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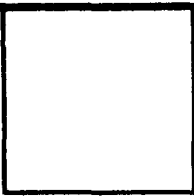
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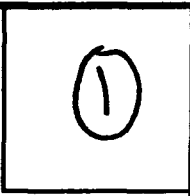
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USAFETAC/DS 9/1/55
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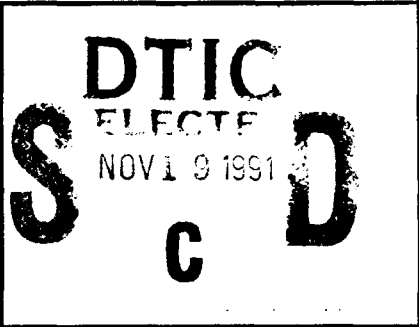
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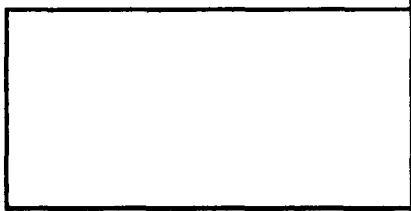
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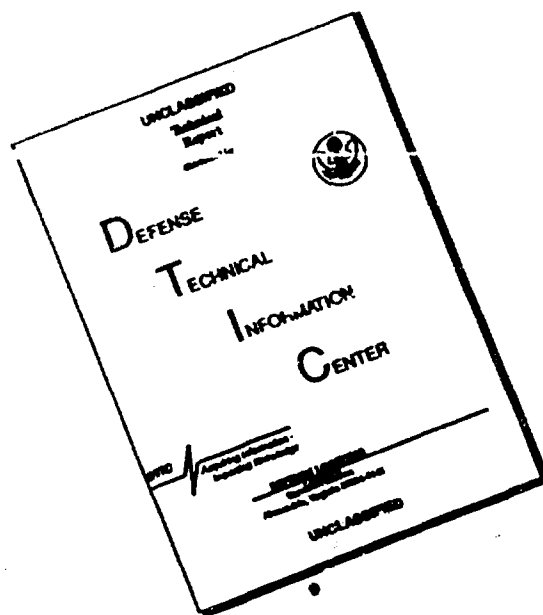
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AD-A242 812



DATA PROCESSING BRANCH
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

SPECIAL

VANDERBERG AFB GA
N 34 43 W 120 34

MSC #723930
VBG

ELEV: 367 FT

PARTS A-F

HOURS SUMMARIZED: 0000Z - 2300Z

PERIOD OF RECORD:

HOURLY OBSERVATIONS: SEP 63 - DEC 84
SUMMARY OF DAY DATA: OCT 51 - DEC 52, AUG 57 - DEC 84

TIME CONVERSION GMT TO LST: -8

16 MAY 1985

FEDERAL BUILDING
ASHEVILLE, N. C.

REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-91/155, Revised Uniform Summary of Surface Weather Observations (RUSSWO) for Vandenberg AFB, California, has been reviewed and is approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

FOR THE COMMANDER

A handwritten signature in cursive script, reading "Walter S. Burgmann", with a long horizontal flourish extending to the right.

WALTER S. BURGMANN
Scientific and Technical Information
Program Manager

REPORT DOCUMENTATION PAGE

2. Report Date: May 1985
3. Report Type and Dates Covered: Data Summary (RUSSWO) Oct 51-Dec 84
4. Title: Revised Uniform Summary of Surface Weather Observations for Vandenberg AFB, California, MSC 723930
7. Performing Organization Name and Address: Operating Location A, USAF Environmental Technical Applications Center (OL-A, USAFETAC), Federal Building, Asheville, NC 28801-2723
8. Performing Organization Report Number: USAFETAC/DS--91/155
12. Distribution/Availability Statement: Approved for public release; distribution is unlimited.
13. Abstract: A Revised Uniform Summary of Surface Weather Observations (RUSSWO) for Vandenberg AFB, California. See USAFETAC/TN-83/001 (AD-132186) for a complete description of the RUSSWO and its contents, as well as instructions for use.
14. Subject Terms: CLIMATOLOGY, WEATHER, WEATHER STATIONS, WEATHER OBSERVATIONS, STATISTICS, METEOROLOGICAL PHENOMENA, ATMOSPHERIC PHENOMENA, ATMOSPHERIC PRESSURE, PRECIPITATION, VISIBILITY, WIND, CLOUD, CLOUD CEILING, SKY COVER, PSYCHROMETRIC DATA, TEMPERATURE, RELATIVE HUMIDITY, VANDENBERG, CALIFORNIA
15. Number of Pages: 418
17. Security Classification of Report: Unclassified
18. Security Classification of this Page: Unclassified
19. Security Classification of Abstract: Unclassified
20. Limitation of Abstract: UL

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

Hourly observations are defined as those recorded on record-special observations recorded at scheduled hourly intervals.

HOURLY OBSERVATIONS

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV

(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

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

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WIND 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	APB	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 85*	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-14	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 64	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. 2. Located 250 ft S and 860 ft E of runway 12.	Same	Same	Same	
7	Jan 68	Same	Same	RO-362	Same	

NUMBER OF CHANGES	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	AN/GMQ-20	Same	Same	
		2. Same				
9	Apr 81	1. Same	Same	Same	Same	
		2. Same	Same	Same	Same	
10	Sep 82	1. Same	Same	Same	Same	
		2. Same	Same	Same	Same	
11	Jan 85	1. Same	Same	Same	Same	
		2. Same	Same	Same	Same	

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.

I HAVE REVIEWED AND FOUND SATISFACTORY THIS PRODUCT

15 May 85

A. J. Mitchell

AM Formster

15 May 85

PART A

WEATHER CONDITIONS

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

72393D STATION

VANDENBERG AFB CA STATION NAME

64-84 YEARS

JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		8.0				8.0	13.3	.1			13.5	929
	03-05		5.5				5.5	10.6	.1			10.6	1025
	06-08		7.1				7.1	12.0	.5			12.2	1288
	09-11	.1	6.1				6.1	8.6	.8			8.9	1705
	12-14		5.5			.1	5.5	6.3	1.1			7.0	1706
	15-17	.1	6.1			.1	6.1	8.3	1.5			9.3	1695
	18-20		6.9				6.9	11.9	1.5			12.8	1137
	21-23		8.6				8.6	13.2	1.0			13.8	1089
TOTALS		.0	6.7			.0	6.7	10.5	.8			11.0	10574

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/LMAC

WEATHER CONDITIONS

723930 STATION

VANDENBERG AFB CA STATION NAME

64-84 YEARS

FEB 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	00-02		8.4				8.4	13.1	.2			13.1	850
	03-05		7.1				7.1	11.3				11.3	938
	06-08		6.9				6.9	15.1	.9			15.4	1181
	09-11	.1	6.2				6.2	10.7	1.9			11.7	1555
	12-14		4.8				4.8	6.9	2.4			8.2	1547
	15-17	.1	4.6				4.6	9.0	3.2			10.7	1541
	18-20		3.0				3.0	12.7	2.0			13.0	974
	21-23	.2	5.7				5.7	12.9	.4			12.9	906
TOTALS		.1	5.8				5.8	11.5	1.4			12.0	9492

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723930 STATION

VANDEMBERG AFB CA STATION NAME

64-84 YEARS

MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /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		4.6				4.6	17.3	.5			17.6	936
	03-05		3.9				3.9	18.2	.1			18.2	1033
	06-08		5.6				5.6	19.5	.8			19.6	1348
	09-11	.3	5.0				5.0	10.3	1.9			11.2	1749
	12-14	.1	4.7			.1	4.7	6.2	2.4			7.7	1738
	15-17	.2	5.3			.1	5.3	8.8	2.8			10.3	1731
	18-20		4.5				4.5	15.1	1.9			15.6	1078
	21-23		5.1				5.1	16.6	.7			16.9	1084
TOTALS		.1	4.8			.0	4.8	14.0	1.4			14.6	10617

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723930 STATION

VANDENBERG AFB CA STATION NAME

64-84 YEARS

APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.1	6.2				6.2	16.4	.6			18.8	909
	03-05		6.1				6.1	19.1	.4			19.2	992
	06-08		4.5		.1		4.5	22.5	2.0			23.7	1319
	09-11		3.5				3.5	11.1	2.4			13.0	1679
	12-14	.1	3.2				3.2	5.7	2.8			7.7	1666
	15-17		3.2				3.2	7.3	3.2			9.4	1690
	18-20		2.8				2.8	11.3	3.2			13.2	1025
	21-23		3.0				3.0	14.1	1.0			14.8	969
TOTALS		.0	4.1		.0		4.1	13.7	2.0			15.0	10189

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723930
 STATION

VANDENBERG AFB CA

STATION NAME

64-84

YEARS

MAY
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02		5.8				5.8	34.8	.7			35.2	906
	03-05		7.0				7.0	36.7	1.0			37.3	1037
	06-08		3.9				3.9	43.5	2.5			45.2	1925
	09-11		1.2				1.2	23.8	3.6			25.9	1780
	12-14		.3				.3	14.4	4.3			18.6	1692
	15-17		.5				.5	14.4	4.3			17.2	1523
	18-20		.8				.8	24.4	3.9			26.6	1059
	21-23		3.5				3.5	28.0	2.1			29.7	1007
TOTALS			2.9				2.9	27.5	2.8			29.2	10000

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 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723930
 STATION

VANDEMERS AFB CA
 STATION NAME

64-84
 YEARS

JAN
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	30-02		10.4				10.4	41.0	.3			41.2	902
	03-05		10.8				10.8	47.8	.6			47.9	998
	06-08		6.4				6.4	52.3	2.5			54.0	1498
	09-11		1.0				1.0	23.4	2.5			24.7	1658
	12-14		.1				.1	10.8	3.5			13.0	1657
	15-17	.3	1.0				1.0	15.5	3.7			17.0	1447
	18-20	.3	3.0				3.0	28.2	3.5			30.8	1007
	21-23		5.6				5.6	34.9	2.9			37.4	965
TOTALS		.1	4.8				4.8	31.7	2.4			33.3	10082

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723930 STATION

VANDENBERG AFB CA

STATION NAME

64-84

YEARS

JUL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02		8.3				8.3	66.9	1.4			67.4	930
	03-05	.2	11.3				11.3	68.1	.5			68.3	1026
	06-08		6.0				6.0	74.6	.8			74.8	1059
	09-11		1.3				1.3	36.8	4.1			38.7	1665
	12-14		.2				.2	13.2	4.5			15.8	1660
	15-17		.1				.1	20.5	4.6			22.1	1686
	18-20		.9				.9	45.6	3.9			46.9	1037
	21-23		3.9				3.9	53.7	1.5			54.4	996
TOTALS		.0	4.1				4.1	47.4	2.7			48.6	10227

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GLOBAL CLIMATOLOGY BRANCH
JSAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723930 STATION VANDENBERG AFB CA STATION NAME 64-84 YEARS AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02		7.2				7.2	70.4	.5			70.4	959
	03-05		9.5				9.5	71.5	.8			71.5	1099
	06-08		5.3				5.3	76.5	1.6			77.3	1500
	09-11		.7				.7	39.0	4.3			40.9	1707
	12-14	.1	.2				.2	13.2	4.2			15.2	1701
	15-17		.2				.2	21.7	4.6			22.7	1996
	18-20		1.5				1.5	49.6	2.2			49.8	1078
	21-23		3.4				3.4	58.7	.8			58.8	1024
TOTALS		.0	3.5				3.5	50.1	2.4			50.8	10514

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 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723930
 STATION

VANDEMBERG AFB CA

STATION NAME

63-84

YEARS

SEP
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.1	4.5				4.5	42.4	.3			42.6	962
	03-05	.4	6.6				6.6	42.9	.3			42.9	1087
	06-08	.2	6.7				6.7	53.6	1.2			54.0	1543
	09-11	.1	2.0				2.0	29.7	3.1			31.4	1732
	12-14	.1	1.3				1.3	14.7	5.1			17.3	1735
	15-17	.1	1.0				1.0	18.8	4.6			20.9	1546
	18-20	.3	2.1				2.1	31.5	3.1			33.0	1164
	21-23	.4	2.1				2.1	36.3	1.1			36.9	1087
TOTALS		.2	3.3				3.3	33.7	2.4			34.9	10856

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723930 STATION

VANDEMERS AFB CA

63-84

STATION NAME

YEARS

OCT
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02		5.0				5.0	28.8	.3			29.1	958
	03-05		4.7				4.7	27.8	.4			28.0	1081
	06-08		4.1				4.1	33.9	1.4			34.6	1525
	09-11		1.5				1.5	19.6	3.0			21.1	1798
	12-14		.7				.7	11.1	4.2			13.4	1746
	15-17		1.7				1.7	15.8	5.0			18.6	1573
	18-20		2.9				2.9	24.9	2.6			26.4	1154
	21-23		2.8				2.8	26.9	1.2			27.5	1089
TOTALS			2.9				2.9	23.6	2.3			24.8	10871

1
 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723930
 STATION

VANDENBERG AFB CA
 STATION NAME

63-84

YEARS

NOV
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02	.2	7.3				7.3	17.8	.3			17.8	905
	03-05		6.8				6.8	15.3	.7			15.6	1022
	06-08		5.7				5.7	18.0	1.6			18.6	1242
	09-11	.1	3.6				3.6	9.2	2.1			10.7	1600
	12-14		4.2				4.2	6.5	3.4			8.6	1689
	15-17	.1	4.3				4.3	10.2	2.6			11.3	1080
	18-20		6.5				6.5	15.5	3.1			16.2	1099
	21-23		7.8				7.8	18.1	.7			18.1	1083
TOTALS		.1	5.8				5.8	13.8	1.8			18.6	10410

GLOBAL CLIMATOLOGY BRANCH
 JSAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723930 STATION

VANDENBERG AFB CA STATION NAME

63-84

YEARS

DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02		6.9				6.9	11.8	.1			11.8	937
	03-05		6.7				6.7	10.3				10.3	1060
	06-08		6.6				6.6	12.2	.5			12.3	1287
	09-11		5.0				5.0	8.6	.9			8.9	1758
	12-14		4.8		.1		4.8	6.0	1.5			6.7	1757
	15-17		4.6				4.6	8.7	1.7			9.5	1741
	18-20		7.2				7.2	10.2	1.0			10.6	1165
	21-23		7.6				7.6	11.3	.3			11.9	1136
TOTALS			6.2		.1		6.2	9.9	.8			10.2	10891

GLOBAL CLIMATOLOGY BRANCH
 JSAFETYAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723930
 STATION

VANDEMBERG AFB CA
 STATION NAME

63-84

YEARS

ALL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.0	6.7			.0	6.7	10.5	.8			11.0	10574
FEB		.1	5.8				5.8	11.5	1.4			12.0	9492
MAR		.1	4.8			.0	4.8	14.0	1.4			14.6	10617
APR		.0	4.1		.0		4.1	13.7	2.0			15.0	10189
MAY			2.9				2.9	27.5	2.8			29.2	10484
JUN		.1	4.8				4.8	31.7	2.4			33.3	10082
JUL		.0	4.1				4.1	47.4	2.7			48.6	10227
AUG		.0	3.5				3.5	50.1	2.4			50.8	10514
SEP		.2	3.3				3.3	33.7	2.4			34.9	10856
OCT			2.9				2.9	23.6	2.3			24.8	10871
NOV		.1	5.8				5.8	13.0	1.8			14.6	10410
DEC			6.2		.0		6.2	9.9	.8			10.2	10841
TOTALS		.1	4.6		.0	.0	4.6	24.0	1.9			24.9	125157

PART A

ATMOSPHERIC PHENOMENA

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

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

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence. This presentation is by month with annual totals, and is prepared with all years combined.

NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.

(2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.

(3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $\frac{5}{8}$ mile.

GLOBAL CLIMATOLOGY BRANCH
 JSAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS
 XXXXXXXXXXXXXXXXXXXXXXXXXXXX
 ATMOSPHERIC PHENOMENA

723930 VANDENBERG AFB CA 52, 58-84 ALL MONTH
 STATION NAME YEARS

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
 FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	1.4	28.0		.4	1.1	28.0	31.0	7.4			32.3	733
FEB		.9	30.1			.6	30.1	38.4	9.7			39.1	672
MAR		.8	30.7	.1		.8	30.7	38.0	8.7			39.2	748
APR		.4	23.0			.3	23.0	41.5	11.7			42.5	744
MAY		.1	20.8				20.8	58.3	14.9			60.4	732
JUN		.7	24.8				24.8	71.4	15.7			72.7	737
JUL		.5	24.7				24.7	88.5	20.2			89.3	748
AUG		.5	22.6				22.6	88.4	16.3			88.8	766
SEP		1.6	20.3			.1	20.3	69.6	14.2			70.7	738
OCT		.1	16.2				16.2	55.7	15.7			56.4	752
NOV		.8	23.4			.1	23.4	39.5	11.1		.1	40.4	721
DEC		.1	22.5		.3	.5	22.5	31.6	8.9			32.8	754
TOTALS		.7	23.9	.0	.1	.3	23.9	54.3	12.9		.0	55.4	8845

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

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

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

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

Continued on Reverse Side

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

- NOTES:**
- (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
 - (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
 - (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945 at 0800LST
 Jan 46-May 57 at 1230GMT
 Jun 57-present at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52 at 0030GMT
 Jul 52-May 57 at 1230GMT
 Jun 57-present at 1200GMT

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 PRECIPITATION
 (FROM DAILY OBSERVATIONS)

723930 STATION VANDENBERG AFB CA STATION NAME 52 58-84 YEARS

PRECIP. SNOWFALL SNOW- DEPTH	AMOUNTS (INCHES)												PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
	NONE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
JAN	68.1	5.9	1.7	5.1	3.3	3.9	5.5	3.5	2.9				26.0	762	2.53	9.30	.00
FEB	65.6	6.5	1.3	4.0	4.6	6.3	4.9	3.7	2.7	.3			28.0	694	2.38	9.21	.08
MAR	63.7	8.9	2.8	5.3	2.2	5.9	5.5	4.1	1.5	.1			27.5	779	2.20	7.02	TRACE
APR	71.4	9.1	2.7	4.6	3.0	3.9	2.7	2.0	.7				19.5	744	1.18	4.61	.01
MAY	76.5	14.5	2.9	3.4	1.4	.7	.4	.1	.1				9.1	761	.17	2.67	TRACE
JUN	74.1	19.5	2.5	3.5		.4							6.4	764	.06	.32	.00
JUL	73.9	21.5	1.8	2.6	.3								4.6	781	.02	.14	.00
AUG	73.6	20.7	3.4	1.1	.8	.4		.1					5.8	798	.04	1.04	.00
SEP	75.1	14.8	4.1	2.7	1.1	.8	1.1	.1	.1				10.1	736	.16	2.28	.00
OCT	80.6	10.5	1.2	2.0	1.1	2.0	1.3	1.1	.3				8.9	752	.68	2.55	.00
NOV	71.5	7.7	1.3	4.5	2.7	3.3	4.1	3.9	.9				20.8	757	2.04	6.26	.00
DEC	72.6	5.0	3.2	4.0	2.0	5.0	3.8	.3	.9	.3			22.4	784	2.03	5.50	.14
ANNUAL	72.2	12.0	2.4	3.6	1.9	2.7	2.4	1.8	.8	.1			15.8	910	1.34	3.49	

GLOBAL CLIMATOLOGY BRANCH
 JSAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 PRECIPITATION

(FROM DAILY OBSERVATIONS)

STATION **123930** **VANDEMERSBERG AFB CA** STATION NAME **52** **58-84** YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
52	1.49	.36	3.22	.37	TRACE	.32	.01	.01	.37	TRACE	1.27	.76	
53	1.35*	1.18	.91	.19	TRACE	TRACE	TRACE	.01	.31	TRACE	.07	.18	1.35
54	.92	1.53	.21	1.16	.31	.01	TRACE	.02	.00	1.49	.92	.73	1.53
51	.61	.08	.35	.09	.06	.04	.01	TRACE	.01	TRACE	.68	.82	.82
52	.89	1.75	.96	.01	.14	TRACE	TRACE	TRACE	TRACE	.27	.01	.50	1.75
63	.47	2.05	1.31	.71	.31	.02	TRACE	.20	.32	.45	.82	.11	2.05
64	1.30	.27	.89	.34	.16	.33	.05	.07	TRACE	.96	.64	.51	1.30
55	.43	.37	.60	1.32	.01	TRACE	.03	.01	.05	.03	1.35	1.26	1.35
56	.98	.31	.31	.03	.02	.02	.01	.01	.09	.01	1.10	3.04	3.04
67	.79	.21	.70	.77	.28	.13	TRACE	.02	.13	TRACE	.71	.63	.79
58	.33	.74	1.59	.65	.13	.01	TRACE	.07	TRACE	1.29	.41	.52	1.59
59	1.60	1.66	.16	1.07	.05	.05	.02	.01	.10	.35	.81	.24	1.66
70	.52	1.45	.68	.05	TRACE	.04	.01	TRACE	.02	.18	1.45	.78	1.45
71	.45	.15	.54	.90	.70	.01	.09	.10	.10	.06	.50	.57	.90
72	.11	.14	TRACE	.25	.03	.03	.02	TRACE	.02	.93	1.34	.63	1.34
73	2.26	1.42	.97	.04	.07	TRACE	TRACE	TRACE	.06	.34	.73	.87	2.26
74	1.46	.11	1.84	.76	.37	.33	.03	.02	.03	.74	.12	2.75	2.75
75	.16	1.04	1.35	.39	.10*	.02*	.03*	.01*	.03*	.24*	.35*	.18	1.36
76	.00*	2.52*	.73*	.54*	.01*	.18*	.04*	.87*	.99*	.13*	.08*	.38	2.52
77	1.33*	.17*	1.04*	.02*	2.15*	.04*	.03*	.03*	.06*	.06*	.24*	1.65	2.15
73	1.12*	2.10*	2.21*	.80*	.02*	.03*	.04*	.00*	1.72*	.00*	.60*	.53	2.21
79	1.75*	1.03*	.55*	.22*	.12*	.00*	.00*	TRACE*	TRACE*	.30*	.39*	.10	1.75
80	1.74*	1.95*	.80*	.20*	.05*	TRACE*	.09*	TRACE*	.01*	.00*	.00*	.57	1.95
91	1.14*	.84*	1.61*	.01*	.01*	.00*	.00*	.06*	.01*	.72*	.46*	.41	1.61
92	1.06*	.65*	.94*	1.46*	TRACE*	.02*	.02*	.01*	.32*	.52*	1.00*	.76	1.46
33	2.47*	3.14*	1.58*	.82*	.12*	.05*	.00*	.21*	.28*	1.00*	.86*	.54	3.14
34	.02*	.15*	.40*	.27*	TRACE*	TRACE*	TRACE*	.09*	TRACE*	.27*	.90*	1.06	1.06
MEAN	.971	.791	.856	.526	.119	.026	.017	.031	.095	.418	.718	.838	1.639
S. D.	.575	.735	.794	.424	.171	.030	.022	.050	.121	.488	.471	.802	.657
TOTAL OBS.	762	694	779	744	761	764	781	798	735	752	751	784	9106

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 JSAFETAC
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XXXXXXXXXXXXXXXXXXXX
 EXTREME VALUES
 XXXXXXXXXXXXXXXXXXXX
 MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

