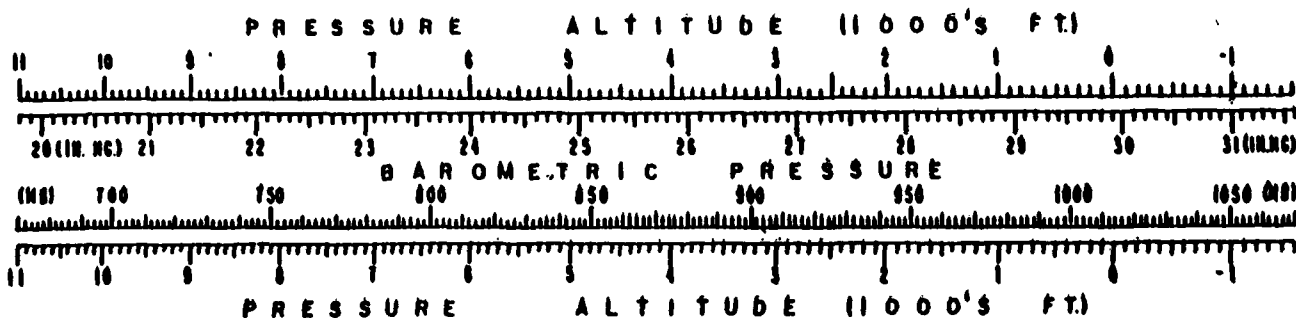
PRESSURE SUMMARY

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.



LOCAL CLIMATOLOGY - HAVEN
 METAD
 WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

930 LANDVBE-0 AFB DA

75-84

STATION

STATION NAME

YEARS

| HRS EST | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |
| MEAN | 29.531 | 29.592 | 29.505 | 29.511 | 29.574 | 29.556 | 29.556 | 29.561 | 29.523 | 29.507 | 29.669 | 29.598 | 29.581 |
| S D | .111 | .115 | .143 | .115 | .174 | .172 | .155 | .172 | .178 | .170 | .133 | .111 | .184 |
| TOTAL OBS | 22 | 35 | 47 | 65 | 224 | 217 | 212 | 225 | 214 | 195 | 17 | | 1906 |
| MEAN | 29.531 | 29.592 | 29.505 | 29.511 | 29.574 | 29.556 | 29.556 | 29.561 | 29.523 | 29.507 | 29.669 | 29.598 | 29.581 |
| S D | .111 | .115 | .143 | .115 | .174 | .172 | .155 | .172 | .178 | .170 | .133 | .111 | .184 |
| TOTAL OBS | 22 | 35 | 47 | 65 | 224 | 217 | 212 | 225 | 214 | 195 | 17 | | 1906 |
| MEAN | 29.540 | 29.651 | 29.504 | 29.619 | 29.580 | 29.571 | 29.569 | 29.569 | 29.522 | 29.506 | 29.640 | 29.640 | 29.581 |
| S D | .111 | .143 | .144 | .115 | .174 | .172 | .166 | .170 | .177 | .173 | .110 | .111 | .111 |
| TOTAL OBS | 22 | 27 | 238 | 224 | 222 | 223 | 212 | 225 | 217 | 209 | 204 | 213 | 2501 |
| MEAN | 29.527 | 29.627 | 29.579 | 29.591 | 29.559 | 29.554 | 29.546 | 29.541 | 29.499 | 29.577 | 29.621 | 29.653 | 29.574 |
| S D | .111 | .144 | .140 | .141 | .175 | .172 | .167 | .170 | .177 | .174 | .114 | .110 | .111 |
| TOTAL OBS | 221 | 23 | 275 | 226 | 222 | 217 | 212 | 223 | 215 | 201 | 201 | 20 | 2599 |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |
| ALL HOURS | 29.557 | 29.656 | 29.674 | 29.614 | 29.575 | 29.564 | 29.562 | 29.562 | 29.522 | 29.509 | 29.645 | 29.656 | 29.597 |
| S D | .134 | .143 | .145 | .143 | .175 | .172 | .167 | .172 | .180 | .175 | .122 | .113 | .111 |
| TOTAL OBS | 717 | 653 | 757 | 747 | 894 | 833 | 850 | 902 | 865 | 812 | 826 | 85 | 9388 |

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MB FROM HOURLY OBSERVATIONS

93 LAOINBE 4 AFH CA

5-84

| STATION | STATION NAME | | | | | | | | | | | | YEARS |
|-----------|--------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|
| HRS LST | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |
| MEAN | 1019.31 | 1019.31 | 1018.31 | 1018.51 | 1018.21 | 1014.51 | 1014.81 | 1014.71 | 1013.21 | 1013.51 | 1011.01 | 1011.11 | 1018.1 |
| S D | 4.242 | 3.803 | 4.915 | 3.332 | 2.665 | 2.482 | 2.252 | 2.345 | 2.726 | 2.352 | 4.155 | 4.77 | 3.15 |
| TOTAL OBS | | 35 | 45 | 67 | 224 | 214 | 214 | 225 | 214 | 183 | 10 | 11 | 1491 |
| MEAN | 1019.11 | 1018.91 | 1018.91 | 1017.11 | 1015.51 | 1015.31 | 1015.11 | 1015.21 | 1013.71 | 1013.81 | 1011.31 | 1011.41 | 1018.8 |
| S D | 4.535 | 4.934 | 5.13 | 3.27 | 2.657 | 2.485 | 2.244 | 2.375 | 2.737 | 2.545 | 4.301 | 4.301 | 3.49 |
| TOTAL OBS | 214 | 207 | 244 | 247 | 226 | 224 | 214 | 225 | 214 | 211 | 201 | 212 | 1614 |
| MEAN | 1017.51 | 1017.81 | 1015.11 | 1015.71 | 1015.11 | 1015.31 | 1014.81 | 1014.81 | 1013.21 | 1013.71 | 1011.41 | 1011.51 | 1018.1 |
| S D | 4.524 | 4.755 | 4.914 | 3.16 | 2.599 | 2.443 | 2.255 | 2.339 | 2.745 | 2.467 | 4.331 | 4.441 | 3.75 |
| TOTAL OBS | 220 | 207 | 235 | 224 | 224 | 223 | 212 | 225 | 215 | 211 | 211 | 11 | 158 |
| MEAN | 1015.11 | 1017.01 | 1015.31 | 1015.71 | 1014.11 | 1014.41 | 1014.11 | 1013.91 | 1012.41 | 1013.21 | 1011.51 | 1011.71 | 1018.2 |
| S D | 4.515 | 4.958 | 4.617 | 3.11 | 2.574 | 2.485 | 2.253 | 2.322 | 2.865 | 2.874 | 3.75 | 4.331 | 3.77 |
| TOTAL OBS | 213 | 203 | 235 | 225 | 222 | 217 | 211 | 223 | 214 | 211 | 199 | 11 | 2555 |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |
| MEAN | 1017.71 | 1017.91 | 1018.21 | 1015.51 | 1015.21 | 1014.71 | 1014.71 | 1014.51 | 1013.21 | 1013.71 | 1011.71 | 1011.71 | 1018.8 |
| S D | 4.535 | 4.932 | 4.955 | 3.172 | 2.552 | 2.481 | 2.282 | 2.386 | 2.766 | 2.443 | 4.95 | 4.444 | 3.791 |
| TOTAL OBS | 541 | 652 | 755 | 745 | 894 | 883 | 849 | 897 | 54 | 512 | 15 | 585 | 9247 |

END

DATE
FILMED

1-2-85

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