STATION 723930 VANDENBERG AFB CA 52, 58-84 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
52	5.17	1.23	7.02	.90	TRACE	.03	.01	.03	.60	TRACE	2.48	3.77	
53	1.63*	3.37	.02	.18	TRACE	*TRACE	.02	.03	.41	TRACE	.11	.18	* 5.87
59	3.03	3.90	.50	1.74	.01	.01	TRACE	.04	.00	1.66	3.36	.84	15.49
51	1.06	.16	.70	.10	.08	.04	.01	TRACE	.01	TRACE	1.39	1.15	4.72
52	2.10	9.21	2.05	.01	.17	TRACE	TRACE	TRACE	TRACE	.44	.01	.53	14.52
53	.89	3.12	3.41	2.56	.35	.04	TRACE	.27	.53	.83	2.58	.16	14.75
54	1.89	.08	2.66	.46	.28	.07	.05	.07	TRACE	1.88	2.32	2.61	12.37
55	1.11	.48	1.66	4.03	.01	TRACE	.03	.01	.05	.03	6.26	2.82	16.49
56	1.18	1.25	.32	.05	.05	.03	.03	.04	.15	.01	2.11	5.47	10.69
57	1.94	.40	2.29	4.61	.36	.32	TRACE	.02	.39	TRACE	2.33	1.39	13.95
58	1.14	1.22	3.58	1.13	.19	.01	TRACE	.07	TRACE	2.55	.94	2.39	13.32
69	9.30	7.73	.60	1.88	.12	.18	.03	.01	.19	.52	1.58	.73	22.87
70	2.02	2.09	1.13	.11	TRACE	.09	.01	TRACE	.03	.18	2.46	3.04	11.16
71	1.11	.24	.93	1.37	.95	.03	.10	.12	.10	.08	.92	3.14	9.09
72	.21	.37	TRACE	.31	.04	.04	.02	TRACE	.02	1.46	5.05	1.46	8.98
73	5.61	5.92	3.46	.05	.18	TRACE	TRACE	TRACE	.18	.58	2.64	1.98	20.60
74	5.59	.24	5.21	1.10	.10	.07	.09	.08	.14	1.26	.14	4.71	18.73
75	.30	2.76	4.02	.71	.17*	.02*	.06*	.03*	.04*	.58*	.35*	.21	* 9.25
76	* .00*	* 4.61*	* 1.69*	* 1.49*	* .01*	* .18*	* .14*	* 1.04*	* 2.28*	* .16*	* .18*	* .38	* 12.16
77	* 2.27*	* .22*	* 1.44*	* .07*	* 2.67*	* .06*	* .04*	* .05*	* .11*	* .13*	* .25*	* 5.50	* 12.81
78	* 5.05*	* 7.97*	* 5.69*	* 2.68*	* .02*	* .06*	* .11*	* .00*	* 1.72*	* .00*	* 1.31*	* 1.11	* 25.72
79	* 4.61*	* 2.92*	* 2.49*	* .25*	* .13*	* .00*	* .00*	* TRACE*	* TRACE*	* .44*	* .63*	* .14	* 11.63
80	* 4.80*	* 4.66*	* 1.57*	* .48*	* .14*	* TRACE*	* .09*	* TRACE*	* .01*	* .00*	* .00*	* .84	* 12.59
81	* 4.13*	* 1.74*	* 3.94*	* .01*	* .02*	* .00*	* .00*	* .06*	* .01*	* .92*	* .90*	* 1.01	* 12.74
82	* 3.05*	* 1.48*	* 4.63*	* 2.62*	* TRACE*	* .02*	* .02*	* .02*	* .68*	* .76*	* 4.03*	* 1.62	* 18.93
83	* 6.79*	* 7.15*	* 6.96*	* 2.63*	* .15*	* .05*	* .00*	* .27*	* .28*	* 1.32*	* 1.70*	* 1.10	* 28.40
84	* .03*	* .42*	* .40*	* .60*	* TRACE*	* TRACE*	* TRACE*	* .09*	* TRACE*	* .47*	* 2.43*	* 3.50	* 7.94
MEAN	2.533	2.376	2.203	1.183	.171	.056	.022	.044	.165	.675	2.038	2.034	13.849
S.D.	2.395	2.804	1.955	1.360	.227	.081	.030	.066	.197	.802	1.689	1.578	4.714
TOTAL OBS.	752	694	779	744	761	764	781	798	736	752	751	784	9106

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 SMO - FALL
 (FROM DAILY OBSERVATIONS)

723930 STATION VANDENBERG AFB CA STATION NAME 2. 57-84 YEARS

PRECIP. SNOWFALL SNOW- DEPTH	NONE NONE NONE	TRACE TRACE TRACE	AMOUNTS (INCHES)												PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)				
			.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	20.01-50.4	50.4 OVER 50.4			MEAN	GREATEST	LEAST		
			1	2	3	4.6	7.12	13.24	25.36	37.48	49.60	61-120	OVER 120								
JAN	99.6	.4															782	TRACE	TRACE	.0	
FEB	100.0																	695	.0	.0	.0
MAR	100.0																	779	.0	.0	.0
APR	100.0																	770	.0	.0	.0
MAY	100.0																	791	.0	.0	.0
JUN	100.0																	766	.0	.0	.0
JUL	100.0																	781	.0	.0	.0
AUG	100.0																	809	.0	.0	.0
SEP	100.0																	760	.0	.0	.0
OCT	100.0																	775	.0	.0	.0
NOV	100.0																	770	.0	.0	.0
DEC	99.9	.1																816	TRACE	TRACE	.0
ANNUAL	100.0	.0																6294	.	.	.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 SNOWFALL

(FROM DAILY OBSERVATIONS)

723930 STATION VANDENBERG AFB CA STATION NAME 52, 57-84 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	*TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	*TRACE
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	*TRACE
80	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
91	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
92	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
93	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
94	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	*TRACE
MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
S.D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	792	695	779	770	791	766	781	809	760	775	770	816	929

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

XXXXXXXXXX
 MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

723930 STATION VANDENBERG AFB CA STATION NAME
 52, 57-84 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	*TRACE
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	*TRACE
80	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
84	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	*TRACE
MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
S.D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	792	695	779	770	791	766	781	809	760	775	770	816	9294

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 SNOW DEPTH
 (FROM DAILY OBSERVATIONS)

723930 STATION VANDEMERS AFB CA STATION NAME 52 YEARS 57-84

PRECIP SNOWFALL SNOW- DEPTH	NONE NONE NONE	TRACE TRACE TRACE	AMOUNTS (INCHES)												PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)										
			.01	.02-.05	.06-10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	15.5-25.4			25.5-50.4	OVER 50.4	MEAN	GREATEST	LEAST						
			1	2	3	4.6	7.12	13.24	25.36	37.48	49.60	61.120	OVER 120														
JAN	100.0																	783									
FEB	100.0																		716								
MAR	100.0																		605								
APR	100.0																		770								
MAY	100.0																		791								
JUN	100.0																		766								
JUL	100.0																		781								
AUG	100.0																		809								
SEP	100.0																		760								
OCT	100.0																		775								
NOV	100.0																		770								
DEC	100.0																		816								
ANNUAL	100.0																		9344								

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

STATION 723930 VANDEMBERG AFB CA STATION NAME 52 57-84 YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
52	0	0	0	0	0	0	0	0	0	0	0	0	0
57	*	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0
79	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0	0	0	0	0
81	0	0	0	0	0	0	0	0	0	0	0	0	0
82	0	0	0	0	0	0	0	0	0	0	0	0	0
83	0	0	0	0	0	0	0	0	0	0	0	0	0
84	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S. D.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL OBS.	733	718	825	773	791	766	781	879	762	775	772	816	9349

NOTE * (BASED ON LESS THAN FULL MONTHS)

PART C

SURFACE WINDS

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

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

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

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
 JSAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 SURFACE WINDS

(FROM DAILY OBSERVATIONS)

723930 STATION VANDENBERG AFB CA

63-54

STATION NAME

YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
63					NW	31NNW	28V	26NW	25NNW	22NNE	24NW	30NW	22
64	SSW 36NW	27ESE	31NW	32NW	31NW	32NW	32NW	29NW	22NW	24ESE	21SW	29ESE	32
65	NNW 32NW	32SE	40NNW	34NNW	35NNW	29NW	25NW	23NW	25NNW	30SE	35SW	*31	SE 40
66	SE 33NW	30NW	33NW	25NW	23NW	30NW	23NW	22NW	24NNW	25ESE	28SE	*34	SE *34
67	SSW 33NNE	24NNW	28NW	29NNW	27NW	23NW	*16NNW	*21NNW	20NW	28SE	26S	28	SSW 33
68	NW 22SE	*22NNW	26NNW	36NNW	28NNW	2629/	2429/	2831/	3231/	2832/	3133/	33	NNW 36
69	33/ 4119/	4132/	3633/	3532/	3332/	3132/	2531*	2434/	2633/	3215/	3333/	33	33/ 41
70	13/ 3217/	3133/	2932/	3332/	3232/	3632/	2532/	2333/	2732/	2428/	3813/	32	28/ 38
71	33/ 2933/	3533/	3330/	3234/	2632/	2033/	2832/	2931/	3033/	3233/	2513/	39	13/ 39
72	33/ 2933/	2834/	3333/	3133/	2933/	3233/	2334/	3034/	2517/	3234/	3030/	32	34/ 33
73	13/ 3616/	4033/	3733/	3736/	3035/	3234/	2633/	2533/	2733/	2716/	2931/	28	16/ 40
74	14/ 3433/	3233/	2531/	3133/	2731/	2033/	2433/	2132/	1932/	36	1/ 2613/	35	32/ 36
75	34/ 2818/	3313/	4033/	3032/	3534*	3033*	2532*	2923*	2033*	2933*	3033*	26	13/ 40
76	33*	1933*	2531*	3231*	4032*	2433*	3232*	2632*	2923*	22	2*	20	31*
77	33*	2033*	2933*	3222*	3232*	3032*	2433*	2031*	2534*	2833*	24	1*	15*
78	25*	3831*	3014*	3232*	2433*	3034*	2832*	2511*	3034*	3133*	1713*	2431*	26*
79	14*	4114*	3031*	3033*	3633*	3333*	3334*	3735*	3232*	2732*	2610*	4414*	10*
80	12*	2813*	3532*	37	35	30*	3333*	3212*	3032*	20	9*	3332*	10*
81	29*	48	1*	3831*	3333*	2831*	3133*	3624*	1932*	2632*	22	1*	29*
82	12*	3736*	3028*	3032*	3032*	2532*	2929*	1831*	2033*	2734*	3031*	52	25
83	11*	4423*	5416*	3613*	3432*	3729*	3233*	3732*	2231*	2231*	3414*	3635*	20*
94	36*	3429*	3033*	3332*	3932*	3633*	3232*	2433*	3733/	2532*	3013*	3732*	32*
MEAN	32.1	32.1	32.6	32.1	29.5	28.3	25.2	24.8	25.1	28.3	30.0	31.4	37.0
S.D.	4.795	5.147	5.035	3.289	4.095	5.065	1.722	3.190	3.593	4.330	3.838	4.575	2.530
TOTAL OBS.	562	521	572	554	593	574	577	600	571	577	555	555	6808

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OIA)

5 (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
 STATION

VANDENBERG AFB CA
 STATION NAME

64-84
 YEARS

JAN
 MONTH

ALL WEATHER
 CLASS

YEAR

ALL
 HOUR (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	1.8	2.6	3.0	1.5	.1	.0						9.0	7.1
NNE	1.0	1.7	1.3	.7	.0							4.7	6.5
NE	.9	.8	.6	.1								2.3	4.7
ENE	1.0	.7	.1									1.8	3.5
E	2.8	3.9	.6	.0								7.3	4.0
ESE	3.5	8.4	2.8	.4	.2	.0						15.2	5.3
SE	2.0	3.4	1.9	1.9	.9	.2	.0					10.4	8.3
SSE	.6	.7	.8	.8	.3	.0						3.2	8.6
S	.5	.5	.7	.6	.2	.1						2.5	9.1
SSW	.3	.3	.4	.2	.1	.0	.0					1.3	7.8
SW	.4	.5	.5	.2								1.5	6.1
WSW	.4	1.0	.6	.1								2.1	5.5
W	1.1	2.2	.7	.2	.0							4.2	5.2
WNW	1.1	1.8	.9	.2	.0							4.2	5.5
NW	1.3	3.1	3.6	1.7	.2							9.9	7.4
NNW	1.4	2.8	4.1	2.9	.2	.0						11.6	8.3
VARBL													
CALM												8.9	
	20.0	34.5	22.4	11.6	2.2	.4	.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

10481

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
 STATION

VANDEBERG AFB CA
 STATION NAME

64-84
 YEARS

FEB
 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	1.6	2.9	2.5	1.3	.1	.0						8.4	7.0
NNE	1.1	1.5	.9	.7	.1							4.3	6.7
NE	.7	.8	.2	.1	.0							1.9	4.5
ENE	.8	.7	.0	.0	.0	.0						1.6	3.9
E	2.5	3.9	.6	.1								7.1	4.2
ESE	2.7	6.5	2.4	.3	.1	.0						12.0	5.3
SE	1.7	2.0	1.8	1.9	.4	.1						8.4	7.9
SSE	.6	.7	.7	.9	.2	.1						3.1	6.7
S	.4	.6	.7	.5	.1	.1						2.3	8.4
SSW	.2	.3	.3	.2	.0							1.1	7.4
SW	.1	.6	.6	.2								1.5	7.1
WSW	.4	.9	.7	.2	.0							2.2	6.3
W	.9	2.6	1.4	.2	.0							5.0	5.6
WNW	.8	2.5	2.1	.5	.1							5.9	6.7
NW	1.1	3.1	4.6	3.1	.5	.0						12.5	8.7
NNW	1.0	2.9	4.3	4.6	.8	.1						13.7	9.6
VARBL													
CALM												8.9	
	16.6	32.9	23.9	14.9	2.4	.4						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

9405

1
 GLOBAL CLIMATOLOGY BRANCH
 JSAF/ETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

(20930) STATION WANDENBERG AFB TX

DATE 05-11-54

TIME 0000

MAP NORTH

ALL WEATHER
 (EXCEPT LIST)

ALL WEATHER
 (EXCEPT LIST)

DIR	1-3	4-6	7-10	11-14	15-17	18-20	21-23	24-26	27-30	MEAN WIND SPEED
N	1.5	2.0	2.6	1.2	0.2	0.1	0.1	0.1	0.1	6.9
NNE	1.0	1.7	0.7	0.3	0.1	0.1	0.1	0.1	0.1	5.7
NE	1.7	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	3.8
ENE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	3.1
E	2.1	1.9	2.2	0.1	0.1	0.1	0.1	0.1	0.1	3.6
ESE	1.3	3.2	1.1	0.3	0.1	0.1	0.1	0.1	0.1	5.2
SE	1.2	1.4	0.9	1.3	0.1	0.1	0.1	0.1	0.1	7.5
ESE	0.4	0.4	0.4	0.3	0.1	0.1	0.1	0.1	0.1	9.5
S	0.5	0.6	0.6	0.6	0.1	0.1	0.1	0.1	0.1	8.1
SSW	0.2	0.4	0.4	0.4	0.1	0.1	0.1	0.1	0.1	8.0
SW	0.4	0.3	0.3	0.3	0.1	0.1	0.1	0.1	0.1	6.7
WSW	1.3	0.3	1.0	0.2	0.1	0.1	0.1	0.1	0.1	6.6
W	1.3	2.4	2.1	0.3	0.1	0.1	0.1	0.1	0.1	6.0
WNW	0.9	2.4	2.0	1.3	0.1	0.1	0.1	0.1	0.1	7.3
NW	1.1	3.4	5.4	0.3	1.4	0.3	0.1	0.1	0.1	10.1
NNW	1.0	3.1	0.5	1.6	0.1	0.1	0.1	0.1	0.1	10.5
VARBL										
CAUM										
TOTAL	15.1	25.4	25.7	13.1	3.9	0.1	0.1	0.1	0.1	7.2

TOTAL NUMBER OF OBSERVATIONS

19529



GLOBAL CLIMATOLOGY BRANCH
 JSAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
 STATION

WANDENBERG AFB CA
 STATION NAME

64-64
 YEARS

APR
 MONTH

ALL WEATHER
 CLASS

ALL
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.5	2.1	1.3	.1	.0						7.7	6.9
NNE	.9	.9	.3	.1								2.2	4.6
NE	.7	.3	.1	.0								1.1	3.6
ENE	.5	.3	.1									.8	3.3
E	1.2	1.1	.2	.0								2.6	3.7
ESE	1.7	2.0	.7	.3	.0	.0						4.7	5.1
SE	1.0	1.1	.6	.2	.0	.0						3.0	5.4
SSE	.4	.3	.2	.1	.0							1.1	5.7
S	.4	.3	.4	.2	.0							1.3	6.1
SSW	.2	.2	.3	.1								.8	6.1
SW	.3	.4	.5	.1	.0							1.3	6.7
WSW	.5	.8	.9	.1	.0							2.3	6.2
W	1.0	2.4	2.1	.2								5.7	6.1
WNW	.9	2.8	3.4	1.4	.1							8.7	7.5
NW	1.6	4.2	3.7	7.7	1.6	.3	.0					24.1	10.0
NNW	1.7	3.9	7.1	7.3	2.0	.6	.0					22.5	10.3
VARBL													
CALM												9.9	
	14.8	23.8	27.4	19.2	4.0	.9	.0					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

10098

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
STATION

WANDENBERG AFB CA
STATION NAME

64-84
YEARS

MAY
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	2.3	2.2	1.2	.5	.1							6.2	5.4
NNE	1.1	.2	.1	.0								1.6	2.9
NE	.5	.2	.1	.0								.7	3.4
ENE	.3	.1										.4	2.3
E	.9	.5	.0									1.4	3.1
ESE	.9	.7	.2									1.7	3.7
SE	.8	.3	.1	.0								1.1	3.2
SSE	.3	.1	.1	.1	.0							.6	4.8
S	.8	.1	.1	.0								.7	3.7
SSW	.3	.1	.0									.4	3.0
SW	.5	.4	.2	.1								1.3	4.7
WSW	.6	.9	.6	.1								2.3	5.4
W	1.6	3.6	2.4	.2								7.9	5.6
WNW	1.8	4.5	4.8	1.7	.2	.1						13.1	7.2
NW	2.5	6.9	10.3	7.2	1.3	.2						28.4	8.9
NNW	2.4	5.2	7.8	6.0	1.2	.1						22.6	8.9
VARBL													
CALM												10.0	
	17.1	25.9	27.9	16.0	2.7	.4						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

10389

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72000
 STATION

VANDENBERG AFB CA
 STATION NAME

64-84
 YEARS

JUN
 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	2.0	2.2	.9	.4	.0	.0						5.6	5.2
NNE	.9	.4	.0	.0								1.4	3.0
NE	.4	.1	.0									.5	2.3
ENE	.3	.0										.3	2.2
E	.7	.3	.0									1.0	3.0
ESE	.7	.5	.1									1.2	3.3
SE	.5	.2	.0	.0								.4	3.1
SSE	.3	.1	.0									.4	2.9
S	.4	.1	.1	.0								.5	3.1
SSW	.4	.1	.1	.0								.6	3.5
SW	.5	.3	.1	.1								.9	3.4
WSW	.6	.7	.6	.1								2.1	3.6
W	1.7	3.0	3.1	.2	.0							6.9	5.9
WNW	1.9	3.9	5.3	1.5	.1							12.7	7.1
NW	2.8	6.9	11.8	7.5	1.3	.1						30.9	6.8
NNW	3.3	6.7	7.7	4.1	.9	.1						22.8	7.8
VARBL													
CALM												10.1	
	17.2	26.4	29.8	14.0	2.4	.1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

9990

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723980
 STATION

WANDENBERG AFB CA
 STATION NAME

64-84
 YEARS

JUL
 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	2.5	2.5	.8	.1	.0	.0						5.9	5.3
NNE	1.1	.3	.0									1.5	2.7
NE	.5	.1										.6	2.6
ENE	.2											.2	2.9
E	.6	.0										.6	2.1
ESE	.5	.2	.0									.8	2.7
SE	.5	.2										.7	2.8
SSE	.2	.1										.3	1.0
S	.2	.1										.3	2.6
SSW	.3	.1										.5	2.6
SW	.4	.2	.0									.6	2.9
WSW	.6	.8	.5	.0								1.9	6.9
W	1.9	3.8	3.8	.1								9.7	6.8
WNW	2.2	4.9	6.1	.6	.0							13.8	6.4
NW	3.8	8.7	12.3	3.6	.2							28.5	7.2
NNW	3.7	7.1	6.5	2.2	.3	.0						19.9	6.6
VARBL													
CALM												14.4	
	19.1	29.1	30.1	6.7	.5	.0						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

18133

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723980
 STATION

WONDERSBERG AFB CA
 STATION NAME

64-84
 YEARS

AUG
 MONTH

ALL WEATHER
 CLASS

ALL
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	2.0	.5	.2								6.0	4.0
NNE	1.1	.3										4.3	3.5
NE	.4	.0										.5	2.3
ENE	.3	.0										.3	2.2
E	.7	.2	.0									.8	2.7
ESE	.6	.2	.0									.8	2.9
SE	.6	.2	.1	.0								.8	3.3
SSE	.3	.1	.0	.0								.5	2.9
S	.3	.0	.0	.0								.4	2.8
SSW	.2	.1	.0									.3	2.9
SW	.3	.1	.0									.5	3.3
WSW	.8	.6	.4	.0								1.8	4.5
W	2.2	3.5	3.1	.1								8.9	5.9
WNW	2.2	5.0	5.6	.9	.0							13.8	6.4
NW	4.3	8.0	10.9	4.0	.3	.0						27.6	7.2
NNW	3.6	6.2	4.6	2.1	.3	.1						16.9	6.7
VARBL													
CALM												18.7	
	21.2	26.6	25.3	7.4	.7	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

10917

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723000
STATION

WANDENBERG AFB CA
STATION NAME

63-84
YEARS

SEP
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	3.1	1.6	.6	.2	.0							5.5	3.9
NNE	1.3	.8	.1	.0								1.6	3.3
NE	.7	.1	.1	.0								.9	2.9
ENE	.6	.1	.0									.7	2.4
E	2.1	.9	.1									3.1	3.9
ESE	2.1	1.3	.4	.0								4.6	3.7
SE	1.3	.6	.2	.0								2.1	3.6
SSE	.6	.2	.1	.1								.9	3.9
S	.3	.1	.0	.1								.6	3.3
SSW	.2	.1	.1	.0								.5	3.6
SW	.6	.3	.3	.1								1.2	3.6
WSW	.6	1.0	.8	.1								2.5	3.7
W	1.6	3.8	3.0	.1								6.6	3.7
WNW	1.7	4.2	3.9	.7	.0							19.4	3.3
NW	2.9	7.4	8.6	3.5	.3	.0						22.7	3.3
NNW	3.2	5.0	4.3	2.0	.4	.0						14.9	3.9
VARB													
CALM												19.5	
	22.7	27.4	22.6	7.0	.7	.0						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

10931

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723030
STATION

VANDENBERG AFB CA
STATION NAME

63-84
YEAR

001
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	2.1	2.1	1.3	.6	.1							6.1	6.7
NNE	1.1	.7	.5	.3	.0							2.6	6.2
NE	.6	.3	.1	.0	.0							1.8	6.0
ENE	.7	.3	.1									1.1	6.0
E	3.1	2.3	.2									6.7	6.5
ESE	3.3	4.2	1.5	.0								9.1	6.6
SE	1.9	1.9	.5	.1	.1							4.6	6.6
SSE	.6	.5	.2	.1	.0							1.3	6.7
S	.5	.4	.4	.2								1.4	6.8
SSW	.3	.2	.2	.1								.9	6.9
SW	.4	.5	.4	.1								1.4	6.7
WSW	.5	1.1	1.0	.2								2.7	6.3
W	1.2	3.6	2.3	.2								7.2	6.7
WNW	1.4	3.3	2.7	.6	.1	.0						8.1	6.3
NW	1.8	5.0	3.9	3.4	.6	.0						16.9	6.1
NNW	2.0	3.9	3.5	2.9	.5	.3						12.9	7.9
VARBL													
CALM												16.8	
	21.7	30.4	20.9	8.8	1.4	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

10793

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

720030
STATION

VANDENBERG AFB CA
STATION NAME

63-84
YEAR

NOV
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	1.0	2.3	2.1	.9	.1							7.2	6.9
NNE	1.1	1.3	.8	.4	.0							3.7	6.4
NE	.4	.6	.3	.1								1.9	6.4
ENE	.6	.5	.1									1.4	3.4
E	3.1	3.5	.4	.1	.0							7.1	3.9
ESE	3.3	6.7	2.4	.3	.1	.0						13.1	6.1
SE	2.1	2.8	1.5	1.2	.4	.2						8.2	6.1
SSE	.4	.5	.8	.6	.1	.0						2.9	6.3
S	.4	.4	.8	.4	.1							2.0	6.1
SSW	.4	.3	.3	.2	.0							1.2	6.3
SW	.3	.6	.5	.1								1.5	6.1
WSW	.4	.8	.8	.1								2.1	6.3
W	1.3	2.4	1.4	.1								5.2	5.2
WNW	1.3	2.3	1.6	.4	.0	.0	.0					5.7	6.1
NW	1.4	3.6	6.7	3.1	.3	.0	.0					13.2	6.2
NNW	1.4	3.0	4.3	2.9	.2	.0	.0					11.8	6.1
VARBL													
CALM												12.3	
	20.6	31.9	22.7	10.9	1.4	.3	.0					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

10289

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
 STATION

VANDENBERG AFB CA
 STATION NAME

63-84
 YEARS

DEC
 MONTH

ALL WEATHER
 CLASS

ALL
 HOURS (L.R.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	3.2	3.1	1.5	.1							9.7	7.0
NNE	1.4	2.0	1.4	.8	.1	.0						5.7	6.4
NE	1.2	1.1	.6	.2	.0	.0						3.8	5.3
ENE	1.2	.8	.1	.0								2.1	3.5
E	3.0	4.0	.8	.0								7.8	4.2
ESE	3.5	8.5	2.5	.4	.1	.0						15.0	3.8
SE	1.7	2.8	1.5	1.4	.6	.2	.0					8.2	1.9
SSE	.8	.6	.5	.4	.2	.0	.0					2.1	3.3
S	.6	.8	.5	.3	.0							1.6	1.0
SSW	.3	.2	.3	.3	.1	.0						1.2	0.1
SW	.3	.4	.4	.1	.0							1.3	6.4
WSW	.8	.9	.5	.1	.0							1.9	5.5
W	1.2	2.2	.7	.1	.0							4.2	4.9
WNW	1.0	1.6	.9	.3	.0							3.7	5.5
NW	1.3	2.8	3.5	2.2	.2	.0						10.0	7.9
NNW	1.8	2.9	4.2	3.2	.4	.0						12.1	8.6
VARBL													
CALM												10.3	
	20.6	34.3	21.3	11.2	1.8	.4	.0					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

10714

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
 STATION

VANDENBERG AFB CA
 STATION NAME

63-84
 YEARS

ALL
 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	2.1	2.4	1.7	.8	.1	.0						7.2	6.0
NNE	1.1	.9	.5	.3	.0	.0						2.8	5.3
NE	.7	.4	.2	.0	.0	.0						1.4	4.1
ENE	.6	.3	.0	.0	.0	.0						1.0	3.2
E	1.0	1.0	.3	.0	.0							4.1	3.8
ESE	2.1	3.6	1.2	.2	.1	.0						7.0	4.9
SE	1.3	1.5	.6	.6	.2	.1	.0					4.4	6.9
SSE	.0	.3	.3	.3	.1	.0	.0					1.5	4.5
S	.4	.3	.4	.2	.0	.0						1.3	7.1
SSW	.3	.2	.2	.1	.0	.0	.0					.8	6.3
SW	.4	.4	.3	.1	.0							1.2	5.8
WSW	.5	.9	.7	.1	.0							2.2	5.8
W	1.4	3.0	2.2	.2	.0							6.8	5.6
WNW	1.4	3.3	3.3	.8	.1	.0	.0					8.9	6.6
NW	2.2	5.3	7.6	4.4	.7	.1	.0					20.2	8.3
NNW	2.2	4.4	5.3	3.9	.7	.1	.0					16.7	8.4
VARBL													
CALM												12.5	
	19.0	29.0	25.0	12.2	2.0	.3	.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

123913

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
 STATION

VANDENBERG AFS CA
 STATION NAME

64-73
 YEAR

JAN
 MONTH

ALL WEATHER
 CLAR

0000-0200
 HOUR (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	1.8	2.6	2.3	.5								7.2	5.8
NNE	1.2	2.7	2.2	1.2								7.2	6.8
NE	1.4	1.7	.5	.1								3.8	4.4
ENE	1.8	.9	.1									2.8	3.3
E	4.3	9.3	1.9									15.5	6.5
ESE	6.2	16.3	3.9	.5								26.9	5.0
SE	2.9	4.1	2.3	1.1	1.1	.2						11.6	7.3
SSE	.4	1.0	.6	.4	.2							2.7	7.7
S	.4	.5	.1	.6	.8							2.0	12.6
SSW	.2	.2	.4									.9	5.9
SW	.3	.1	.2	.1								.2	6.0
WSW	.2	.2	.2									.8	6.7
W	.2	.4		.3								1.0	6.8
WNW	.2	.1	.2		.1							.6	7.5
NW	.3	.8	.6	.1								1.8	6.2
NNW	.6	1.0	2.6	.9	.1							5.2	7.6
VARBL													
CALM												9.8	
	22.1	41.6	18.0	5.9	2.3	.2						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION
723930

STATION NAME
VANDENBERG AFB CA

YEARS
64-73,78

MONTH
JAN

ALL WEATHER
 CLASS

0300-0600
 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	3.3	2.6	1.0								6.0	6.5
NNE	1.5	2.6	1.3	1.0								6.3	6.1
NE	1.2	1.3	.5	.5								3.5	5.6
ENE	1.9	1.8	.1									3.9	3.6
E	4.0	6.1	.5									10.6	3.9
ESE	5.0	18.9	5.7	.1								29.7	5.1
SE	3.0	6.3	2.5	1.5	1.2							14.5	6.9
SSE	.6	1.0	.8	.2	.3							2.8	7.1
S	.1	.4	.5	.3	.1	.5						2.0	13.2
SSW	.6				.1							.5	5.8
SW		.2	.2	.1								.5	7.6
WSW		.1										.1	4.0
W	.4	.2	.2	.1								1.0	5.3
WNW	.1	.4	.3									.9	6.3
NW	.3	.6	.4	.2								1.6	6.6
NNW	.9	1.2	1.6	1.1	.2							4.9	7.9
VARBL													
CALM												8.9	
	20.7	44.5	17.3	6.1	1.9	.5						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

932

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723030
STATION

VANDEMERS AFB CA
STATION NAME

64-84
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0600-0800
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	2.5	2.9	.8	.1							7.9	6.6
NNE	1.2	2.8	1.1	.6								5.7	5.9
NE	1.2	1.2	.7	.2								3.3	4.9
ENE	.8	1.2	.1									2.0	4.0
E	5.0	6.4	1.3									14.7	4.1
ESE	5.2	17.1	7.1	.2	.1							29.7	5.3
SE	3.1	5.2	2.8	1.7	.8	.2						13.8	7.4
SSE	.3	.6	.5	.4	.2	.1						2.1	8.6
S	.3	.5	.2			.1						1.0	6.2
SSW	.1	.2	.2	.1	.2	.1	.1					.9	12.4
SW	.2	.1	.2	.1								.5	5.4
WSW		.1	.2									.2	7.0
W	.2	.2	.2	.2								.7	6.8
WNNW	.3	.2	.1	.1	.1							.8	6.2
NW	.2	.7	.9	.3	.2							2.3	8.0
NNW	.8	2.4	1.7	.5	.1							5.5	6.4
VARBL													
CALM												8.9	
	20.6	43.2	20.0	5.1	1.6	.5	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

1288

GLOBAL CLIMATOLOGY BRANCH
 JSAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
 STATION

VANDENBERG AFB CA
 STATION NAME

54-44
 YEARS

JAN
 MONTH

ALL WEATHER
 CLASS

0900-1100
 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	2.3	2.6	4.4	2.2	.7	.1						11.0	7.6
NNE	.8	1.3	2.1	.8								5.1	7.3
NE	1.3	.9	.7	.1								.3	4.1
ENE	1.0	.8	.1									1.9	5.4
E	3.3	4.1	.8									3.2	4.0
ESE	4.9	9.5	3.8	.4	.2							18.7	5.2
SE	2.7	5.4	3.7	2.2	1.3	.1	.1					14.8	7.9
SSE	1.5	.8	.8	1.2	.4							4.6	7.6
S	.9	.5	.6	.6	.1							2.7	7.0
SSW	.5	.5	.7	.2								1.5	5.5
SW	.4	.4	.1	.1								.8	5.4
WSW	.6	.1	.4	.1								1.1	4.9
W	.9	.9	.3	.2	.1							2.3	5.3
WNW	.3	.5	.5	.1	.1							2.1	6.3
NW	.6	1.1	2.3	.8								4.2	7.4
NNW	1.6	2.1	3.7	1.5								2.3	7.7
VARBL													
CALM													
	24.0	31.4	23.0	10.3	7.4	.2	.1					11.3	5.3

TOTAL NUMBER OF OBSERVATIONS

1785

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
 STATION

VANDENBERG AFB CA

64-84
 YEARS

JAN
 MONTH

1 00-1400
 HOURS (L.S.T.)

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	.6	1.6	2.0	2.5	.3							6.9	9.0
NNE	.2	.4	.5	.4	.1							1.7	9.1
NE	.1	.2	.1									.4	5.0
ENE	.2	.2	.2									.6	4.8
E	.3	.1		.1								.4	4.9
ESE	.5	.8	.3	.7	.2	.1						2.5	9.1
SE	.5	.6	.8	2.2	1.1	.4	.1					5.6	12.9
SSE	.3	.4	1.2	.9	.4							3.2	10.0
S	.5	.6	.9	1.2	.2							3.6	9.3
SSW	.3	.9	.7	.4	.1							2.3	7.1
SW	1.2	.8	.9	.2								3.2	5.5
WSW	.9	3.9	1.3	.2								6.8	5.6
W	3.0	6.3	2.3	.5	.1							12.1	5.3
WNW	2.3	5.7	2.6	.5								11.2	5.5
NW	1.9	5.9	9.7	4.4	.4							21.2	8.1
NNW	1.2	2.1	5.3	5.6	.4	.1						14.7	9.7
VARBL													
CALM												3.6	
	14.0	30.4	28.3	19.8	3.3	.5	.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

1706

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION **723930** **VANDENBERG AFB CA** STATION NAME **64-54** YEARS **JAN** MONTH

1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.1	1.9	1.7	.1	.1						6.2	7.8
NNE	.5	.5	.4	.6								1.9	7.8
NE	.1	.2	.1	.1								.4	6.6
ENE	.1	.1										.1	6.0
E	.1	.1	.1									.2	6.3
ESE	.1	.2	.5	.6	.4	.2						2.1	10.7
SE	.1	.4	1.5	1.9	.6	.2						4.8	10.3
SSE	.1	.6	1.1	1.1	.1							2.9	10.2
S	.4	.6	1.2	.8	.2							3.2	9.1
SSW	.1	.4	.8	.4								1.8	8.2
SW	.4	.9	1.4	.5								3.2	7.3
WSW	.9	1.7	1.0	.1								3.7	5.1
W	1.9	5.3	1.1	.2								8.5	4.9
WNW	2.7	4.1	2.1	.6								9.5	5.3
NW	2.9	8.6	8.0	4.1	.7							24.3	7.5
NNW	2.4	5.1	7.6	6.8	.6	.1						22.5	8.8
VARBL													
CALM												4.7	
	14.1	29.9	28.6	19.4	2.8	.6						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

1695

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723030
STATION

VANDENBERG AFB CA
STATION NAME

64-75,79-84
YEARS

JAN
MONTH

1800-2000
HOURS (L.S.T.)

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	3.2	5.0	4.4	1.3								13.9	6.2
NNE	1.9	1.6	1.3	.6								5.7	5.6
NE	1.3	.7	.4	.2								2.6	4.7
ENE	1.3	.4	.3									1.9	3.2
E	2.8	2.2	.4									5.8	3.6
ESE	3.8	2.8	.5		.1							6.9	4.0
SE	2.0	2.1	1.8	2.2	.4	.4						8.8	4.3
SSE	.7	.7	.4	1.1	.3							3.2	4.1
S	.7	.2	.7	.2								1.8	6.1
SSW	.4	.2	.2	.2	.1							.8	4.0
SW	.4	.4	.3	.1								1.3	5.3
WSW	.1	.5	.4	.1								1.1	6.5
W	.7	.6	.1									1.4	3.7
WNW	1.1	.5	.2									1.8	3.6
NW	2.5	2.5	2.1	.6								7.7	5.7
NNW	2.2	5.8	5.7	2.8	.2							16.7	7.3
VARBL													
CALM												19.3	
	25.0	25.8	19.2	9.5	1.0	.4						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

1137

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12398 STATION

VANDEBORGERS AFB CA

64-75

YEARS

JAN

MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.5	3.1	3.6	1.1	.1							18.4	6.9
NNE	1.7	3.3	2.0	.6								7.7	5.8
NE	1.5	1.3	.6	.2								3.6	4.5
ENE	1.8	1.0	.2									3.6	3.3
E	5.1	5.3	.8									11.2	3.8
ESE	5.1	11.7	2.2	.5	.1							19.5	4.9
SE	2.9	5.6	1.0	1.8	.6	.3						12.3	7.0
SSE	1.1	.6	.8	.8	.3							3.6	6.1
S	.4	.5	.5	.7	.1	.3						2.9	2.6
SSW			.2	.5	.1							.7	13.0
SW	.3	.4	.1									.7	4.9
WSW	.1	.2	.1									.4	5.0
W	.2	.1	.1									.4	4.0
WNW	.3	.3										.6	3.8
NW	.7	1.3	1.0	.2								3.8	5.8
NNW	.9	2.0	3.5	1.2	.1							7.7	7.5
VARBL													
CALM												12.7	
	24.5	36.5	16.7	7.6	1.4	.6						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

1089

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
STATION

VANDENBERG AFB CA
STATION NAME

64-73
YEARS

FEB
MONTH

0000-0200
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	0.2	2.0	.1								9.7	5.2
NNE	1.8	3.1	1.5	.5								6.8	5.3
NE	.9	2.0	.5	.2								3.7	4.6
ENE	1.4	1.3	.2									3.2	3.9
E	0.6	6.9	.7									12.8	3.8
ESE	0.8	16.4	0.1	.2	.1							23.7	6.0
SE	3.3	3.4	2.4	1.8	.5							13.5	6.4
SSE	.5	.8	.4	.6	.1	.2						2.6	4.7
S	.9	.5	.4	.1	.2							2.1	4.1
SSW	.5		.5	.2								1.2	6.4
SW		.1		.1								.2	8.0
WSW		.2										.2	5.0
W		.5		.1								.6	5.8
WNW		.1	.5	.2								.8	9.4
NW	.5	.7	1.2	.6								2.9	7.6
NNW	.7	2.8	3.2	1.4								8.1	7.7
VARBL													
CALM												10.4	
	22.6	41.3	16.3	6.2	.9	.2						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723030
STATION

VANDENBERG AFB CA
STATION NAME

69-738184
YEARS

FEB
MONTH

0300-0500
HOURS (L.S.T.)

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	2.2	0.1	2.3	.9								9.6	5.7
NNE	1.3	1.6	.9	.4								6.3	5.1
NE	1.1	1.4	.1	.2								2.0	4.3
ENE	1.2	1.8		.1								3.6	3.9
E	1.3	1.5	1.3									16.8	4.2
ESE	0.2	13.8	4.6	.4								13.8	5.1
SE	2.3	3.9	1.6	1.9	.5	.1						13.8	7.2
SSE	.5	.7	.7	.7	.2							2.8	6.7
S	.1	.6	.1	.1								.7	6.8
SSW	.1	.1	.1	.2								.6	7.0
SW	.1			.2								.9	9.0
WSW	.2	.2	.2	.1								.8	6.7
W	.6	.7	.1									1.4	6.1
WNW	.4	.8	.1									1.3	9.5
NW	.6	1.4	.2	.6								2.8	6.0
NNW	.5	1.8	3.8	.9								6.9	7.7
VARBL													
CALM												13.1	
	28.6	44.3	16.3	6.8	.7	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

853

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72390
 STATION

VANDENBERG AFB CA
 STATION NAME

64-84
 YEARS

FEB
 MONTH

ALL WEATHER
 CLASS

0600-0000
 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	2.2	1.7	3.2	1.1	.1							10.3	6.9
NNE	.9	2.8	1.6	.9								6.3	6.9
NE	2.4	1.4	.4									4.1	3.5
ENE	1.1	1.6	.1									2.8	3.9
E	3.9	9.1	1.3									14.2	6.6
ESE	5.1	16.1	6.3	.3	.3							29.3	5.6
SE	6.0	8.7	1.8	1.3	.2							13.9	5.6
SSE	.7	.8	.3	.1	.2							2.9	6.2
S	.3	.3	.3	.3	.3							1.9	6.2
SSW	.2											.2	6.8
SW	.1	.2	.3	.1								.6	6.9
WSW	.1	.1	.2	.2								.5	6.7
W	.3	.3	.2									.8	6.6
WNW	.3	.4	.1									.8	6.2
NW	.3	1.1	.6	.6								2.5	7.1
NNW	.7	1.4	1.9	.8	.1							4.8	7.2
VARBL													
CALM												10.3	
	22.4	41.8	18.7	5.9	.8							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

1101

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930 STATION NAME **VANDENBERG AFB CA**

64-84

FEB

MONTH

ALL WEATHER

0900-2100

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	1.9	3.9	9.1	3.0	.2							12.7	3.1
NNE	1.1	.7	1.5	1.4	.3							5.0	6.5
NE	.5	.6	.3	.1	.1							1.8	5.9
ENE	.7	.7										1.6	3.0
E	2.6	2.7	.8	.1								6.9	4.2
ESE	2.7	6.5	2.2	.7	.3							12.3	9.6
SE	1.7	3.6	3.0	1.9	.3	.1						16.9	7.6
SSE	1.2	1.8	1.1	.8	.3							4.3	4.2
S	1.0	.8	1.2	.5	.1	.1						3.6	7.1
SSW	.6	.6	.1	.2								1.5	5.3
SW	.4	1.0	.3	.1								1.7	8.2
WSW	.6	1.1	.6	.1	.1							2.4	6.5
W	1.0	2.1	.8	.3								4.2	8.2
WNW	1.1	1.5	1.4	.2	.1							6.2	6.8
NW	1.0	2.2	2.3	1.4	.3							7.1	3.6
NNW	.8	2.2	3.9	4.2	.1	.1						11.3	9.5
VARBL													
CALM												10.4	
	19.0	30.2	23.3	14.7	1.9	.4						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

1555

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/WAC

SURFACE WINDS

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

723930
STATION

VANDENBERG AFB CA
STATION NAME

69-84
YEARS

FEB
MONTH

1200-1400
HOURS (L.S.T.)

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	.3	1.0	1.2	.4	.1						4.1	10.0
NNE	.2	.1	.2	.8	.1							1.0	11.1
NE	.1	.1	.1	.1								.4	8.7
ENE	.1	.2		.1		.1						.5	6.1
E	.1	.2	.1	.1								.5	7.3
ESE	.1	.2	.6	.1	.3	.1						1.0	11.1
SE	.1	.3	1.1	2.5	.6	.1						4.8	16.5
SSE	.3	.3	.9	1.6	.3	.1						3.3	16.3
S	.5	.5	.7	1.2	.1	.1						2.7	11.6
SSW	.1	.6	.3	.6								1.6	6.3
SW		1.3	1.6	.7								3.6	6.2
WSW	.5	2.7	2.2	.6								6.0	6.8
W	1.6	7.2	8.8	.6	.1							14.3	6.1
WNW	.6	6.7	8.9	1.6	.3							14.8	7.2
NW	1.0	5.2	9.4	7.2	1.4	.1						24.4	9.6
NNW	.4	1.9	3.9	7.1	1.5	.3						15.1	11.5
VARBL													
CALM												2.1	
	5.6	27.9	32.4	26.1	5.0	.8						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

1597

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930 STATION NAME **VANDEMBERG AFB CA**

64-84

FEB MONTH

1500-1700 HOURS (L.S.T.)

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	.8	.5	1.4	.1	.1						3.2	10.1
NNE	.4	.1	.3	.4	.1							1.3	6.6
NE	.1	.2	.1	.1								.6	6.1
ENE	.1				.1							.2	6.0
E		.3	.1	.2								.6	6.2
ESE	.1	.4	.8	.8								1.8	6.3
SE	.2	.3	1.0	1.9	.6	.1						6.2	11.2
SSE	.1	.1	.8	1.8	.1	.1						3.0	11.0
S	.1	.6	1.0	.8								2.8	7.1
SSW	.1	.5	.9	.3	.1							1.8	6.7
SW	.1	.8	1.2	.1								2.1	7.6
WSW	.6	1.4	1.3	.1								3.5	6.2
W	1.3	6.3	2.5	.1								8.2	6.7
WNW	1.4	5.1	5.3	1.2	.1							13.1	6.9
NW	1.7	6.6	11.2	7.5	1.6							26.6	9.2
NNW	1.6	3.9	6.0	10.4	2.3	.3						24.3	10.8
VARBL													
CALM												1.0	
	8.1	25.4	33.2	26.9	4.9	.6						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

1591

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723938
STATION

VANDENBERG AFB CA
STATION NAME

66-75,80-84
YEARS

FEB
MONTH

1000-2000
HOURS (L.S.T.)

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	2.5	4.7	2.0	.8								10.0	5.6
NNE	2.0	.8	.6	.5	.1							6.0	6.6
NE	.6	.7	.2									1.5	4.2
ENE	.6	.2										.8	2.8
E	2.0	1.2	.2									3.4	3.5
ESE	2.6	1.5	.2	.1								6.0	3.5
SE	1.1	2.0	1.7	2.2	.2							7.2	8.2
SSE	.8	1.3	.8	.8	.1							3.9	7.5
S	.8	.7	.3		.2							2.1	5.9
SSW	.1	.3		.1								.5	5.8
SW	.3	.3	.1	.1								.8	9.9
WSW	.8	.1										.5	3.2
W	1.3	1.1	.1	.1								2.7	3.9
WNW	1.5	1.2	.5									3.3	4.0
NW	3.1	3.5	4.6	2.2								13.0	6.7
NNW	2.4	3.7	8.4	4.9	.8	.1						22.3	8.4
VARBL													
CALM												19.2	
	22.1	25.5	19.8	11.8	1.4	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

973

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723030
 STATION

VANDENBERG AFB CA
 STATION NAME

69-74.77
 YEARS

FEB
 MONTH

2100-2300
 HOURS (L.S.T.)

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	1.9	5.2	3.6	.6								11.1	6.0
NNE	1.9	2.8	1.3	.8								6.7	9.5
NE	1.0	1.3	.3									2.6	9.5
ENE	1.8	.7										2.4	2.8
E	6.9	6.8	.6									12.3	3.7
ESE	5.2	8.3	1.7	.1								15.3	9.3
SE	2.2	3.2	2.3	1.8	.3							9.8	1.0
SSE	.9	1.0	.6	.1	.1							2.6	1.7
S	.4	.7	1.0	.4		.2						2.8	8.3
SSW		.1	.2		.1							.8	10.3
SW	.2		.1									.3	3.7
WSW	.1		.1									.2	4.6
W	.3	.4	.3									1.1	5.3
WNW	.2	.2	.8	.1								1.3	7.4
NW	.6	1.3	2.0	.6								4.4	3.2
NNW	1.1	6.6	3.1	2.2	.2							11.3	7.6
VARBL													
CALM												15.1	
	22.6	36.6	18.0	6.6	.8	.2						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS

906

GLOBAL CLIMATOLOGY BRANCH
 JSAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723030
 STATION

VANDENBERG AFB CA
 STATION NAME

64-74.78
 YEARS

MAR
 MONTH

0000-0200
 HOURS (L.S.T.)

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	0.1	5.1	4.0	.7								13.9	5.5
NNE	2.0	2.5	.7	.1								5.3	4.5
NE	2.1	1.2	.1									3.4	3.2
ENE	2.1	1.5	.2									3.8	3.0
E	4.4	4.4	.1									6.9	3.0
ESE	3.3	5.3	1.9	.3								10.9	4.8
SE	2.1	1.9	.2	.8								4.8	4.6
SSE	1.0	.5		.1								1.6	3.9
S	.7	.4	.4	.3	.2							2.1	7.1
SSW	.3	.1	.3	.2								1.0	6.7
SW	.3		.1	.1								.5	5.0
WSW	.3	.7	.1									1.2	4.9
W	.9	1.0	.3									2.1	4.6
WNW	1.0		.3									1.3	3.3
NW	1.2	2.0	2.0	.6	.3							6.2	7.2
NNW	1.9	4.8	6.3	3.1	.3							16.5	7.8
VARBL													
CALM												16.5	
	27.8	31.5	17.2	6.2	.9							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

936

GLOBAL CLIMATOLOGY BRANCH
 JSAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
 STATION

VANDENBERG AFB CA
 STATION NAME

64-73,78,82,84
 YEARS

MAR
 MONTH

0300-0500
 HOURS (L.S.T.)

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.4	4.8	5.0	.2								12.4	5.9
NNE	2.1	3.8	1.0	.3								7.2	4.9
NE	2.4	1.7	.3	.2								4.7	3.8
ENE	1.3	.5										1.8	2.8
E	4.8	5.1	.2									10.1	3.5
ESE	4.3	8.7	1.9	.2	.2							15.3	4.9
SE	2.9	2.2	.3	.1								5.5	3.7
SSE	.6	.7	.3	.5	.1							2.3	7.0
S	1.1	.2	.5									1.8	4.1
SSW	.2		.3	.2								.7	7.0
SW	.3	.3										.6	3.8
WSW	.1	.2										.3	3.7
W	.4	.4	.3									1.2	4.5
WNW	1.2	.9	.2	.2								2.4	4.7
NW	.7	1.5	2.3	.6	.1							5.3	7.1
NNW	1.3	2.8	4.6	1.9	.7							11.3	8.3
VARBL													
CALM												16.8	
	26.2	33.9	17.3	4.6	1.2							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

940

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
 STATION

VANDEMBERG AFB CA
 STATION NAME

64-84
 YEARS

MAR
 MONTH

0600-0800
 HOURS (L.S.T.)

ALL WEATHER
 CLEAR

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	2.7	5.8	4.1	1.8								14.4	6.4
NNE	2.0	2.7	1.5	.2	.1							6.6	5.3
NE	1.9	1.2	.3	.1								3.5	4.0
ENE	1.4	.5										1.9	2.9
E	4.4	4.2	.8									9.4	3.7
ESE	4.4	8.2	3.3	.4								16.4	5.1
SE	2.6	3.8	1.7	.7	.1	.1						8.9	5.6
SSE	.5	.8	.3	.4	.3	.1						2.4	7.8
S	.9	.3	.4	.2								1.9	5.9
SSW	.1	.3	.1									.5	4.0
SW	.5	.1										.7	3.0
WSW	.1											.1	2.0
W	.7	.3	.3	.1								1.5	5.5
WNW	.3	.6	.3	.1								1.3	5.6
NW	.5	1.4	1.3	.7	.1	.1						4.2	7.8
NNW	1.5	2.9	4.3	1.9	.1	.1						10.8	7.8
VARBL													
CALM												15.7	
	24.6	33.3	18.8	6.8	.7	.3						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

1347

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
 STATION

VANDENBERG AFB CA
 STATION NAME

64-84
 YEARS

MAR
 MONTH

0900-1100
 HOURS (L.S.T.)

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.5	3.7	2.7	.3	.1						10.6	8.1
NNE	.3	.9	1.5	1.1	.1							3.8	9.1
NE	.5	.7	.3									1.5	4.7
ENE	.4	.2	.2									.8	9.4
E	1.2	.9	.2									2.3	3.6
ESE	1.7	2.0	1.4	.5	.1							5.6	5.9
SE	1.3	1.7	1.4	1.5	.1	.2						6.3	8.2
SSE	.6	.5	.6	1.0	.3							2.9	9.6
S	1.1	1.0	.3	.9	.1							3.3	6.8
SSW	.6	.3	.6	.1								1.6	5.9
SW	.7	1.1	.3	.2								2.4	5.0
WSW	.7	1.5	1.0	.1								3.4	5.7
W	1.7	3.0	1.4	.2								6.3	5.2
WNW	1.3	3.1	2.2	.5								7.1	6.1
NW	1.2	3.9	5.5	6.0	.4							17.0	9.1
NNW	1.4	2.6	5.9	6.3	.9	.2	.1					17.4	18.1
VARBL													
CALM												7.7	
	16.0	25.8	26.6	21.1	2.2	.5	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

1749

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
STATION

VANDENBERG AFB CA
STATION NAME

69-84
YEARS

MAR
MONTH

1200-1400
HOURS (L.S.T.)

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	.2	.7	.6	.4							2.2	10.7
NNE	.1	.1		.2								.8	9.4
NE	.1											.1	2.0
ENE													
E		.1										.1	4.5
ESE	.1	.1	.1	.1	.1							.8	9.4
SE	.1	.2	1.4	1.8	.5	.2						4.1	12.3
SSE	.1	.2	.3	1.3	.4							2.3	10.9
S	.1	.2	.9	.9	.1							2.4	10.7
SSW	.1	.2	.4	.6	.1							1.4	11.1
SW	.3	.7	1.1	.9	.1							3.1	8.8
WSW	.2	1.6	3.3	.6								5.6	7.9
W	1.0	4.8	6.3	.7	.1							12.8	6.8
WNW	1.0	4.2	7.6	3.0								15.8	8.0
NW	.4	2.2	10.9	15.7	3.0	.6						32.7	11.8
NINW	.3	1.0	3.0	8.1	2.6	.8	.1					15.9	13.4
VARBL													
CALM												.8	
	3.9	15.9	36.1	34.3	7.3	1.6	.1					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS

1738

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
 STATION

VANDENBERG AFB CA
 STATION NAME

64-84
 YEARS

MAR
 MONTH

ALL WEATHER
 CLASS

1500-1700
 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	.9	.5	.3	.6	.2							2.0	9.0
NNE	.2	.1	.1	.1	.1							.5	6.8
NE													
ENE													
E	.1	.1		.1								.1	6.0
ESE	.1	.2	.1	.2	.1							.6	10.1
SE	.1	.2	.6	1.7	.2	.1						2.0	10.2
SSE	.2		.5	1.1	.3	.1						2.1	10.4
S	.1	.2	.8	1.4	.2							2.6	10.9
SSW	.1	.3	.4	.3								1.2	10.5
SW	.2	.6	1.2	.3	.1							2.3	10.9
WSW	.1	1.6	1.3	.3								3.2	10.2
W	.8	4.2	3.4	.4	.1							8.8	6.5
WNW	.8	4.3	6.1	2.1	.3							13.8	6.1
NW	.6	4.5	11.6	12.5	4.2	.4						33.9	10.3
NNW	.6	1.8	4.2	12.3	4.6	1.3						25.0	13.5
VARBL													
CALM												1.0	
	4.3	18.6	30.5	33.4	10.3	1.8						100.0	10.6

TOTAL NUMBER OF OBSERVATIONS

1731

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930 STATION VANDENBERG AFB CA STATION NAME 69-76, 18, 80-84 YEARS MAR MONTH

1800-2000 HOURS (L.S.T.)

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	3.1	2.6	2.8	1.5								9.8	6.2
NNE	1.2	.8	.4									2.8	3.9
NE	.6		.1									.6	3.0
ENE	.6											.6	2.0
E	1.0	.2	.2	.1								1.5	1.9
ESE	.6	1.1	.3	.3								2.2	6.6
SE	.3	.6	.7	.1								1.7	6.5
SSE	.1	.2	.7	.7								1.8	10.1
S	.3	.5	.7	.3								1.8	9.7
SSW	.1	.8	.6	.7								2.2	6.4
SW	.2	.4	.6	.7								1.2	6.2
WSW		.6	.2									.7	5.3
W	1.8	1.3	.5									3.5	6.0
WNW	.7	2.5	1.3	.2								6.7	9.8
NW	3.2	7.5	7.5	3.3	.8							22.4	7.8
NNW	1.7	6.8	11.2	10.0	1.1	.5						31.3	9.5
VARBL													
CALM												11.4	
	15.3	25.8	27.8	17.3	1.9	.5						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

1078

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
 STATION

WANDENBERG AFB CA
 STATION NAME

64-74, 70, 62, 64
 YEARS

MAR
 MONTH

2100-2300
 HOURS (L.S.T.)

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	2.6	0.0	0.2	1.2	.2							12.9	6.2
NNE	2.1	1.5	1.1	.1								4.8	6.6
NE	1.9	.2	.1	.1								2.3	1.4
ENE	1.6	.3										1.9	1.3
E	0.2	3.0	.3									1.9	1.6
ESE	2.6	4.0	.6									7.6	6.1
SE	1.7	1.3	.3	.1		.1						3.5	6.5
SSE	.9	.4										1.9	6.5
S	.1	.6	1.1	.3								1.9	6.5
SSW	.1	.5	.2	.6								2.1	1.6
SW	.3	.6										1.0	6.7
WSW	.3	.2										.9	6.3
W	.6	.8	.2									.3	1.0
WNW	.7	.7	.5	.1								1.6	6.6
NW	2.0	0.1	4.5	1.2	.4							2.0	1.3
NNW	2.3	5.0	7.5	4.1	.6	.1						12.2	7.1
VARBL												19.5	6.1
CALM												17.1	
	23.9	26.7	20.5	8.9	1.2	.2						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

1009

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930

STATION NAME
VANDEMBERG AFB CA

YEARS
64-73, 82-83

MONTH
APR

ALL WEATHER
CLASS

0800-0200
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	3.3	4.8	2.9	.7								11.6	5.1
NNE	1.8	1.0	.7									3.8	0.0
NE	1.9	.4	.1									2.4	2.8
ENE	.7	.4	.3									1.4	0.2
E	3.3	2.4	.2									6.8	3.1
ESE	6.3	4.8	1.0	.1								10.2	4.1
SE	2.0	1.3	.4	.1	.1							4.0	0.9
SSE	.8	.6										1.3	2.7
S	.4	.4	.1									1.0	0.3
SSW	.6	.3	.1									1.0	0.1
SW	.4	.4	.1									.6	0.4
WSW	.6	.2	.2									1.0	0.0
W	.8	.4										1.2	3.2
WNW	1.1	.4	.9	.1								2.5	5.1
NW	1.5	2.7	2.5	1.4								8.2	6.7
NNW	3.9	5.6	8.6	5.1	.1							23.3	7.6
VARBL													
CALM												20.8	
	26.9	26.3	18.3	7.5	.2							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

904

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723920 STATION

VANZEMBERS AFB CA STATION NAME

64-73, 82-83 YEARS

APR MONTH

ALL WEATHER CLASS

0100-0500 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	0.3	5.5	3.5	.9	.1							19.9	1.6
NNE	1.6	3.1	.3	.1								5.1	0.2
NE	1.4	.8										2.2	0.1
ENE	.9	.6										1.4	0.8
E	3.7	3.2	.2									7.1	3.9
ESE	5.5	6.3	1.4	.1								13.4	4.2
SE	2.7	2.5	.4	.1								5.4	4.0
SSE	.9	.6	.1									1.6	1.4
S	1.0	.2	.1									1.3	3.1
SSW												.1	3.0
SW	.2	.3										.6	0.6
WSW	.3	.3										.7	3.3
W	.3	.3	.2									.9	0.1
WNW	.9	.9	.4									2.2	4.2
NW	1.9	2.7	2.2	.7								7.6	5.9
NNW	3.1	4.9	5.4	3.2	.2							16.9	7.3
VARBL													
CALM												19.0	
	28.7	32.3	14.6	5.1	.3							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

902

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION NUMBER: **723930** STATION NAME: **VANDENBERG AFB CA** YEARS: **64-84** MONTH: **APR**
 CLASS: **ALL WEATHER** HOURS (L.S.T.): **0600-2000**

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.0	5.0	3.9	2.3	.2							15.5	0.0
NNE	1.9	2.2	.6	.2								0.9	0.0
NE	1.0	.9	.2									2.0	0.0
ENE	1.3	.0	.2									2.3	0.0
E	2.0	2.7	.6									5.0	0.0
ESE	3.7	4.3	2.1	.2								10.0	0.0
SE	3.0	2.7	1.4	.2	.1							7.6	0.0
SSE	1.1	.5	.2	.2								1.0	0.0
S	.6	.4	.2	.1								1.0	0.0
SSW	.5	.1										.5	0.0
SW	.3	.2										.5	0.0
WSW	.5	.2										.5	0.0
W	1.3	.4	.1									.7	0.0
WNW	.5	.8	.6	.2								1.0	0.0
NW	1.7	2.4	2.5	1.4								2.0	0.0
NNW	1.4	3.1	7.7	4.2	.2							16.7	0.0
VARBL													
CALM												10.3	
	24.9	27.2	20.2	8.9	.5							100.0	0.0

TOTAL NUMBER OF OBSERVATIONS

1319

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/WAC

SURFACE WINDS

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

723930
STATION

WANDENBERG AFB CA
STATION NAME

69-84
YEARS

APR
MONTH

35404

ALL WEATHER
CLASS

0900-1100
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	1.0	1.1	1.9	2.2	.2	.1						6.5	6.1
NNE	.4	.7	.5	.3								1.6	7.2
NE	.4	.2	.3	.1								1.8	7.5
ENE	.3	.2	.1									.8	7.5
E	.2	.5	.1									.7	6.0
ESE	.2	.8	.5	.7	.1							2.6	6.6
SE	.4	1.2	.8	.6	.1	.1						3.8	7.7
SSE	.2	.4	.3	.1								1.0	6.9
S	.7	.6	.3	.3								1.9	6.7
SSW	.2	.4	.1									.7	6.3
SW	.6	.9	.7	.2								2.4	6.8
WSW	.7	2.1	.8	.1								3.7	6.4
W	1.8	5.0	2.4	.1								9.4	5.5
WNW	1.7	4.0	3.4	.9	.1							10.1	6.9
NW	1.6	4.6	12.0	8.7	1.6							28.4	6.7
NNW	.8	3.1	7.1	7.6	1.4	.1						20.1	10.5
VARBL													
CALM												6.4	
	11.1	25.7	31.9	21.7	3.3	.3						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

1679

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72390
STATION

VANDENBERG AFB CA
STATION NAME

64-84
YEARS

APR
MONTH

ALL WEATHER
CLAS

1200-1400
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	.3	.4	.5	.1	.1						1.4	10.0
NNE	.1	.1		.1								.2	0.7
NE		.1										.1	0.0
ENE		.1										.1	0.0
E	.1			.1								.2	0.3
ESE	.1		.1	.0	.1	.1						.7	1.0
SE	.1	.3	.5	.2	.1							1.1	0.0
SSE		.2	.3	.2								.8	0.7
S	.1	.1	.0	.2	.1							.3	0.1
SSW	.1	.1	.4	.1								.8	0.7
SW	.2	.3	.7	.4	.1							1.6	0.5
WSW	.2	.8	3.2	.5								4.7	1.0
W	.2	4.1	6.5	.7								11.6	1.0
WNW	.0	4.8	8.8	4.6	.5							10.1	0.9
NW	.0	4.6	13.0	17.1	4.1	.8						19.9	10.0
NNW		.8	3.3	7.0	3.5	1.3						16.0	1.2
VARBL													
CALM												.5	
	2.1	16.7	37.9	32.0	8.5	2.2						100.0	10.6

TOTAL NUMBER OF OBSERVATIONS

1666

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 723010 WANDENBERG AFB CA STATION NAME WANDENBERG AFB CA YEARS 64-84 MONTH APR

1500 HOURS (L.S.T.)

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	.0	.0	.0	.1	.1						1.0	11.0
NNE	.1			.1								.2	6.3
NE	.1											.1	3.0
ENE		.1										.1	4.0
E	.1		.1									.1	6.0
ESE	.1		.1	.1	.1							.0	6.7
SE		.2	.3	.1								.0	6.1
SSE			.2	.1								.0	6.1
S		.2	.5	.4								.3	11.0
SSW		.1	.7	.2								1.2	9.1
SW	.3	1.2	1.2	.4								1.0	8.7
WSW	.2	1.1	1.3	.1	.1							2.9	7.2
W	.6	0.2	3.2	.4								8.4	6.4
WNW	.5	0.7	5.9	2.7	.2							14.0	8.1
NW	.4	5.4	10.5	15.0	3.7	1.0	.2					40.2	11.3
NNW	.3	2.1	5.7	10.9	5.5	1.6	.1					26.1	13.5
VARBL													
CALM												.5	
	2.5	18.8	34.4	31.4	9.6	2.6	.2					100.0	10.7

TOTAL NUMBER OF OBSERVATIONS

1639

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
 STATION

VANDENBERG AFB CA
 STATION NAME

60-75,78-84
 YEARS

APR
 MONTH

1800-2000
 HOURS (L.S.T.)

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	2.0	2.0	2.1	1.5								7.5	0.9
NNE	.4	.3										.7	2.8
NE	.2											.2	1.0
ENE	.1											.1	1.0
E	.3	.3	.2									.6	0.8
ESE	.5	.6	.1									1.0	1.8
SE	.3	.8	.3									1.0	0.8
SSE	.3	.2	.2	.2	.2							1.1	0.8
S	.4	.2	.4	.1								1.1	1.0
SSW	.3	.4	.3	.3								1.1	1.0
SW	.2	.6	.3									1.0	1.0
WSW	.8	.7	.2									1.0	0.9
W	1.8	.9	.8	.1								3.6	0.8
WNW	1.8	2.9	1.4	.3								6.3	0.8
NW	3.7	6.8	10.0	5.6	.5							26.5	1.9
NNW	4.1	8.0	10.4	13.0	1.4	.4						37.3	0.3
VARBL													
CALM												8.0	
	17.0	24.6	26.6	21.0	2.0	.4						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

1025

GLOBAL CLIMATOLOGY BRANCH
 JSAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930 STATION

VANDENBERG AFB CA

STATION NAME

64-74, 78-79, 83-84 YEARS

APR MONTH

2100-2300 HOURS (L.S.T.)

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	2.6	3.0	3.6	1.1	.1							10.4	6.4
NNE	2.5	.7	.5									3.7	3.4
NE	1.1	.4	.2									1.8	3.3
ENE	1.2	.5										1.8	2.8
E	2.2	1.9	.1									4.1	3.5
ESE	1.8	2.9	.5	.2								5.4	4.5
SE	1.0	1.0		.1								2.2	3.7
SSE	.9	.4	.1		.3							1.8	5.9
S	.5	.4	.2									1.1	4.1
SSW	.5	.1	.1									.7	3.6
SW	.5	.3										.8	3.6
WSW	.4	.1	.1									.6	3.2
W	.8	.4	.1	.2								1.5	4.5
WNNW	1.0	.9	.7	.1								2.8	5.4
NW	3.1	3.7	4.3	1.0	.2							12.4	6.6
NNW	3.4	8.2	11.2	5.4	.5	.2						28.9	8.0
VARBL													
CALM												20.0	
	23.6	25.0	21.9	8.2	1.1	.2						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

969

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
STATION

VANDENBERG AFB CA
STATION NAME

64-74, 82, 84
YEARS

MAY
MONTH

0000-0200
HOURS (L.S.T.)

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	4.5	4.8	1.9	.7								11.9	4.9
NNE	2.3	.3	.3									3.0	3.0
NE	1.1	.6										1.7	2.6
ENE	1.4	.1										1.5	2.3
E	2.2	1.1										3.3	3.0
ESE	2.3	2.0	.3									4.7	3.8
SE	1.2	.4										1.6	3.0
SSE	.8	.1										1.0	2.4
S	.6	.3										1.0	3.0
SSW	.4											.4	2.0
SW	.6	.1	.1									.8	3.1
WSW	.8	.2										1.1	2.9
W	1.3	.2										1.5	2.5
WNW	2.3	1.8	.7	.1								5.0	4.3
NW	3.0	6.8	3.7	1.2								14.6	5.8
NNW	4.9	7.4	10.1	2.4								24.8	6.6
VARBL													
CALM												22.3	
	29.8	26.2	17.2	4.4								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

946

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
STATION

VANDENBERG AFB CA
STATION NAME

69-74, 79, 84
YEARS

MAY
MONTH

0300-0500
HOURS (L.S.T.)

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	0.3	5.5	2.6	.6								13.1	5.1
NNE	2.2	.6	.1									3.0	2.9
NE	1.1	.6	.2									1.9	3.6
ENE	.8	.2										1.1	2.4
E	3.3	1.8										5.1	3.1
ESE	2.9	1.7	.4									5.0	3.6
SE	2.3	.8										3.2	2.9
SSE	.8	.3										1.2	1.0
S	.3	.1										.4	3.0
SSW	.4											.4	2.3
SW	.8	.1										1.0	2.1
WSW	1.1	.6										1.7	2.9
W	2.0	.5	.1									2.6	2.6
WNW	2.6	.8	.8									4.3	3.8
NW	3.0	4.2	3.5	1.0								11.7	5.6
NNW	4.0	6.7	7.8	2.1								20.7	6.4
VARBL													
CALM												23.7	
	32.1	24.8	15.7	3.7								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

944

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
 STATION

VANDENBERG AFB CA
 STATION NAME

64-84
 YEARS

MAY
 MONTH

ALL WEATHER
 CLASS

0600-0900
 HOURS (L.S.T.)

CONDITION

SPEED (KNOTS) 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	3.9	3.0	1.6	.6								9.1	3.9
NNE	2.0	.5	.2	.1								2.8	3.2
NE	.9	.5	.2									1.6	1.9
ENE	.6	.2										.8	2.5
E	1.9	.9	.1									3.0	3.2
ESE	2.3	1.4	.5									4.1	3.6
SE	2.0	.6	.1									2.8	2.9
SSE	.7	.3										.9	2.9
S	1.7	.1										1.8	3.0
SSW	1.0	.1										1.1	2.1
SW	1.2	.5										1.7	3.1
WSW	1.1	.4										1.5	2.6
W	2.7	.9		.1								3.6	2.8
WNW	1.9	1.7	.9	.1								4.6	4.5
NW	4.0	5.1	5.3	1.6	.1							16.1	6.3
NNW	3.5	5.3	8.9	5.2	.1							23.2	7.9
VARBL													
CALM												21.4	
	31.5	21.3	17.8	7.7	.3							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

1524

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
 STATION

VANDENBERG AFB CA
 STATION NAME

64-84
 YEARS

MAY
 MONTH

ALL WEATHER
 CLASS

0900-1100
 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	.6	.5	.6	.3	.1							2.2	6.7
NNE	.2	.2	.1									.5	4.3
NE	.1		.1	.1								.2	7.3
ENE													
E	.2											.2	2.0
ESE	.2	.1	.1									.4	9.4
SE	.2	.1	.2									.5	5.6
SSE	.2		.2	.1								.6	9.5
S	.3	.1										.4	2.9
SSW	.4	.2										.5	3.2
SW	.5	.7	.2	.1								1.4	9.7
WSW	1.1	2.3	1.4	.1								4.8	5.5
W	3.2	8.8	3.2	.2								15.3	5.2
WNW	2.6	8.6	6.0	1.6	.1	.1						18.9	6.3
NW	2.3	7.2	12.3	8.9	1.7	.3						32.7	9.3
NNW	1.0	2.1	5.8	7.6	.9	.1						17.4	10.5
VARBL													
CALM												3.7	
	12.9	30.9	30.3	18.9	2.8	.5						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

1700

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723030
 STATION

VALENDERS AFB CA
 STATION NAME

69-84
 YEARS

MAY
 MONTH

1200-1800
 HOURS (L.S.T.)

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	.4	.2	.1							.4	2.6
NNE		.1										.1	3.0
NE	.1											.1	2.0
ENE													
E													
ESE													
SE													
SSE					.2	.1						.2	13.0
S			.3									.3	6.0
SSW			.1									.1	10.0
SW	.1	.4	.5	.1								1.1	7.2
WSW	.1	2.0	1.3	.5								3.8	7.0
W	.3	6.6	8.6	.9								16.3	7.1
WNW	.6	6.1	11.9	5.1	.6	.4						24.7	6.9
NW	.5	6.7	14.0	16.1	3.2	.4						38.9	11.2
NNW	.1	.8	3.0	6.4	2.8	.3						13.4	13.1
VARBL													
CALM												.2	
	1.6	20.9	40.0	29.4	6.7	1.1						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS

1692

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723030
 STATION

VANDENBERG AFB CA
 STATION NAME

64-84
 YEARS

MAY
 MONTH

ALL WEATHER
 CLASS

1500
 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	.2	.5	.9	.3	.2							1.5	6.9
NNE													
NE													
ENE													
E													
ESE													
SE				.1								.1	11.0
SSE				.1								.1	11.5
S	.1	.1	.2	.2								.8	11.5
SSW			.1									.1	11.0
SW		.2	.2	.3								.7	11.7
WSW	.1	.3	1.2	.2								1.8	11.5
W	.6	4.8	3.3	.3								8.9	11.8
WNW	1.1	6.9	8.3	3.5	.6							20.3	11.0
NW	.5	7.6	18.1	15.4	2.8	.6						44.8	11.3
NNW	.3	2.0	5.2	10.0	3.0	.5						21.1	11.4
VARBL													
CALM												.1	
	2.9	22.3	36.8	30.3	6.6	1.1						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS

1523

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
 STATION

VANDENBERG AFB CA
 STATION NAME

64-75, 78-79, 81, 83-84
 YEARS

MAY
 MONTH

1800-2000
 HOURS (L.S.T.)

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	1.0	2.0	1.0	1.1	.3							7.8	6.7
NNE	1.1	.1	.1									1.3	2.4
NE	.2											.2	2.0
ENE	.1											.1	2.0
E	.1											.1	2.0
ESE	.1	.2										.3	3.3
SE			.1									.1	10.0
SSE	.1	.2	.2									.5	5.6
S	.1	.1	.3									.8	6.0
SSW	.1	.3	.2									.6	5.2
SW	.2	.8	.1									1.0	6.0
WSW	.5	.2	.1									.8	3.6
W	1.0	1.0	.1									2.2	4.0
WNW	2.2	0.3	3.0	.5								10.0	6.0
NW	3.1	12.4	10.2	3.6	.3							33.7	7.1
NNW	0.0	11.6	10.0	7.2	.6							37.0	7.0
VARBL													
CALM												3.9	
	14.7	34.0	33.9	12.4	1.1							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

1054

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
STATION

VANDENBERG AFB CA
STATION NAME

64-74,79,84
YEARS

MAY
MONTH

2100-2300
HOURS (L.S.T.)

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	5.7	3.2	1.9	.6								11.3	4.5
NNE	2.2	.2										2.4	2.2
NE	.9	.3										1.2	2.3
ENE	.5	.2										.7	2.1
E	.9	1.1										2.0	3.4
ESE	.5	.8										1.3	3.6
SE	1.2	.6										1.8	4.7
SSE	.3											.3	2.3
S	.7											.7	2.0
SSW	.4											.4	2.5
SW	.6											.6	2.8
WSW	.5	.4										.9	3.4
W	1.1	.6										1.7	3.0
WNW	1.4	1.9	1.2									4.5	3.8
NW	5.1	8.9	5.2	1.3	.1							20.6	5.6
NNW	4.8	12.0	12.6	3.4	.2							33.0	6.8
VARBL													
CALM												16.9	
	26.4	30.2	20.9	5.3	.3							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

1006

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930 STATION NAME **VANDENBERG AFB CA**

64-73,81

YEAR

JUN
 MONTH

ALL WEATHER
 CLASS

0000-0200
 HOUR (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	9.9	1.3	.6								9.8	9.9
NNE	1.6	1.0	.1									2.7	8.8
NE	1.3											1.3	8.0
ENE	1.1											1.1	8.1
E	2.4	.4										2.9	2.5
ESE	2.2	1.1	.2									3.5	3.2
SE	1.6	.4										2.0	8.6
SSE	.3											.3	8.7
S													
SSW	.3	.1										.4	3.3
SW	.7											.7	3.7
WSW	.3											.3	8.3
W	2.2	.1		.1								2.4	2.5
WNW	1.6	1.1	.2	.1								3.0	9.1
NW	4.4	6.9	4.8	.7								16.7	8.4
NNW	7.1	12.0	9.3	2.3								30.7	6.4
VARBL													
CALM												22.1	
	30.6	27.6	16.0	3.8								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

902

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

123930
STATION

VANDENBERG AFB CA
STATION NAME

61-73.79.83-84
YEARS

MM
MONTH

ALL WEATHER
CLASS

0300-0500
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	0.6	0.6	1.0	.2								10.9	0.1
NNE	2.6	.8	.2									3.6	0.8
NE	1.3	.2										1.5	2.2
ENE	.7											.7	0.8
E	1.0	1.0										2.4	1.1
ESE	2.2	2.3	.1									4.8	1.5
SE	1.5	.8										2.3	1.7
SSE	1.0	.2										1.7	0.9
S	.6	.1										.7	0.7
SSW	1.4											1.4	1.2
SW	.8											.8	1.7
WSW	.6	.2										.8	0.7
W	1.1	.4	.1									1.7	2.9
WNW	2.1	1.0	.4	.1								3.6	1.9
NW	2.3	6.3	3.5	.3								12.4	5.5
NNW	5.8	9.4	7.9	2.3								25.4	6.1
VARBL													
CALM												25.2	
	30.5	27.5	13.8	3.0								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

908

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72390 STATION

YANDEMBERG AFB CA STATION NAME

60-84 YEARS

JUN MONTH

ALL WEATHER CLASS

0600-0900 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	0.0	2.9	1.6	.0								0.0	0.0
NNE	2.0	.9		.2								3.1	2.6
NE	.3	.1										.9	2.2
ENE	.4	.1										.5	2.0
E	1.5	.7	.1									2.3	3.1
ESE	1.3	1.1	.1									2.6	2.6
SE	1.2	.6	.1									1.9	3.3
SSE	.6	.1	.1									.8	2.0
S	1.7	.3										1.9	2.5
SSW	.8	.3										1.1	2.8
SW	1.6	.6										2.1	2.9
WSW	1.4	.5										1.9	2.0
W	2.2	1.7	.1									4.0	3.9
WNW	2.3	2.4	.6	.1								5.5	4.2
NW	4.1	5.5	4.4	2.8								16.9	6.5
NNW	5.8	7.4	6.6	3.3	.1							23.2	6.4
VARBL													
CALM												22.2	
	31.6	25.1	13.8	7.3	.1							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 1098

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
STATION

VANDEMBERG AFB CA
STATION NAME

64-84
YEARS

JUN
MONTH

1200-1400
HOURS (L.S.T.)

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	.2	.1	.1	.1						.6	10.0
NNE													
NE													
ENE	.1											.1	2.0
E													
ESE													
SE				.1									
SSE	.1											.1	11.0
S			.3									.3	11.0
SSW			.1									.1	10.0
SW	.1	.1	.4	.3								.8	9.1
WSW	.1	.7	1.8	.5								3.1	8.6
W	.7	7.1	9.9	.8								16.5	7.1
WNW	.7	9.4	13.5	4.3	.2							23.1	8.7
NW	.4	5.0	18.0	14.7	4.0	.1						42.2	19.8
NNW	.2	1.0	3.7	4.1	1.9	.2						11.0	12.1
VARBL													
CALM												.1	
	2.2	18.6	47.7	24.9	6.2	.4						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS

1657

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 723930 STATION NAME VANDEMBERG AFB CA YEARS 64-84 MONTH JUN
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1800

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	1.0	.8	.5	.4	.1	.1						2.0	4.3
NNE		.2										.2	4.3
NE	.1		.1									.2	3.3
ENE		.1										.1	4.0
E	.1											.1	3.5
ESE	.1											.1	3.5
SE	.1											.1	3.5
SSE		.1										.1	3.0
S	.2	.1	.2	.1								.1	4.0
SSW	.4	.2	.2									.6	3.9
SW	.3	.7	.2									.8	4.1
WSW	.7	2.1	1.1									1.1	5.0
W	3.2	8.1	4.6	.2								3.9	8.3
WNW	3.3	7.5	5.9	1.4								16.2	5.8
NW	2.7	7.7	13.6	5.3	1.0							18.1	6.3
NNW	1.3	3.8	5.9	4.4	1.0							34.4	8.9
VARBL												16.3	9.1
CALM												4.9	
	13.6	31.3	32.3	15.9	2.1	.1						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 1658

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
 STATION

VANDENBERG AFB CA
 STATION NAME

69-84
 YEARS

JUN
 MONTH

1500-0700
 HOURS (L.S.T.)

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	.3	.4		.1						.8	3.2
NNE													
NE													
ENE													
E		.1										.1	1.0
ESE													
SE													
SSE													
S			.1	.1								.1	1.0
SSW		.1	.1									.1	1.0
SW	.1	.2		.2								.5	1.9
WSW	.1	.6	1.0	.3								2.4	1.9
W	.7	5.1	4.3	.3	.1							10.5	1.9
WNW	.6	6.5	10.3	2.6	.3							20.3	1.9
NW	.6	5.7	21.3	16.0	2.9	.2						46.7	1.9
NNW	.1	2.2	7.1	6.6	2.4	.1						10.3	1.9
VARBL													
CALM												.2	
	2.1	20.6	44.5	26.5	5.7	.3						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS

1006

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
 STATION

WANDENBERG AFB CA
 STATION NAME

64-74981-84
 YEARS

JAN
 MONTH

1800
 HOURS (L.S.T.)

ALL WEATHER
 CLASS

CONDITION

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.0	.9	.3	.2							4.6	5.9
NNE	.5	.4										.9	3.0
NE	.1	.2										.3	3.3
ENE	.1											.1	2.0
E													
ESE	.1											.1	2.0
SE													
SSE			.1									.1	7.0
S			.1									.1	7.0
SSW			.1									.1	10.0
SW	.1	.1	.1									.3	8.7
WSW	1.0	.6	.1									1.9	3.6
W	1.5	2.5	.2									4.2	4.0
WNW	1.9	3.7	3.3	1.1	.1							10.0	4.5
NW	4.1	11.4	15.6	6.1								37.1	7.5
NNW	4.2	12.2	15.2	5.3	.7	.1						37.6	7.5
VARBL													
CALM												2.6	
	14.7	33.3	35.7	12.7	1.0	.1						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

1007

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930 STATION

VANDENBERG AFB CA STATION NAME

69-74.82-84 YEARS

JUN MONTH

2100-2300 HOURS (L.S.T.)

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	3.9	6.2	2.1	.5								12.8	5.0
NNE	2.0	.4										2.9	2.3
NE	.8	.1										.9	1.1
ENE	.6	.1										.7	2.3
E	.7	.2	.1									1.8	3.2
ESE	.6	.1										.7	2.0
SE	.6	.5										.8	1.4
SSE	.1	.1										.2	3.3
S	.2											.2	1.8
SSW	.2	.1										.3	2.3
SW	.4											.4	1.5
WSW	.5	.1										.6	2.8
W	2.1	.6										2.5	2.3
WNW	2.7	1.0	.9	.4								5.1	4.6
NW	6.6	6.9	5.2	.9	.1							21.6	5.3
NNW	6.6	14.0	10.7	3.1	.3							34.5	6.4
VARBL													
CALM												15.0	
	28.2	32.4	19.0	5.0	.4							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

964

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION NUMBER: 12300 STATION NAME: VANDENBERG AFB CA YEAR: 69-73 MONTH: JAN
 HOUR: 0000-0500 HOUR (L.S.T.): 0000-0500

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	0.9	5.8	1.0									11.7	7.0
NNE	3.9	.8										4.6	1.0
NE	1.5	.1										1.6	2.0
ENE	.4											.4	2.3
E	1.8	.1										1.9	2.0
ESE	1.7	.3										2.0	2.0
SE	.5	.2										.6	2.7
SSE	.4	.1										.5	2.0
S	.4	.1										.5	2.0
SSW	.6											.6	2.3
SW		.1										.1	4.0
WSW	.5											.5	1.8
W	1.3	.5										1.8	2.0
WNW	1.8	2.2	.1									4.1	2.5
NW	5.1	7.8	2.4	.5								15.8	4.8
NNW	6.3	12.4	5.4	.5								24.6	5.0
VARBL													
CALM												28.2	
	31.4	30.5	6.8	1.1								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
 JSAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
 STATION

WANDENBERG AFB CA
 STATION NAME

64-73, 81, 83
 YEARS

JAN
 MONTH

0300-0500
 HOURS (L.S.T.)

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	6.5	4.3	1.4									12.2	3.7
NNE	2.6	.3										2.9	2.3
NE	1.6	.2										1.8	2.4
ENE	.6											.6	2.3
E	1.9											1.9	1.8
ESE	1.3	1.0	.1									2.4	3.3
SE	2.3	.6										2.9	2.7
SSE	.2	.5										.4	2.0
S	.8	.3										1.1	2.6
SSW	.6	.3										1.0	2.0
SW	1.1	.2										1.3	2.3
WSW	.4	.4										.9	3.0
W	1.4	.2	.1									1.7	2.6
WNW	2.3	1.7	.1									4.1	3.3
NW	5.1	6.1	1.3									12.5	4.1
NNW	6.5	7.6	4.0	.4								18.5	4.8
VARBL													
CALM												33.4	
	35.3	23.9	7.0	.4								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS

933

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 72390 VANDENBERG AFB CA STATION NAME 64-84 YEARS 44 MONTH NORTH
0600-0600 HOURS (L.S.T.)

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	3.9	3.1	1.3	.3								8.6	2.0
NNE	1.4	.5										1.1	2.7
NE	.8	.3										.5	2.4
ENE	.5												2.2
E	1.5	.1										1.6	2.2
ESE	1.4	.5										2.0	2.6
SE	1.4	.8										2.2	2.8
SSE	.9	.2										1.1	2.6
S	.6	.4										1.0	2.7
SSW	1.3	.3										1.6	2.4
SW	1.2	.3										1.5	2.7
WSW	1.3	.6										1.9	2.8
W	3.2	1.3										4.5	2.8
WNW	3.9	1.9	.1									6.0	3.1
NW	4.8	5.6	2.3	.4								13.1	4.7
NNW	4.9	5.3	3.5	.5								14.2	5.0
VARBL													
CALM												37.1	
	33.0	21.5	7.2	1.2								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS

1459

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723030
STATION

VANDENBERG AFB CA

STATION NAME

64-64

YEARS

JUL
MONTH

0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITL.

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	1.0	.2	.2								2.0	5.1
NNE	.2	.1										.3	3.8
NE	.1											.1	2.5
ENE													
E													
ESE	.1											.1	2.0
SE	.1	.1										.1	3.0
SSE													
S	.1											.1	2.0
SSW	.1	.1										.2	3.8
SW	.8	.3	.1									1.2	3.3
WSW	1.3	2.8	1.3									5.3	4.8
W	4.9	11.0	4.9	.1								20.9	5.1
WNW	3.5	10.2	6.2	.2	.1							20.2	5.6
NW	3.7	10.1	11.5	2.9	.1							28.2	6.9
NNW	2.0	4.3	5.3	2.6	.3							14.6	7.6
VARBL													
CALM												6.5	
	17.5	39.9	29.5	6.1	.4							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

1665

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723938
STATION

VANDEMBERG AFB CA
STATION NAME

64-84
YEARS

JUL
MONTH

1200-2400
HOURS (L.S.T.)

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	.5			.1						.7	0.9
NNE			.1									.1	10.0
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW	.1	.9	1.7	.1								.1	0.0
W	1.0	6.1	12.5	.7								.1	0.5
WNW	1.1	6.5	18.1	2.0	.1							2.8	7.1
NW	.7	5.2	22.7	8.0	.5							20.4	7.0
NNW	.5	.7	4.8	3.9	.7	.1						27.8	7.7
VARBL												37.0	9.0
CALM												10.8	10.6
	3.6	19.8	60.4	14.6	1.4	.2						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

1660

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/WAC

SURFACE WINDS

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

723930
STATION

VANDENBERG AFB CA
STATION NAME

64-84
YEARS

JUL
MONTH

1500-1300
HOURS (L.S.T.)

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	.3	.1	.1							.8	8.6
NNE		.1										.1	8.0
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW		.1										.1	9.0
WSW		.3	.3									.6	6.4
W	1.0	4.3	6.1	.1								11.5	6.6
WNW	1.2	7.4	12.1	1.5	.1							22.3	7.9
NW	1.4	8.5	29.2	10.3	.7							50.1	8.8
NNW	.4	1.4	7.4	4.6	.6							14.5	10.0
VARBL													
CALM												.1	
	4.0	22.3	55.5	16.7	1.4							100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

1453

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
STATION

VANDEMERSBERG AFB CA
STATION NAME

64-74, 79, 81-83
YEARS

JUL
MONTH

1600-2000
HOURS (L.S.T.)

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	1.3	3.4	1.0	.1								5.7	4.9
NNE	.4	.5										.9	3.6
NE	.1	.1										.2	3.0
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW	.1	.1										.1	4.0
WSW	.6	1.2	.5									.1	1.0
W	2.1	4.1	2.5	.5								2.2	5.1
WNW	5.2	10.4	14.4	2.1								9.2	5.5
NW	4.4	16.4	15.3	2.4	.3							40.1	6.2
MNW												38.9	6.5
VARBL													
CALM												2.7	
	14.2	44.1	33.7	5.1	.3							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

1037

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
STATION

VANDENBERG AFB CA
STATION NAME

64-74, 83
YEARS

JUN
MONTH

2100-2300
HOURS (L.S.T.)

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	6.0	5.4	1.5	.1								13.1	3.9
NNE	2.6	.7										3.3	2.5
NE	.6	.3										.9	2.7
ENE	.2											.2	2.5
E	.3											.3	1.7
ESE	.5											.5	2.9
SE	.2	.1										.3	2.7
SSE													
S	.1											.1	2.0
SSW	.2											.2	1.5
SW													
WSW	.4	.1										.5	2.9
W	.3											.3	2.3
WNW	.7	.9	.5									2.1	4.5
NW	6.8	9.8	3.7	.3								20.7	9.6
NNW	9.1	18.1	8.8	.7								36.7	5.1
VARBL													
CALM												20.0	
	28.1	35.4	14.6	1.1								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

996

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION **723930** **VANDENBERG AFB CA** STATION NAME **64-73,78,81,83-84** YEARS **AUG**
 HOURS (L.S.T.) **0000-0200**

ALL WEATHER
CLEAR

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	3.2	.6	.4								9.6	3.9
NNE	2.3	.3										2.6	2.4
NE	.6	.2										.8	2.8
ENE	.8											.8	2.0
E	1.7	.1										1.8	2.1
ESE	1.1	.8	.1									2.1	3.5
SE	1.7	.3										2.0	2.6
SSE	.2	.1										.3	2.7
S	.3											.3	2.0
SSW	.3											.3	1.3
SW	.2	.1										.3	2.3
WSW	1.1	.1										1.3	2.3
W	1.4	.4										1.8	2.5
WNW	1.5	.9	.1	.1								2.6	3.8
NW	5.3	5.5	2.4	.2								13.5	4.6
NNW	5.4	8.3	4.1	1.0								18.9	5.4
VARBL													
CALM												41.1	
	29.3	20.5	7.3	1.8								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS

959

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
 STATION

VANDENBERG AFB CA
 STATION NAME

64-73,78,81-82,84
 YEARS

AUG
 MONTH

0300-0500
 HOURS (L.S.T.)

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	4.1	3.8	.5	.3								8.7	4.0
NNE	2.0	.5										2.5	2.5
NE	1.8	.1										1.9	2.2
ENE	.9											.9	2.2
E	2.1	.5	.1									2.7	2.8
ESE	2.1	.7										2.8	2.8
SE	1.9	.9										2.8	3.1
SSE	1.4	.2										1.6	2.3
S	.2											.2	2.5
SSW	.1	.1										.2	2.5
SW	.6	.1										.7	2.4
WSW	.8	.2										1.0	2.4
W	1.7	.5										2.2	2.5
WNW	2.2	2.1	.3									4.6	3.5
NW	4.0	4.0	2.0	.1								10.0	4.3
MNW	5.0	5.0	2.3	.8								13.2	5.0
VARBL													
CALM												43.8	
	30.9	18.8	5.2	1.3								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS

956

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723938
STATION

VANDENBERG AFB CA
STATION NAME

64-84
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0600-0900
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	5.9	2.4	.6	.5								9.5	3.6
NNE	1.9	.5										2.4	2.5
NE	.9	.1										1.0	2.5
ENE	.7	.1										.7	2.2
E	1.3	.6	.1									1.9	3.1
ESE	1.4	.4										1.8	2.5
SE	1.2	.4	.1									1.7	3.0
SSE	.9	.3	.1									1.3	2.6
S	1.1	.2										1.3	2.5
SSW	.7	.1										.7	2.4
SW	.6											.6	2.1
WSW	1.2	.2										1.4	2.2
W	3.0	.9	.1									3.9	2.5
WNW	3.0	1.5	.3									4.9	3.2
NW	5.3	4.0	1.1	.4								10.8	4.1
NNW	4.3	2.9	2.3	.9	.1							10.3	5.3
VARBL													
CALM												45.7	
	33.2	14.5	4.7	1.8	.1							100.0	2.0

TOTAL NUMBER OF OBSERVATIONS

1500

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
STATION

VANDEMBERG AFB CA
STATION NAME

64-84
YEARS

AMG
MONTH

0900-1400
HOURS (L.S.T.)

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	1.7	.9	.5	.1								3.1	3.9
NNE	.3	.1										.4	2.4
NE	.1											.1	2.0
ENE													
E	.2											.2	2.3
ESE	.1											.1	2.5
SE	.1			.1								.3	4.2
SSE	.1	.1	.1									.2	6.0
S	.4	.1	.1									.5	3.9
SSW	.2	.2	.1									.5	3.8
SW	.9	.5	.1									1.5	3.3
WSW	2.1	2.2	.9									5.2	4.3
W	5.5	8.1	3.3	.1								17.0	4.7
WNW	5.1	10.3	5.7	1.1								22.3	5.5
NW	5.0	9.6	8.9	2.5	.3							26.4	6.5
NNW	3.0	4.1	3.6	2.3	.3	.1						13.4	7.0
VARBL													
CALM												9.0	
	24.8	36.0	23.4	6.1	.6	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

1707

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
STATION

VANDENBERG AFB CA

STATION NAME

64-84

YEARS

AUG

MONTH

1200-1400
HOURS (L.S.T.)

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	.1	.2								.4	8.7
NNE													
NE													
ENE													
E													
ESE			.1									.1	8.0
SE			.1									.1	7.5
SSE			.1	.1								.2	18.3
S													
SSW		.1	.1									.1	6.0
SW	.1	.1	.2									.3	6.2
WSW	.1	.7	1.4	.1								2.2	6.9
W	1.4	7.5	11.3	.4								20.5	6.8
WNW	1.3	7.6	15.5	2.9	.2							27.5	7.7
NW	1.5	6.2	20.9	9.7	.8	.1						39.2	9.1
NNW	.2	1.3	4.4	2.7	.5	.1						9.3	10.3
VARBL													
CALM													
	4.5	23.6	54.1	16.1	1.6	.2						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

1700

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
STATION

VANDENBERG AFB CA
STATION NAME

69-84
YEAR

AUG
MONTH

ALL WEATHER
CLASS

1500-1700
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	.3	.1	.2								.6	8.9
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE			.1									.1	7.0
S			.1									.1	10.0
SSW		.1										.1	4.0
SW		.1	.1									.1	6.5
WSW	.2	.2	.3									.7	6.0
W	1.5	4.4	4.7	.1								10.0	6.0
WNW	1.1	7.6	12.5	1.0								23.0	7.3
NW	2.3	10.4	25.1	10.3	1.0	.1						49.2	8.7
NNW	.7	2.7	6.5	4.5	.8	.2						15.4	9.9
VARBL													
CALM													
	5.9	25.7	49.4	16.9	1.8	.3						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

1996

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
 STATION

WANDENBERG AFB CA
 STATION NAME

64-74,79-84
 YEARS

AUG
 MONTH

ALL WEATHER
 CLASS

1800-2000
 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	3.3	3.3	.8	.2								7.7	9.3
NNE	.5	.2										.6	2.6
NE	.1											.1	1.0
ENE													
E	.2											.2	2.5
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW		.2										.2	4.5
W	1.0	1.3	.1									2.4	3.7
WNW	1.5	4.4	1.9	.1								7.9	5.2
NW	6.0	16.9	13.8	2.9								39.6	6.3
NNW	5.1	19.6	9.2	2.9	.1							36.9	6.1
VARBL													
CALM												4.4	
	17.7	45.9	25.9	6.0	.1							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

1077

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72390
 STATION

VANDENBERG AFB CA
 STATION NAME

69-79, 78, 81-84
 YEARS

AUG
 MONTH

ALL WEATHER
 CLASS

2100-2300
 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	9.1	0.8	1.0	.2								15.5	3.6
NNE	3.2	.8										4.0	2.6
NE	.6											.6	2.2
ENE	.5											.5	2.4
E	.7	.1										.8	2.4
ESE	.9	.1										1.0	2.4
SE	.4	.4										.8	3.3
SSE	.6											.6	2.5
S	.5											.5	2.6
SSW	.2											.2	2.0
SW	.1											.1	2.0
WSW	.3											.3	2.0
W	.7											.7	2.1
WNW	1.0	.6	.3	.1								2.0	4.4
NW	7.1	7.5	4.2	1.2								20.1	5.0
NNW	9.1	13.2	5.1	.5	.2							28.1	4.9
VARBL													
CALM												24.5	
	39.9	27.5	11.0	2.0	.2							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

1022

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723030
STATION

VANCOUVER AFB CA
STATION NAME

63-72,80,84
YEARS

SEP
MONTH

0000-0300
HOURS (L.S.T.)

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	6.3	2.0	1.1	.1								10.0	3.5
NNE	2.3	.9										3.2	2.9
NE	1.9	.2	.1									2.2	2.5
ENE	1.7	.2										1.9	2.3
E	5.5	2.4	.3									8.2	3.1
ESE	5.5	3.0	.8									9.4	3.4
SE	2.3	.5	.1									2.9	3.0
SSE	1.0											1.0	2.3
S	.8	.2										1.0	2.3
SSW	.2	.2										.4	3.5
SW	.6	.1										.7	2.1
WSW	.3											.3	2.3
W	.4	.2										.6	2.6
WNW	.9	.6		.1								1.7	3.6
NW	3.5	3.4	1.1	.1								8.2	4.4
NNW	3.5	5.4	2.1	.2								11.2	4.7
VARBL													
CALM												37.0	
	36.9	19.9	5.7	.5								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS

962

GLOBAL CLIMATOLOGY BRANCH
 JSAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
 STATION

WANDENBERG AFB CA

STATION NAME

63-72,82,84

YEARS

SEP

MONTH

0300-0500
 HOURS (L.S.T.)

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	5.7	2.9	.5	.1								9.2	3.4
NNE	2.2	.7	.2	.1								3.2	3.4
NE	1.1	.4										1.6	2.7
ENE	1.3	.1										1.5	2.4
E	5.5	2.7	.6									6.8	3.2
ESE	5.9	4.3	1.7									11.8	3.9
SE	2.5	1.3										3.8	3.0
SSE	1.0	.5										1.6	2.9
S	.6	.2										.8	2.6
SSW	.3											.3	2.3
SW	.5											.5	1.8
WSW	.7											.7	2.0
W	.9	.3	.1									1.3	2.8
WNW	.9	.6	.2									1.8	3.5
NW	3.3	2.4	.4									6.1	3.6
NNW	3.8	3.9	1.7	.4								9.9	4.7
VARBL													
CALM												37.0	
	36.5	20.4	5.4	.6								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS

964

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72390
STATION

VANDEMBERG AFB CA
STATION NAME

63-84
YEARS

SEP
MONTH

0600-0800
HOURS (L.S.T.)

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	4.1	2.4	.8	.4								7.8	4.2
NNE	1.8	.9	.1	.1								2.9	3.4
NE	1.7	.4		.1								2.1	3.0
ENE	.8	.3	.1									1.2	2.8
E	3.7	2.1	.1									5.8	3.1
ESE	4.8	3.6	1.2									9.6	3.8
SE	3.5	1.7	.3	.2								5.6	3.4
SSE	1.7	.1										1.9	2.4
S	.6	.1										.7	1.9
SSW	.8	.1										.9	2.3
SW	.7	.2										.9	2.6
WSW	1.0	.3	.1									1.4	2.9
W	1.8	.8	.1									2.7	2.8
WNW	1.9	.7	.2									2.9	3.3
NW	2.7	2.9	.9	.2								6.7	4.4
NNW	3.6	2.9	2.3	.5								9.3	5.2
VARBL													
CALM												37.7	
	35.4	19.4	6.1	1.4								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS

1543

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723920 STATION

VANDENBERG AFB CA STATION NAME

63-84 YEARS

SEP MONTH

ALL WEATHER CLASS

0900-1100 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	1.9	.9	.5	.1	.1							1.5	9.9
NNE	.5	.2	.3	.2								1.2	5.3
NE	.3	.1	.2									.6	9.5
ENE	.2	.1										.2	2.8
E	.5	.2										.6	3.0
ESE	.6	.5	.1	.1								1.3	9.5
SE	.8	.6	.7	.1								2.2	5.3
SSE	.4	.3	.1	.1								.9	9.9
S	.3	.2	.2	.1								.8	5.0
SSW	.4	.3	.2									1.0	9.1
SW	1.0	1.3	.3									2.6	9.9
WSW	1.4	3.3	1.4									6.1	5.2
W	4.3	7.9	3.9									16.2	9.8
WNW	3.2	6.8	3.3	.6								14.0	5.3
NW	3.5	9.0	6.1	3.4								24.0	9.8
NNW	2.2	3.7	3.9	2.0	.3							12.2	7.2
VARBL													
CALM												12.6	
	21.5	35.3	23.4	6.8	.4							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

1732

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72300 STATION

VANDENBERG AFB CA STATION NAME

63-84 YEARS

SEP MONTH

1200-1400 HOUR (L.S.T.)

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	.3	.1								.6	6.5
NNE													
NE			.1									.1	7.0
ENE													
E													
ESE		.1	.1									.1	6.5
SE			.1									.1	9.0
SSE	.1	.1	.2	.5								.9	10.0
S	.1	.1	.1	.3								.5	10.0
SSW	.2	.3	.3	.1								.5	9.6
SW	.2	.7	.8	.5								1.0	8.9
WSW	.2	1.7	2.0	.4								4.7	7.2
W	1.2	8.9	10.8	.8								21.0	6.7
WNW	1.0	6.3	12.1	2.2	.1							23.7	7.5
NW	1.1	7.5	18.1	8.9	1.0	.1						36.7	9.0
NNW	.2	1.8	2.5	3.2	.7							8.4	10.4
VARBL													
CALM												.2	
	4.1	28.9	47.8	17.1	1.8	.1						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

1735

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
 STATION

VANDENBERG AFB CA
 STATION NAME

63-84
 YEAR

SEP
 MONTH

ALL WEATHER
 CLASS

1500-1700
 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	.3	.3	.3	.1	.1							1.0	6.0
NNE		.1										.1	5.0
NE													
ENE													
E													
ESE													
SE		.1	.1									.2	7.0
SSE			.1	.1								.3	10.8
S		.1		.1								.2	10.0
SSW		.2										.2	6.7
SW		.1	.8									1.2	9.5
WSW	.1	.8	1.3	.3								2.5	7.4
W	1.0	6.0	4.4									11.4	6.1
WNW	1.0	8.2	8.2	1.4	.1							18.9	7.0
NW	1.7	12.8	20.3	8.7	.9							44.4	8.3
NNW	1.2	3.6	7.5	5.4	1.4	.1						19.3	9.7
VARBL													
CALM												.5	
	5.4	32.2	43.0	16.4	2.5	.1						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

1546

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
 STATION

VANDENBERG AFB CA
 STATION NAME

63-74, 61-84
 YEARS

SEP
 MONTH

1800-2000
 HOURS (L.S.T.)

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	0.4	3.1	.8	.5								8.8	4.2
NNE	1.7	.4										2.1	2.4
NE	.4	.1										.5	2.5
ENE	.5											.5	2.3
E	.9	.1										.9	2.4
ESE	.3	.4										.7	4.0
SE	.3	.1										.3	3.0
SSE	.1											.1	2.0
S	.2											.2	2.0
SSW	.2	.2	.2	.1								.6	6.1
SW	.3	.3	.1									.7	4.3
WSW	.2	.1										.3	3.3
W	1.5	.7										2.1	3.0
WNW	2.8	2.3	.9	.1								6.1	4.3
NW	4.9	13.5	8.6	1.6								28.6	6.0
NNW	7.4	14.5	8.6	2.0	.3							32.8	5.8
VARBL													
CALM												14.6	
	25.8	35.9	19.2	4.3	.3							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

1163

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
 STATION

VANDENBERG AFB CA
 STATION NAME

63-74, 79-80, 82-84
 YEARS

SEP
 MONTH

ALL WEATHER
 CLASS

2100-2300
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.0	1.0	.6									8.5	3.2
NNE	2.8	1.0										3.8	2.9
NE	1.2											1.2	2.0
ENE	1.0											1.0	1.9
E	4.5	1.1										5.6	2.7
ESE	2.6	1.7	.1									4.3	3.1
SE	1.8	.7										2.6	2.9
SSE	.5	.5										.9	3.1
S	.4	.1										.5	2.8
SSW													
SW	.3	.1										.4	3.0
WSW	.6	.1										.7	2.6
W	.5	.2										.6	3.1
WNW	1.1	1.0	.3									2.4	4.0
NW	3.7	4.6	2.3	.4								11.0	4.8
NNW	6.3	7.6	5.8	.3								19.9	5.3
VARBL													
CALM												36.6	
	33.1	20.4	9.1	.6								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS

1086

GLOBAL CLIMATOLOGY BRANCH
 JSAPETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930 STATION VANDENBERG AFB CA STATION NAME ALL WEATHER CLASS ALL WEATHER YEAR 63-72, 77, 79-80, 82 MONTH OCT

0000-0200
 HOUR (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	2.5	2.5	1.0	.2	.1							6.7	5.2
NNE	1.7	.9	.2		.1							2.9	3.9
NE	1.2	.4										1.6	2.6
ENE	1.2	.5										1.7	2.8
E	6.3	5.5	.2									12.0	3.0
ESE	6.7	8.9	3.3	.1								19.0	6.0
SE	3.8	3.7	.3	.2								8.0	3.0
SSE	.7	.4	.1									1.3	3.3
S	.7	.5										1.3	3.1
SSW	.5											.5	2.2
SW	.3											.3	2.0
WSW	.3											.3	2.7
W	.5											.5	2.2
WNW	.6	.8	.1									1.6	6.1
NW	1.4	1.5	.7	.1								3.7	9.7
NNW	1.8	5.2	2.4	.9								10.4	5.8
VARBL													
CALM												28.3	
	30.2	31.0	8.7	1.6	.2							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

953

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72330 STATION VANDENBERG AFB CA

63-72, 77, 78, 80, 83-84

OCT

NORTH

0300-0600
HOURS (L.S.T.)

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	2.2	2.9	1.0	.5								6.7	3.0
NNE	2.1	1.5	.8	.1								4.5	4.3
NE	1.8	.7										2.5	2.8
ENE	1.6	.3										1.9	2.4
E	3.6	5.6	.9									11.7	3.6
ESE	7.6	10.1	4.4									22.0	4.6
SE	4.2	4.2	.3	.1								9.0	3.9
SSE	1.4	.6	.1									2.1	3.0
S	1.0	.4										1.5	2.8
SSW	.4											.4	2.3
SW	.1											.1	2.0
WSW	.9											.4	2.5
W	.5	.4										.9	3.6
WNW	.6	.6										1.3	1.6
NW	.6	1.2	.1	.2								2.1	5.1
NNW	2.2	2.5	2.6	.4								7.7	5.7
VARBL													
CALM												24.8	
	32.6	31.2	10.0	1.4								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

956

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
 STATION

VANDENBERG AFB CA
 STATION NAME

63-84
 YEARS

067
 MONTH

0600-0600
 HOUR (L.A.T.)

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	3.0	2.6	2.1	.5								8.2	5.3
NNE	2.0	1.8	.8	.4								9.9	5.1
NE	1.6	.6		.1								2.3	1.0
ENE	1.6	.8	.3									2.7	3.3
E	5.8	5.4	.6									11.9	3.6
ESE	6.5	9.6	4.0									20.1	9.4
SE	6.0	4.2	1.0	.1	.1							9.4	6.4
SSE	1.1	.2	.1									1.4	3.1
S	.7	.1			.1							.9	1.2
SSW	.7	.1										.9	1.4
SW	.2											.2	2.0
WSW	.3	.2										.5	3.3
W	.7	.2										.9	2.6
WNW	.8	.1	.1	.1								1.1	3.8
NW	1.2	1.0	.7	.1								3.0	4.7
NNW	1.5	2.2	1.8	.8								6.4	6.2
VARBL													
CALM												25.3	
	31.9	29.1	11.5	2.0	.1							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS

1525

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72999 STATION

VANDENBERG AFB CA

STATION NAME

63-84

YEARS

067

MONTH

05458

ALL WEATHER

CLASS

0900-1400

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	1.9	1.9	1.5	1.5	.3							7.2	1.9
NNE	.7	.5	.6	.9								2.6	1.9
NE	.3	.2	.3	.1								.9	1.1
ENE	.6	.2	.1									.7	1.0
E	1.5	.6	.1									2.5	1.5
ESE	2.0	2.1	.6									4.9	1.5
SE	1.6	1.4	.9	.2	.1							4.3	1.5
SSE	.6	.7	.3	.1	.1							2.9	1.5
S	.9	.9	.7	.5								2.9	1.5
SSW	.5	.4	.4									1.3	1.5
SW	1.3	1.3	.4									3.0	1.5
WSW	1.1	3.1	1.3	.1								5.6	1.5
W	2.8	5.8	1.7	.1								10.9	1.5
WNW	2.9	4.9	2.1	.4								10.1	1.5
NW	2.6	4.7	5.3	3.7	.3							16.5	1.5
NNW	2.2	2.5	3.7	2.3	.4							11.1	1.5
VARBL													
CALM												14.2	
	23.3	31.5	20.1	9.7	1.1							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

1798

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930 STATION VANDENBERG AFB CA STATION NAME 63-84 YEARS OCT MONTH
1200-1400 HOURS (L.S.T.)

ALL WEATHER
CLEAR

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.3	.1	.5								.9	9.2
NNE			.3	.2								.5	10.0
NE													
ENE													
E	.1												
ESE				.1								.1	2.0
SE	.1	.2	.2	.1	.2							.1	10.0
SSE		.1	.2	.2								.7	10.3
S		.2	.7	.3								.5	10.6
SSW		.5	.5	.5								1.2	9.6
SW	.1	.5	1.0	.5								1.5	9.0
WSW	.2	1.9	3.4	.6								2.6	8.2
W	.8	10.1	9.0	.8								6.1	7.7
WNW	1.0	8.1	8.2	1.9	.3							20.7	6.7
NW	.9	7.8	13.3	9.8	2.1	.1						19.6	7.3
NNW	.2	2.0	3.2	4.1	1.0	.1						34.0	9.6
VARBL												20.6	10.6
CALM												1.0	
	3.4	31.6	40.5	19.6	3.7	.2						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 1796

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723090

WANDENBERG AFB CA

63-84

067

NORTH

YEARS

1500-1700

HOURS (L.S.T.)

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	.0	.0	.6	.0								2.0	1.0
NNE	.1	.2	.2									.5	6.8
NE													
ENE													
E			.1										10.0
ESE			.2									.2	9.3
SE			.1	.3								.4	11.5
SSE		.3	.3	.1								.7	11.6
S		.0	.6	.2								1.2	8.3
SSW		.3	.4	.2								1.0	6.6
SW	.1	.0	.0	.1								1.7	6.7
WSW	.4	1.1	1.7	.4								3.7	11.2
W	1.1	3.0	3.6	.3								10.0	9.9
WNW	2.3	6.0	6.0	1.3	.1							16.5	6.8
NW	2.2	11.7	15.8	7.2	1.5	.1						30.6	8.4
NNW	1.0	5.4	5.7	7.2	1.7							21.0	9.9
VARBL													
CALM												1.7	
	7.7	33.0	36.6	17.7	3.2	.1						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

1573

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723938 STATION VANDENBERG AFB CA STATION NAME

63-7477979-84 YEARS

087 MONTH

ALL WEATHER CLASS

1000-2000 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.2	0.0	2.7	0.3								11.2	0.9
NNE	1.6	0.5	0.3	0.1								2.6	2.9
NE	1.0	0.3										1.2	2.7
ENE	1.0	0.2										1.2	2.6
E	2.7	0.7	0.1									3.5	2.9
ESE	1.0	1.0	0.2	0.1								3.9	3.7
SE	1.2	1.0	0.3	0.1								3.0	0.6
SSE	0.8	0.8	0.3									1.8	0.1
S	0.3	0.5	0.3									1.2	0.9
SSW	0.3	0.2										0.9	0.4
SW	0.3	0.3										0.7	3.9
WSW	0.7	0.4	0.1									1.2	3.7
W	1.7	0.5										2.3	2.8
WNW	1.0	1.0	0.5	0.1								2.6	0.6
NW	3.4	6.0	3.0	1.1	0.1							13.6	1.7
MNW	5.9	8.1	4.9	4.2	0.3							23.5	6.6
VARB													
CALM												26.1	
	20.0	26.7	12.7	6.1	0.9							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

1154

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723000 STATION WANDENBERG AFB CA

63-74.77-92.89 YEARS

087 MONTH

ALL WEATHER CLASS

2100-2100 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	3.9	3.3	1.5	.6								9.2	1.8
NNE	2.8	.8	.7	.2								3.8	4.3
NE	1.7	.6	.5		.1							2.8	4.8
ENE	.7	.7										1.5	2.9
E	7.0	3.8	.4									11.1	3.1
ESE	5.9	6.3	1.0									13.8	1.8
SE	2.5	2.8	.6									5.1	1.9
SSE	.4	.8	.1									1.3	1.9
S	.9	.2	.2									.8	4.8
SSW	.1	.1										.2	3.8
SW	.3	.2	.1									.6	1.3
WSW	.2											.2	1.3
W	.3	.2	.1									.6	1.8
WNW	.8	.8	.2		.2							1.7	5.3
NW	2.0	2.7	.9	.3								5.9	4.9
NNW	2.9	3.1	3.4	1.2								12.6	6.0
VARBL													
CALM												29.5	
	31.1	27.8	9.6	2.2	.3							100.0	1.1

TOTAL NUMBER OF OBSERVATIONS

1088

1 25492

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723030
 STATION

VANDENBERG AFB CA
 STATION NAME

63-72.84
 YEARS

MON
 MONTH

0000-0000
 HOURS (L.S.T.)

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	1.0	2.2	1.9	.3								5.9	3.6
NNE	2.1	2.1	.8									5.0	3.2
NE	2.2	1.5	.3									4.1	3.6
ENE	1.5	1.3	.1									3.0	3.6
E	5.2	6.6	.7									12.8	3.9
ESE	5.7	13.4	4.3	.3	.2							24.0	5.0
SE	4.2	4.5	2.3	.9	.1	.5						12.6	6.1
SSE	.3	.4	.8	.7								2.2	6.6
S	.3	.6	.6	.4								1.9	7.3
SSW	.6	.6	.2									1.3	4.2
SW	.3	.3	.4	.1								.9	7.6
WSW	.1		.4									.6	6.8
W	.3	.1	.1									.6	4.9
WNW	.3	.2	.2									.8	4.3
NW	.4	.7	.4	.2								1.8	5.8
NNW	1.1	1.4	2.1	.7								5.3	6.8
VARBL													
CALM												17.0	
	26.0	36.0	15.7	3.6	.3	.6						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

905

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72390 STATION
VANDEMBERG AFB CA STATION NAME

63-72,84 YEAR

NOV MONTH

ALL WEATHER CLASS

0300-0600 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	3.3	1.6	.3								7.5	5.0
NNE	1.4	3.1	1.2	.4								6.2	5.0
NE	1.2	2.4	.1	.2								9.0	5.0
ENE	1.0	1.1										2.9	3.3
E	6.0	6.9	.4		.1							13.4	3.0
ESE	9.3	16.9	5.4	.3								27.9	5.1
SE	3.0	4.8	1.6	1.1	.2	.3						18.0	6.1
SSE	.6	.8	.4	.4	.1							2.3	7.7
S	.2	.3	.1	.1	.1							.9	6.8
SSW	.3	.2	.2									.8	4.7
SW		.4										.4	5.5
WSW	.1											.1	2.0
W	.4	.1	.3	.1								1.0	6.4
WNW	.6	.3	.2	.1								1.2	5.0
NW	.9	1.7	.9	.2								3.7	5.6
NNW	.7	1.6	1.1	.3								3.7	6.1
VARBL													
CALM												13.0	
	20.8	43.9	13.6	3.8	.6	.3						100.0	4.5

TOTAL: NUMBER OF OBSERVATIONS

902

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

SURFACE WINDS

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

STATION NUMBER: 723050 STATION NAME: VANDENBERG AFB CA YEARS: 63-84 MONTH: NOV
 CLASS: ALL WEATHER HOURS (L.S.T.): 0600-0800

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	2.6	3.0	3.7	.8								9.9	5.7
NNE	1.5	1.9	.8	.2	.1							4.5	5.1
NE	1.0	.8	.6	.2								2.7	3.3
ENE	1.0	1.1										2.2	3.4
E	5.9	7.3	1.0	.1								14.3	4.0
ESE	7.3	15.3	6.2	.6								29.4	5.0
SE	2.0	6.2	1.9	1.1	.6	.2						11.9	6.6
SSE	.6	.5	.6									1.5	4.4
S	.2	.5	.8	.1								1.5	6.7
SSW	.3	.2	.2									.6	4.0
SW	.1	.2	.2									.5	5.2
WSW		.1		.1								.2	6.5
W	.1	.4										.5	4.3
WNW	.2	.2	.2									.6	4.8
NW	.3	.7	.9	.2			.1					2.2	7.2
NNW	1.0	2.3	1.5	.1								4.9	5.5
VARBL													
CALM												12.6	
	24.3	41.5	17.3	3.5	.6	.2	.1					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

1241

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723030
STATION

WANDENBERG AFB CA
STATION NAME

63-84
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0900-1800
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	1.9	2.5	3.4	2.1	.3							10.2	7.6
NNE	.7	.9	1.7	1.1	.1							4.5	8.9
NE	.7	.7	.5	.1								1.9	5.1
ENE	.9	.3	.2									1.4	3.5
E	2.0	3.0	.5	.1								5.9	4.0
ESE	4.2	4.0	2.3	.5								12.0	4.9
SE	2.8	3.8	2.2	1.3	.6	.2						10.9	7.0
SSE	.8	.8	.8	.9	.1							3.4	7.6
S	.9	.5	.7	.2								2.3	5.9
SSW	.5	.2	.2									1.0	4.5
SW	.6	.7	.4									1.7	4.8
WSW	1.1	.9	.7	.1								2.8	4.9
W	2.0	1.8	1.1	.1								5.3	4.8
WNW	1.2	1.5	.9	.2	.1							3.9	5.8
NW	1.6	2.5	3.0	1.8	.2							9.0	7.5
NNW	1.4	2.8	4.2	2.6	.1	.1						11.1	8.0
VARBL													
CALM												12.6	
	24.1	27.8	22.7	11.2	1.4	.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

1690

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
 STATION

VANDENBERG AFB CA
 STATION NAME

63-84
 YEAR

NOV
 MONTH

1200-1400
 HOURS (L.S.T.)

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	.0	.0	1.4	.0	.2							3.2	9.6
NNE	.2	.2	.5	.4								1.2	0.0
NE	.1	.1	.1									.4	5.8
ENE													
E	.1	.1		.1								.3	5.4
ESE	.1	.1	.4	.2	.1	.1						1.0	11.2
SE	.4	.4	.9	1.7	.4	.1						3.8	11.1
SSE	.1	.3	.9	1.1	.4	.1						2.0	11.3
S	.1	.4	1.1	.8	.1							2.4	10.1
SSW	.2	.1	.8	.4								1.4	8.9
SW	.3	.8	.9	.4								2.4	7.3
WSW	.3	2.4	2.8	.5								6.0	6.9
W	1.8	7.9	5.7	.4								15.7	5.9
WNW	1.7	7.3	5.4	1.2	.1		.1					15.9	6.8
NW	1.1	5.9	11.8	8.6	.7	.1						28.1	9.4
NNW	.6	1.5	4.3	5.5	.7	.1						12.6	10.6
VARBL													
CALM												2.8	
	7.3	27.8	36.9	22.0	2.7	.4	.1					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

1689

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930 STATION

VANDENBERG AFB CA STATION NAME

63-84 YEARS

NOV MONTH

1500-1700 HOURS (L.S.T.)

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	1.3	1.0	1.1	.9	.1							4.3	6.7
NNE	.3	.3	.2	.3								1.1	7.4
NE	.1											.1	2.0
ENE													
E		.1										.1	6.0
ESE	.1	.2	.2	.2	.3							1.1	14.5
SE	.1	.4	.9	.9	.5	.2						3.0	11.9
SSE	.4	.4	1.0	.3	.1							1.7	9.4
S	.2	.5	1.1	.4	.2							2.3	9.4
SSW	.4	.4	.5	.5								1.8	7.2
SW	.3	1.0	1.0	.1								2.4	6.6
WSW	.5	.8	1.1	.1								2.6	6.2
W	2.5	4.1	1.7	.1								8.5	4.8
WNW	3.3	4.6	2.9	.8	.1	.1						11.7	5.8
NW	3.4	9.1	10.7	7.0	.8	.2						31.1	8.2
NINW	2.7	4.3	7.9	6.8	.4							22.2	8.6
VARBL													
CALM												6.0	
	15.2	27.2	30.4	18.5	2.4	.4						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

1680

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/WAC

SURFACE WINDS

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

STATION 72300 VANDENBERG AFB CA STATION NAME 63-79.79-81.84 YEARS
 MONTH MAY
 HOURS (L.S.T.) 1800-2000

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	3.3	3.9	2.6	.6								10.3	5.1
NNE	2.0	1.8	.5	.4								5.1	4.4
NE	1.2	.8	.2									2.2	3.6
ENE	1.3	.1	.2									1.5	3.9
E	3.3	2.3	.4	.1								6.6	3.5
ESE	3.7	2.5	.3	.2	.1							6.7	3.9
SE	2.0	1.7	1.5	1.2	.2							7.4	6.3
SSE	.7	.5	.9	.8								3.0	7.4
S	.5	.4	1.0	.4	.3							2.5	8.3
SSW	.2	.6	.3		.1							1.2	6.5
SW	.5	.5	.2									1.2	9.3
WSW	.2	.2	.3	.2								.8	7.6
W	1.2	.1										1.1	2.4
WNW	1.0	.5	.2	.1								1.8	9.2
NW	2.0	3.0	1.9	.9	.2							8.0	6.2
NNW	2.5	6.3	6.9	2.4	.1							18.1	6.9
VARBL													
CALM												22.3	
	26.8	25.6	17.3	7.2	.9							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

1099

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930 STATION

VANDENBERG AFB CA STATION NAME

63-79.83-84

YEARS

MAY MONTH

2100-2300 HOURS (L.S.T.)

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	2.7	2.0	2.1	.6								8.1	6.3
NNE	1.5	2.2	.6	.3								9.5	6.8
NE	.9	1.5	.3	.1								2.0	6.5
ENE	1.0	.6										1.9	3.2
E	6.1	6.2	.7	.3								13.1	3.9
ESE	5.1	10.5	2.3	.4	.2							16.5	4.7
SE	3.5	3.1	1.2	1.2	.4							9.4	6.1
SSE	.5	.4	.7	.6								2.2	1.7
S	.4	.5	.4	.6								1.8	1.7
SSW	.5	.5		.3								1.2	3.3
SW	.6	.2	.1	.1								1.8	4.9
WSW	.1	.4	.2									.6	6.1
W	.3	.1		.1								.5	4.6
WNW	.4	.1										.5	2.9
NW	.6	1.4	1.1	.5	.1							3.7	6.7
NNW	1.3	3.2	4.1	.8								9.4	6.8
VARBL													
CALM												20.6	
	25.8	33.5	13.8	5.7	.6							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

1083

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723000
STATION

VANDENBERG AFB CA
STATION NAME

63-72-77.00-03
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0000-0200
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	3.3	2.3	.9								7.6	3.8
NNE	1.9	4.6	2.0	.2								8.8	3.0
NE	1.7	1.9	.9	.2								4.7	4.0
ENE	1.0	1.1										2.9	3.1
E	3.0	7.3	1.0									13.7	3.8
ESE	6.3	17.1	3.0		.1	.1						27.2	3.9
SE	2.0	3.6	1.6	1.2	.2	.1						8.8	3.7
SSE	.1	.5	.1	.3	.1							1.2	3.2
S	.5	.1	.4	.5								1.6	3.0
SSW	.2	.2	.2	.1								.7	3.0
SW	.2	.2	.3	.1								.6	3.0
WSW	.1	.1	.3									.5	3.2
W	.3	.6										1.0	4.1
WNW	.1	.1	.1									.3	3.7
NW	.6	.6	1.1	.1								2.5	3.3
NNW	.5	1.4	2.3	1.1								5.3	3.0
VARBL													
CALM												12.7	
	23.1	92.8	16.5	9.3	.4	.2						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

937

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930 STATION
VANDENBERG AFB CA STATION NAME

63-72-77.80.83 YEARS

DEC MONTH

ALL WEATHER CLASS

0300-0500 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	1.7	1.9	.6								7.9	1.9
NNE	2.0	3.2	3.6	.1								7.7	4.9
NE	2.8	2.6	.1									5.1	3.7
ENE	2.0	2.0	.2									4.3	3.6
E	3.6	7.7	1.3									10.7	4.2
ESE	6.3	16.3	5.2	.1	.1							20.1	4.0
SE	2.6	6.6	1.0	.9	.1							9.9	5.6
SSE	.2	.2	.2	.2	.3							1.0	1.0
S	.3	.1	.1	.2	.2							.7	4.6
SSW	.1	.3	.1	.7								1.3	9.0
SW	.2	.1	.1									.4	4.6
WSW	.2	.1	.2									.5	5.4
W	.1	.6	.1	.2								.9	6.0
WNW	.4	.4	.1	.1								1.1	4.3
NW	.6	.6	.4	.3								1.6	7.1
NNW	.6	2.0	1.4	1.1	.2							5.3	7.7
VARBL													
CALM												10.1	
	25.0	49.6	15.0	9.6	.7							100.0	9.7

TOTAL NUMBER OF OBSERVATIONS

936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

729936
STATION

VANDENBERG AFB CA
STATION NAME

63-84
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0600-0000
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	2.3	0.1	3.2	1.2								10.2	6.1
NNE	2.2	2.9	3.5	.6								6.9	5.3
NE	2.2	1.6	.6	.2								4.6	4.3
ENE	1.3	.8	.1									2.2	3.4
E	4.4	0.2	2.0									14.6	4.9
ESE	5.5	1.6	7.0	.5	.1							30.7	3.3
SE	2.3	4.8	1.7	.8	.2	.1						9.9	4.2
SSE	.5	.2	.2	.6	.1							1.3	4.1
S	.5	.5		.2								1.2	4.7
SSW	.5		.1	.2	.2							.9	7.7
SW	.1	.1	.1									.2	5.3
WSW	.2	.2	.2	.1								.7	6.2
W	.2	.3	.4	.2								1.0	7.0
WNW	.2	.1	.2	.1								.5	6.7
NW	.2	.4	.2	.6								1.5	8.6
NNW	.5	1.2	1.8	.6								4.1	7.3
VARBL													
CALM												8.9	
	23.1	42.8	19.2	5.4	.5	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

1287

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
STATION

VANDENBERG AFB CA
STATION NAME

63-84
YEARS

MCC
MONTH

0900-1100
HOURS (L.S.T.)

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	2.6	3.3	4.3	2.6	.3							13.0	1.5
NNE	1.0	1.3	2.0	1.4	.2							5.0	1.3
NE	.6	1.1	1.1	.2								3.1	1.3
ENE	1.0	.8	.1	.1								1.9	1.6
E	3.0	3.8	.7	.1								7.9	1.2
ESE	4.5	9.6	3.1	.7	.2							18.0	1.2
SE	3.6	4.6	2.4	1.5	.7	.1						12.9	1.3
SSE	1.2	1.0	.5	.3	.2		.1					3.2	1.4
S	.6	.5	.3	.2								1.6	1.4
SSW	.2	.2	.2	.2	.1							1.0	1.1
SW	.4	.5	.3									1.2	1.2
WSW	.5	.6	.2	.2								1.5	1.4
W	.6	.7	.4									1.6	1.4
WNW	.9	.7	.4	.1								2.0	1.4
NW	.9	1.6	2.1	1.3	.1							6.0	1.4
NNW	1.0	2.2	3.2	2.4	.3							9.2	1.4
VARBL													
CALM												9.8	
	23.1	32.4	21.2	11.3	2.0	.1	.1					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

1758

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723900 STATION

VANDENBERG AFB CA

STATION NAME

63-84

YEARS

DEC

MONTH

1200 HOURS (L.S.T.)

ALL WEATHER
CLAS

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	2.2	2.4	.5							6.3	1.0
NNE	.2	.5	.8	1.0	.3							3.1	1.0
NE	.2	.1	.1	.3	.1							.7	0.8
ENE	.2	.1	.1									.3	0.2
E	.3	.1	.2	.1								.7	0.8
ESE	.3	.2	.3	.6	.2							1.0	0.8
SE	.3	.7	1.3	1.7	.9	.3	.1					5.3	1.0
SSE	.2	.8	1.3	.6	.1	.1						3.1	0.8
S	.8	.5	2.1	.4	.1	.1						2.6	0.6
SSW	.5	.3	.8	.4	.1							2.1	0.2
SW	.8	1.1	.9	.4	.1							3.4	0.5
WSW	.9	3.4	1.8	.2	.1							5.8	0.6
W	2.2	7.3	2.6	.2	.1							12.9	0.7
WNW	1.7	5.2	2.3	.7								10.0	0.8
NW	2.0	5.0	6.9	6.2	.4							22.5	0.8
NNW	1.1	2.1	5.6	6.3	.9	.1						16.1	1.0
VARBL													
CALM												4.2	
	12.0	26.2	29.8	21.6	3.6	.6	.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

1757

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723030
STATION

WARRINGERS AFB CA
STATION NAME

63-84
YEARS

DIC
MONTH

1500-1700
HOURS (L.S.T.)

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	1.7	2.0	1.8	.1							6.7	7.0
NNE	.5	.3	.5	.7	.1	.1						2.2	8.0
NE	.1	.2	.2	.3	.2	.1						1.1	10.3
ENE	.3	.1		.2								.6	8.0
E	.2	.3	.2	.1								.8	8.2
ESE	.2	.5	.3	.3	.1	.1						1.6	8.9
SE	.2	.5	1.2	1.4	.5	.3	.1					4.1	10.9
SSE	.1	.4	.7	.3	.2	.2						1.8	11.1
S	.1	.6	.7	.5								1.8	8.8
SSW	.2	.4	.2	.2	.2							1.2	8.6
SW	.6	.6	.7	.2								2.2	8.3
WSW	.7	1.2	.8									2.6	8.1
W	3.2	4.1	1.1									8.4	9.3
WNW	2.6	2.9	1.9	.3	.1							7.8	5.3
NW	3.7	7.8	8.1	4.3	.5	.1						24.8	7.5
NNW	3.5	5.1	8.1	7.2	.6	.2						24.7	8.6
VARBL													
CALM												7.8	
	17.8	26.8	26.8	17.8	2.5	.9	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

1739

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
STATION

WAMBERS AFB CA
STATION NAME

63-74,77-84
YEARS

DEC
MONTH

1809-2000
HOURS (L.S.T.)

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	2.7	6.3	3.7	1.2								13.8	3.9
NNE	1.9	2.9	1.1	.6	.1							6.6	6.7
NE	1.8	1.4	.9	.1								4.2	4.7
ENE	2.8	1.1	.3									3.4	3.4
E	3.3	1.9	.2									7.3	3.6
ESE	3.4	1.1	.7	.3								7.4	4.3
SE	1.4	2.1	1.1	1.8	1.0	.3						7.7	4.6
SSE	.6	.2	.3		.1							1.1	3.1
S	.4	.3	.6	.2								1.5	6.5
SSW	.3	.2	.3	.3								1.1	7.5
SW	.2	.3	.3		.1							.5	7.7
WSW	.3	.2	.1									.5	4.2
W	.8	.3	.1									1.1	3.2
WNW	.6	.4	.3	.2								1.5	5.8
NW	1.0	1.7	1.5	1.0	.2							5.5	7.2
MNW	2.6	5.7	5.4	2.1	.3							16.2	7.2
VARBL													
CALM												20.5	
	23.1	29.6	16.8	7.7	1.8	.3						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

1164

GLOBAL CLIMATOLOGY BRANCH
 JSAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

723930
 STATION

VANDENBERG AFB CA
 STATION NAME

63-75.77.79-81.83-89
 YEARS

DEC
 MONTH

2100-2300
 HOURS (L.S.T.)

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	2.6	4.0	5.0	.5								12.1	6.1
NNE	2.8	2.9	2.3	.4								8.1	5.9
NE	1.5	1.8	.9									9.1	9.5
ENE	1.8	1.4										3.8	3.1
E	5.3	3.8	.6									11.9	1.8
ESE	4.9	13.6	1.8	.4		.1						20.9	9.7
SE	2.1	3.3	.4	1.5	.6	.5						8.8	8.8
SSE	.5	.8	.4	.5	.3							2.5	9.0
S	.5	.3	.3	.3	.1							1.1	7.5
SSW	.3	.1		.3	.1							.7	9.4
SW			.4									.6	9.6
WSW	.1	.1	.1	.2								.4	7.6
W	.4	.3	.1	.1								.9	9.6
WNW	.4	.2	.5	.3								1.4	6.2
NW	.4	1.0	.4	.4		.1						2.4	7.0
NNW	.8	2.5	3.2	1.1								7.6	7.5
VARBL													
CALM												13.6	
	24.4	37.7	16.5	6.1	1.0	.8						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS

1136

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72300
 STATION

VANDENBERG AFB CA
 STATION NAME

63-84
 YEARS

ALL
 MONTH

INSTRUMENT

CLASS

ALL
 HOUR (L.S.T.)

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 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	3.1	2.4	.9	.1	.0							6.6	0.2
NNE	1.2	.4										1.7	2.7
NE	.6	.2	.0									.8	2.5
ENE	.3	.1	.0									.4	2.7
E	.8	.3	.0	.0								1.2	3.0
ESE	.6	.6	.2	.0	.0	.0						1.6	0.4
SE	.7	.5	.3	.2	.1	.1						1.9	6.7
SSE	.3	.2	.1	.1	.0							.9	6.2
S	.5	.2	.2	.2	.1	.0						1.2	7.2
SSW	.3	.2	.2	.2	.0	.0	.0					1.0	6.8
SW	.5	.4	.2	.1								1.2	0.8
WSW	.7	.8	.4	.1	.0							2.0	4.9
W	2.1	3.3	2.0	.1	.0							7.5	5.1
WNW	2.3	4.4	3.7	.5	.0							11.0	6.0
NW	3.8	8.5	9.9	3.1	.2	.0						25.4	7.0
NNW	4.0	7.8	7.3	2.3	.1	.0						21.5	6.6
VARBL													
CALM												14.1	
	22.2	30.4	25.6	7.0	.6	.1	.0					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

27305

PART D CEILING VERSUS VISIBILITY

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

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 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. Several examples in the use of these tables are shown on pages 2 and 3 below.

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

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the >10 mi visibility category should be used with great caution.

(continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/16	≥ 1/2	≥ 0
≥ 1000														
≥ 1500														
≥ 1200					91.0									92.6
≥ 1000														
≥ 900														
≥ 800														
≥ 700														
≥ 600														
≥ 500										97.4				98.1
≥ 400														
≥ 300														
≥ 200														
≥ 100														
0					95.4		96.9			98.3				100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
 For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.

Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
 Visibility ≥ 3 miles = 95.4%.

Visibility ≥ 2 miles = 96.9%.

Visibility ≥ 1 mile = 98.3%.

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

ADDITIONAL EXAMPLES

EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

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

EXAMPLE # 5

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

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

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-73
 MONTH: JAN HOURS(IST): 1000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2	1/2	2	1	1/2	1	3/4	5/8	1/2	5/16	1/4
NO CEIL	57.9	65.4	65.9	66.1	66.3	66.3	66.5	66.8	66.8	67.0	67.0	67.2	67.4	67.5	68.1	66.7
6E 20000	59.2	66.7	67.2	67.5	67.7	67.7	67.9	68.2	68.2	68.4	68.4	68.6	68.8	68.9	69.5	70.1
6E 18000	59.7	67.3	67.7	68.0	68.2	68.2	68.5	68.8	68.8	68.9	68.9	69.1	69.3	69.4	70.1	70.6
6E 16000	60.6	68.1	68.6	68.9	69.1	69.1	69.3	69.6	69.6	69.8	69.8	70.0	70.2	70.3	70.9	71.5
6E 14000	61.2	69.4	69.9	70.2	70.4	70.5	70.7	71.0	71.0	71.2	71.2	71.4	71.6	71.7	72.3	72.9
6E 12000	61.8	70.0	70.5	70.8	71.0	71.2	71.4	71.7	71.7	71.8	71.8	72.0	72.2	72.3	73.0	73.5
6E 10000	62.1	70.4	70.9	71.3	71.5	71.6	71.8	72.1	72.1	72.2	72.2	72.4	72.7	72.8	73.4	74.0
6E 9000	62.1	70.4	70.9	71.3	71.5	71.6	71.8	72.1	72.1	72.2	72.2	72.4	72.7	72.8	73.4	74.0
6E 8000	62.8	71.5	72.0	72.6	72.8	72.9	73.1	73.4	73.4	73.5	73.5	73.7	74.0	74.1	74.7	75.2
6E 7000	63.2	72.0	72.6	73.4	73.6	73.7	74.0	74.3	74.3	74.4	74.4	74.6	74.8	74.9	75.6	76.1
6E 6000	63.5	72.3	72.9	73.7	74.0	74.1	74.3	74.6	74.6	74.7	74.7	74.9	75.1	75.2	75.9	76.4
6E 5000	63.9	73.0	73.5	74.4	74.6	74.7	74.9	75.2	75.2	75.3	75.3	75.6	75.8	75.9	76.5	77.1
6E 4500	65.0	74.3	74.8	75.8	76.0	76.1	76.3	76.6	76.6	76.7	76.7	77.0	77.2	77.3	77.9	78.5
6E 4000	65.9	76.2	76.9	77.8	78.0	78.1	78.4	78.7	78.7	78.8	78.8	79.0	79.2	79.3	80.0	80.5
6E 3500	66.8	77.7	78.4	79.3	79.5	79.7	79.9	80.2	80.2	80.3	80.3	80.5	80.7	80.8	81.5	82.0
6E 3000	67.0	78.4	79.0	80.0	80.2	80.3	80.5	80.8	80.8	80.9	80.9	81.2	81.4	81.5	82.1	82.7
6E 2500	67.5	79.1	79.8	80.7	80.9	81.1	81.3	81.6	81.6	81.7	81.7	81.9	82.1	82.2	82.9	83.4
6E 2000	67.7	80.0	80.6	81.0	81.9	82.0	82.2	82.6	82.6	82.7	82.7	82.9	83.1	83.2	83.9	84.4
6E 1800	68.2	81.4	82.0	83.0	83.3	83.4	83.6	84.0	84.0	84.1	84.1	84.3	84.5	84.6	85.3	85.8
6E 1500	68.9	82.7	83.5	84.5	84.9	85.0	85.3	85.6	85.6	85.7	85.7	85.9	86.1	86.2	86.9	87.4
6E 1200	68.9	83.4	84.5	85.0	86.1	86.2	86.4	86.8	86.8	86.9	86.9	87.1	87.3	87.4	88.1	88.6
6E 1000	68.9	84.5	85.7	87.0	87.5	87.6	87.8	88.2	88.2	88.3	88.3	88.5	88.7	88.8	89.5	90.0
6E 900	68.9	84.8	86.1	87.5	88.2	88.3	88.5	88.8	88.8	88.9	88.9	89.1	89.3	89.5	90.1	90.6
6E 800	68.9	84.9	86.2	87.6	88.3	88.4	88.6	88.9	88.9	89.0	89.0	89.2	89.5	89.6	90.2	90.7
6E 700	68.9	85.3	86.8	88.3	89.0	89.1	89.3	89.7	89.7	89.8	89.8	89.9	90.1	90.3	90.4	91.0
6E 600	68.9	85.9	87.5	89.0	89.9	90.0	90.2	90.6	90.6	90.7	90.9	91.1	91.3	91.4	92.0	92.6
6E 500	68.9	86.3	87.9	89.6	90.4	90.5	90.7	91.2	91.2	91.3	91.4	91.6	91.8	91.9	92.6	93.2
6E 400	68.9	87.1	88.8	90.9	91.8	91.9	92.1	92.7	92.7	92.8	92.9	93.1	93.3	93.5	94.2	95.0
6E 300	68.9	87.2	89.1	91.2	92.2	92.4	92.9	93.4	93.4	93.5	93.8	94.1	94.3	94.5	95.3	96.2
6E 200	68.9	87.2	89.1	91.2	92.2	92.4	92.9	93.4	93.4	93.5	93.9	94.1	94.3	94.5	94.8	96.1
6E 100	68.9	87.2	89.1	91.2	92.4	92.5	93.0	93.5	93.5	93.6	94.0	94.2	94.4	94.6	94.9	96.8
6E 0	68.9	87.2	89.1	91.2	92.4	92.5	93.0	93.5	93.5	93.6	94.0	94.2	94.4	94.6	94.9	96.8

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-73,78
 MONTH: JAN HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6	10
NO CEIL	56.8	65.2	65.9	65.9	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4
GE 20000	58.4	67.0	67.6	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1
GE 18000	59.0	68.2	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.9
GE 16000	59.8	68.7	69.4	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.7
GE 14000	60.4	70.0	70.7	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.9
GE 12000	60.6	70.2	70.9	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	72.2
GE 10000	60.9	70.5	71.2	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	72.5
GE 9000	60.9	70.5	71.2	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	72.5
GE 8000	61.9	71.6	72.3	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	73.6
GE 7000	62.2	72.1	72.9	73.0	73.4	73.5	73.5	73.5	73.5	73.5	73.5	74.2
GE 6000	62.7	72.7	73.5	73.6	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.9
GE 5000	63.0	73.2	74.0	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	75.3
GE 4500	63.2	73.6	74.5	74.6	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.8
GE 4000	64.5	75.3	76.3	76.5	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.9
GE 3500	65.5	77.4	78.3	78.5	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.9
GE 3000	66.3	78.9	79.9	80.2	80.6	80.7	80.9	81.0	81.0	81.0	81.0	81.8
GE 2500	67.5	81.1	82.2	82.4	82.8	82.9	83.2	83.3	83.3	83.3	83.3	84.1
GE 2000	68.5	83.5	84.5	84.8	85.2	85.3	85.5	85.6	85.6	85.6	85.6	86.4
GE 1800	69.0	84.8	85.8	86.1	86.5	86.6	86.8	86.9	86.9	86.9	86.9	87.7
GE 1500	69.0	85.4	86.5	86.7	87.1	87.2	87.4	87.6	87.6	87.6	87.6	88.4
GE 1200	69.0	85.8	86.9	87.2	87.8	87.9	88.2	88.3	88.3	88.3	88.3	89.1
GE 1000	69.0	86.4	87.4	87.6	88.3	88.4	88.7	88.8	88.8	88.8	88.8	89.5
GE 900	69.1	87.4	88.7	89.1	89.6	89.7	90.1	90.2	90.2	90.2	90.2	90.9
GE 800	69.1	88.0	89.4	89.7	90.2	90.3	90.8	90.9	90.9	90.9	90.9	91.5
GE 700	69.1	88.0	89.5	90.0	90.7	90.8	91.3	91.4	91.4	91.4	91.4	92.1
GE 600	69.1	88.2	89.7	90.2	91.0	91.1	91.7	91.8	91.8	91.8	91.8	92.5
GE 500	69.1	88.3	89.8	90.3	91.2	91.3	92.0	92.1	92.1	92.1	92.1	92.7
GE 400	69.1	89.1	90.6	91.3	92.3	92.4	93.0	93.3	93.3	93.3	93.3	94.0
GE 300	69.1	89.1	90.6	91.6	92.6	92.7	93.9	94.2	94.2	94.2	94.2	94.8
GE 200	69.1	89.1	90.6	91.6	92.7	92.9	94.1	94.5	94.7	95.0	95.1	95.9
GE 100	69.1	89.1	90.6	91.6	92.7	92.9	94.1	94.5	94.7	95.0	95.2	96.0
GE 01	69.1	89.1	90.6	91.6	92.7	92.9	94.1	94.5	94.7	95.0	95.2	96.0

TOTAL NUMBER OF OBSERVATIONS: 952

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

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-84
 MONTH: JAN HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES													
	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	53.7	59.4	59.5	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.0	60.1	60.3	60.8
GE 20000	55.5	61.6	61.6	62.0	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.4	62.7	63.1
GE 18000	57.0	63.0	63.3	63.5	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.9	64.1	64.6
GE 16000	58.2	64.4	64.7	64.9	65.0	65.1	65.2	65.3	65.3	65.3	65.4	65.4	65.6	66.1
GE 14000	58.9	65.4	65.6	65.8	65.9	66.1	66.1	66.2	66.2	66.2	66.3	66.3	66.5	67.0
GE 12000	59.8	66.3	66.5	66.8	66.9	67.1	67.2	67.2	67.2	67.2	67.3	67.3	67.5	68.0
GE 10000	60.6	67.2	67.5	67.9	68.0	68.0	68.2	68.3	68.3	68.3	68.4	68.4	68.6	69.1
GE 9000	60.9	67.5	67.8	68.1	68.2	68.3	68.5	68.6	68.6	68.6	68.7	68.7	68.9	69.4
GE 8000	61.6	68.5	68.7	69.0	69.1	69.3	69.4	69.6	69.6	69.6	69.7	69.7	70.0	70.4
GE 7000	62.1	69.1	69.3	69.7	69.9	70.0	70.2	70.4	70.4	70.4	70.5	70.5	70.7	71.2
GE 6000	62.8	70.1	70.3	70.7	70.9	71.0	71.2	71.4	71.4	71.4	71.5	71.5	71.7	72.2
GE 5000	63.4	71.0	71.4	71.7	71.9	72.0	72.2	72.4	72.4	72.4	72.5	72.5	72.7	73.2
GE 4500	64.1	71.9	72.3	72.7	72.8	73.0	73.1	73.4	73.4	73.4	73.4	73.4	73.7	74.1
GE 4000	65.1	73.4	73.8	74.2	74.4	74.5	74.7	74.9	74.9	74.9	75.0	75.0	75.2	75.7
GE 3500	65.9	74.9	75.3	75.8	76.0	76.2	76.3	76.6	76.6	76.6	76.8	76.8	77.0	77.5
GE 3000	67.4	76.9	77.3	77.8	78.1	78.3	78.4	78.6	78.6	78.6	78.9	78.9	79.1	79.6
GE 2500	69.4	80.0	80.4	81.0	81.3	81.4	81.6	81.8	81.8	81.8	82.1	82.1	82.3	82.8
GE 2000	70.6	83.1	83.7	84.5	84.9	84.9	85.1	85.4	85.4	85.4	85.6	85.6	85.9	86.3
GE 1800	71.0	84.1	84.8	85.6	85.9	86.1	86.3	86.6	86.6	86.6	86.8	86.8	87.0	87.5
GE 1500	71.8	85.5	86.3	87.1	87.7	88.0	88.2	88.5	88.5	88.5	88.7	88.7	89.0	89.4
GE 1200	72.0	86.0	87.0	87.8	88.6	88.9	89.1	89.4	89.4	89.4	89.7	89.7	89.9	90.4
GE 1000	72.0	86.8	87.9	88.7	89.5	89.8	90.1	90.5	90.5	90.5	90.7	90.7	90.9	91.4
GE 900	72.0	87.1	88.2	89.1	90.0	90.4	90.6	91.0	91.0	91.0	91.2	91.2	91.5	91.9
GE 800	72.1	87.6	88.7	89.7	90.6	91.0	91.2	91.6	91.6	91.6	91.8	91.8	92.1	92.5
GE 700	72.1	87.9	89.0	90.2	91.2	91.4	92.2	92.6	92.6	92.6	92.9	92.9	93.1	93.6
GE 600	72.2	88.0	89.2	90.5	91.7	91.8	92.7	93.2	93.2	93.2	93.4	93.4	93.6	94.3
GE 500	72.2	88.1	89.3	90.6	91.9	92.1	93.2	93.6	93.6	93.6	94.2	94.2	94.4	95.1
GE 400	72.2	88.3	89.5	91.0	92.4	92.5	93.9	94.3	94.6	94.6	95.0	95.0	95.3	96.0
GE 300	72.2	88.3	89.6	91.1	92.5	92.6	94.4	94.7	95.2	95.2	95.7	95.7	96.0	96.7
GE 200	72.2	88.3	89.6	91.1	92.7	92.9	94.1	94.9	95.2	95.7	96.4	96.4	96.6	97.2
GE 100	72.2	88.3	89.6	91.1	92.7	92.9	94.1	94.9	95.2	95.7	96.6	96.6	97.2	97.7
GE 0	72.2	88.3	89.6	91.1	92.7	92.9	94.1	94.9	95.2	95.7	96.6	96.6	97.7	99.8

TOTAL NUMBER OF OBSERVATIONS: 1288

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

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-84
 MONTH: JAN HOURS(LST): 0900-1130

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	56.6	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.1	61.1	61.2	61.3
GE 20000	61.0	65.6	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.2	66.2	66.3	66.4
GE 18000	62.1	66.9	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.6	67.7	67.7	67.8	67.9
GE 16000	63.2	68.0	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.8	68.8	68.9	69.0
GE 14000	64.1	69.2	69.3	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	70.0	70.0	70.1	70.2
GE 12000	65.1	70.5	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.6	71.6	71.7	71.7
GE 10000	66.3	72.0	72.3	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.2	73.2	73.3	73.4
GE 9000	66.6	72.3	72.6	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.5	73.5	73.6	73.7
GE 8000	67.0	72.9	73.2	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.1	74.1	74.3	74.3
GE 7000	67.6	73.7	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.9	74.9	75.0	75.1
GE 6000	68.4	74.8	75.1	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	76.0	76.1	76.1	76.2	76.2
GE 5000	69.0	75.7	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	77.0	77.0	77.1	77.1
GE 4500	69.5	76.6	76.9	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.9	77.9	78.0	78.1
GE 4000	70.5	77.8	78.1	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.2	79.2	79.2	79.3	79.4
GE 3500	71.2	79.0	79.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.6	80.6	80.8	80.8
GE 3000	72.5	80.5	80.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.4	82.5
GE 2500	74.3	83.4	83.9	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.5	85.5	85.6	85.6
GE 2000	76.0	86.3	87.0	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.6	88.7	88.9	88.9	89.0	89.0
GE 1800	76.2	87.1	88.0	89.3	89.4	89.6	89.6	89.6	89.6	89.6	89.7	89.8	89.9	89.9	90.0	90.1
GE 1500	77.0	88.7	89.9	91.1	91.4	91.6	91.7	91.9	92.0	92.0	92.0	92.1	92.2	92.2	92.3	92.4
GE 1200	77.4	89.5	90.9	92.2	92.5	92.7	92.8	93.0	93.1	93.1	93.1	93.2	93.3	93.3	93.4	93.5
GE 1000	77.6	89.9	91.3	92.6	93.0	93.2	93.3	93.5	93.7	93.7	93.7	93.8	93.9	93.9	94.0	94.1
GE 900	77.7	90.1	91.6	92.9	93.4	93.6	93.7	94.0	94.1	94.1	94.1	94.3	94.4	94.4	94.5	94.5
GE 800	77.8	90.3	91.8	93.3	93.8	94.0	94.1	94.5	94.6	94.6	94.6	94.7	94.8	94.8	95.0	95.0
GE 700	77.8	90.6	92.1	93.8	94.3	94.5	94.7	95.2	95.3	95.3	95.3	95.4	95.5	95.5	95.7	95.7
GE 600	77.8	90.9	92.4	94.2	94.9	95.2	95.4	95.9	96.0	96.1	96.1	96.2	96.4	96.4	96.5	96.5
GE 500	77.9	91.0	92.7	94.5	95.4	95.7	96.0	96.6	96.7	96.8	96.8	97.0	97.1	97.1	97.2	97.4
GE 400	77.9	91.0	92.8	94.6	95.5	95.8	96.2	97.0	97.1	97.2	97.4	97.5	97.6	97.7	97.9	98.1
GE 300	77.9	91.0	92.8	94.7	95.7	96.0	96.4	97.1	97.3	97.5	97.6	97.8	97.9	98.0	98.2	98.4
GE 200	77.9	91.0	92.8	94.7	95.7	96.1	96.5	97.2	97.4	97.7	97.8	98.0	98.2	98.4	98.6	99.2
GE 100	77.9	91.0	92.8	94.7	95.7	96.1	96.5	97.2	97.4	97.7	97.8	98.1	98.2	98.5	98.8	99.9
GE 01	77.9	91.0	92.8	94.7	95.7	96.1	96.5	97.2	97.4	97.7	97.8	98.1	98.2	98.5	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 1705

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: 64-84
 MONTH: JAN HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6	7	8	9	10	NO
NO CEIL	59.0	62.8	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 20000	63.2	68.4	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 18000	64.3	69.5	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	70.0
GE 16000	65.4	70.6	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	71.0
GE 14000	66.2	71.7	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 12000	67.1	72.9	73.0	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 10000	68.1	74.4	74.9	75.1	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 9000	68.3	74.7	74.9	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 8000	68.6	75.2	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 7000	69.6	76.4	76.6	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 6000	70.0	77.1	77.3	77.8	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 5000	70.4	78.0	78.2	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 4500	70.9	78.7	78.9	79.4	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 4000	71.7	80.4	80.7	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 3500	72.4	81.3	81.5	82.1	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 3000	73.7	82.9	83.2	83.6	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 2500	75.1	84.9	85.3	85.9	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 2000	76.8	87.2	87.6	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1800	77.8	89.0	89.4	90.1	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1500	78.5	90.0	90.7	91.4	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 1200	79.0	91.0	91.7	92.7	93.1	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1000	79.2	91.4	92.3	93.4	93.8	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 900	79.4	91.9	92.8	94.0	94.4	94.8	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 800	79.8	92.6	93.6	94.8	95.3	95.7	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 700	79.8	92.8	93.8	95.1	95.5	96.0	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 600	80.0	93.1	94.1	95.4	96.0	96.4	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 500	80.0	93.3	94.4	95.8	96.5	97.1	97.4	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 400	80.0	93.3	94.5	96.1	96.8	97.4	97.7	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 300	80.0	93.3	94.5	96.1	97.0	97.5	97.8	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 200	80.0	93.3	94.5	96.1	97.0	97.5	97.8	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 100	80.0	93.3	94.5	96.1	97.0	97.5	97.8	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 01	80.0	93.3	94.5	96.1	97.0	97.5	97.8	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS: 1706

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: 64-84
 MONTH: JAN HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																		
	10	9	8	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CELL	57.9	61.0	62.6	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 20000	62.5	67.4	67.7	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 16000	63.5	68.6	68.9	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 14000	64.1	69.3	69.6	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 12000	65.1	70.4	70.7	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	71.3	71.3
GE 10000	65.8	71.7	72.0	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	72.6	72.6
GE 9000	67.0	73.1	73.6	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 8000	67.3	73.5	74.0	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 7000	68.1	74.5	75.0	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	75.7	75.7
GE 6000	69.3	75.3	75.9	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 5000	69.9	76.1	76.8	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 4500	70.3	77.1	77.8	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 4000	70.9	77.6	78.3	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 3500	71.4	79.0	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 3000	72.5	80.3	81.1	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 2500	74.0	82.5	83.4	84.5	84.9	84.9	84.9	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 2000	75.6	84.9	86.0	87.2	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1800	76.3	86.3	87.4	88.6	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1500	76.7	87.4	88.6	89.8	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1200	77.1	88.3	89.5	90.7	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 1000	77.2	88.8	90.0	91.4	92.0	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 900	77.5	89.4	90.7	92.1	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 800	77.9	90.0	91.4	92.7	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 700	78.0	90.0	91.6	92.9	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 600	78.1	90.3	92.0	93.3	94.0	94.3	94.3	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 500	78.1	90.7	92.5	94.1	95.0	95.3	95.3	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 400	78.2	91.0	92.7	94.4	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 300	78.2	91.0	92.7	94.5	95.5	95.9	96.3	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 200	78.2	91.0	92.6	94.5	95.6	95.9	96.3	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 100	78.2	91.0	92.8	94.5	95.6	95.9	96.3	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 0	78.2	91.0	92.8	94.5	95.6	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3

TOTAL NUMBER OF OBSERVATIONS: 1695

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING WENSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 64-75,79-84
 MONTH: JAN HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6
NO CEIL	62.1	62.4	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6
5E 20000	55.8	64.8	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4
5E 18000	56.2	65.2	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8
5E 16000	56.6	65.6	66.1	66.3	66.4	66.4	66.4	66.4	66.4	66.4
5E 14000	56.9	66.2	66.6	66.8	66.9	66.9	66.9	66.9	66.9	66.9
5E 12000	57.4	66.9	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6
5E 10000	58.4	68.3	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0
5E 9000	58.8	68.9	69.2	69.4	69.5	69.6	69.6	69.6	69.6	69.6
5E 8000	59.7	70.4	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2
5E 7000	59.8	71.2	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5
5E 6000	60.5	71.8	72.1	72.3	72.4	72.5	72.5	72.5	72.5	72.5
5E 5000	61.1	72.6	73.0	73.2	73.3	73.4	73.4	73.4	73.4	73.4
5E 4500	61.7	73.4	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1
5E 4000	62.6	74.4	75.0	75.2	75.3	75.4	75.4	75.4	75.4	75.4
5E 3500	62.9	74.7	75.3	75.5	75.5	75.6	75.6	75.6	75.6	75.6
5E 3000	63.7	75.8	76.4	76.6	76.7	76.8	76.8	76.8	76.8	76.8
5E 2500	64.6	77.7	78.3	78.5	78.6	78.8	78.8	78.8	78.8	78.8
5E 2000	65.9	80.3	81.0	81.3	81.4	81.6	81.6	81.6	81.6	81.6
5E 1800	66.0	81.1	81.9	82.1	82.2	82.3	82.5	82.5	82.5	82.5
5E 1500	66.1	82.3	83.1	83.4	83.5	83.6	83.7	83.7	83.7	83.7
5E 1200	66.4	83.6	84.3	84.7	85.0	85.2	85.2	85.3	85.3	85.3
5E 1000	66.5	84.3	85.1	85.6	85.9	86.1	86.1	86.2	86.2	86.2
5E 900	66.6	85.0	85.6	86.3	86.6	86.8	86.8	86.9	86.9	86.9
5E 800	66.7	85.4	86.3	86.7	87.0	87.1	87.2	87.3	87.3	87.3
5E 700	66.8	85.9	87.0	87.4	87.7	87.8	88.0	88.0	88.0	88.0
5E 600	66.8	86.4	87.5	88.0	88.3	88.4	88.6	88.7	88.7	88.7
5E 500	66.9	86.7	88.0	88.5	88.8	89.0	89.2	89.4	89.4	89.4
5E 400	67.0	87.7	88.9	89.7	90.1	90.5	90.9	91.0	91.0	91.0
5E 300	67.0	87.8	89.0	89.8	90.4	90.9	91.6	91.9	92.1	92.1
5E 200	67.0	87.8	89.1	89.8	90.6	91.0	92.0	92.3	92.3	92.3
5E 100	67.0	87.8	89.0	89.6	90.7	91.1	92.1	92.3	92.3	92.3
5E 01	67.0	87.8	89.0	89.8	90.7	91.1	92.1	92.3	92.3	92.3

TOTAL NUMBER OF OBSERVATIONS: 1137

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-75
 MONTH: JAN HOURS(ULST): 2100-2300

CEILING IN FEET	PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS										PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS									
	1	2	3	4	5	6	10	1/2	1	1/4	1/2	5/8	1	3/4	1/2	5/16	1/4	0		
NO CEIL	56.2	65.0	65.1	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.6	65.6	65.6	66.1	66.5		
GE 20000	57.9	67.0	67.1	67.2	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.7	67.7	67.7	68.2	68.6		
GE 18000	57.9	67.1	67.2	67.3	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.8	67.8	67.8	68.3	68.7		
GE 16000	58.5	67.8	67.9	68.0	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.4	68.4	68.4	69.0	69.3		
GE 14000	58.6	68.0	68.1	68.2	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.7	68.7	68.7	69.2	69.6		
GE 12000	59.0	68.6	68.7	68.8	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.8	70.2		
GE 10000	59.6	69.3	69.4	69.5	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	70.0	70.0	70.0	70.5	70.9		
GE 9000	59.7	69.4	69.5	69.6	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	70.1	70.1	70.1	70.6	71.0		
GE 8000	60.6	71.0	71.1	71.2	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.6	71.6	71.6	72.2	72.5		
GE 7000	60.7	71.2	71.3	71.7	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.2	72.2	72.2	72.7	73.1		
GE 6000	61.2	71.8	72.0	72.5	72.6	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	73.1	73.1	73.1	73.6	74.0		
GE 5000	62.0	73.0	73.2	73.6	73.8	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.3	74.3	74.3	74.8	75.2		
GE 4500	63.1	74.2	74.4	74.8	75.1	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.6	75.6	75.6	76.1	76.5		
GE 4000	63.5	74.9	75.3	75.8	76.0	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.5	77.0	77.4		
GE 3500	63.9	76.0	76.5	77.0	77.2	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.7	77.7	77.7	78.2	78.6		
GE 3000	64.4	76.8	77.2	77.7	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.4	78.4	78.4	79.0	79.3		
GE 2500	65.1	77.9	78.3	78.8	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.6	79.6	79.6	80.2	80.5		
GE 2000	65.6	78.9	79.5	80.1	80.3	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.9	80.9	80.9	81.5	81.8		
GE 1800	66.0	79.9	80.5	81.1	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.9	81.9	81.9	82.5	82.8		
GE 1500	66.6	81.2	81.9	82.7	83.0	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.6	83.6	83.6	84.1	84.5		
GE 1200	66.9	82.6	83.4	84.3	84.8	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.4	85.4	85.4	86.0	86.3		
GE 1000	67.0	83.8	84.7	85.6	86.0	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.7	86.7	86.7	87.2	87.6		
GE 900	67.0	83.8	84.7	85.7	86.1	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.8	86.8	86.8	87.3	87.7		
GE 800	67.1	84.3	85.2	86.2	86.8	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.4	87.4	87.4	88.0	88.3		
GE 700	67.2	84.8	85.9	87.0	87.5	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	88.2	88.2	88.2	88.7	89.1		
GE 600	67.3	85.0	86.1	87.2	88.0	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.7	88.7	88.7	89.3	89.6		
GE 500	67.5	85.5	86.7	88.1	88.9	89.1	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.8	89.8	89.8	90.4	90.7		
GE 400	67.5	86.0	87.4	89.1	90.1	90.3	90.5	90.5	90.8	90.8	90.8	90.8	90.8	91.3	91.3	91.3	91.9	92.5		
GE 300	67.5	86.1	87.6	89.3	90.4	90.6	91.2	91.2	91.6	91.6	91.6	91.6	91.6	92.1	92.1	92.1	93.1	93.8		
GE 200	67.5	86.1	87.6	89.3	90.8	91.0	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.7	92.7	92.7	94.8	96.5		
GE 100	67.5	86.1	87.6	89.3	90.8	91.0	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.7	92.7	92.7	95.7	99.4		
GE 0	67.5	86.1	87.6	89.3	90.8	91.0	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.7	92.7	92.7	95.7	100.0		

TOTAL NUMBER OF OBSERVATIONS: 1089

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-84
 MONTH: JAN HOURS(U): ALL

CEILING IN FEET	PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS																
	1	2	3	4	5	6	10	1	1/2	1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	56.7	62.5	62.7	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.2	63.3	63.5	63.7
GE 20000	59.7	66.1	66.4	66.6	66.7	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	67.1	67.1	67.3	67.5
GE 18000	60.5	67.1	67.3	67.6	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.0	68.0	68.2	68.4
GE 16000	61.3	68.0	68.3	68.5	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.0	69.0	69.2	69.4
GE 14000	62.0	69.0	69.2	69.5	69.6	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	70.0	70.0	70.2	70.4
GE 12000	62.7	69.9	70.2	70.5	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.9	70.9	71.0	71.1	71.2	71.4
GE 10000	63.6	71.0	71.4	71.7	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.2	72.3	72.5	72.6
GE 9000	63.8	71.3	71.7	72.0	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.4	72.5	72.5	72.7	72.9
GE 8000	64.5	72.3	72.6	73.0	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.4	73.4	73.5	73.6	73.7	73.9
GE 7000	65.0	73.0	73.3	73.8	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.2	74.2	74.3	74.4	74.5	74.7
GE 6000	65.6	73.8	74.2	74.7	74.8	74.9	74.9	75.0	75.0	75.0	75.0	75.1	75.1	75.2	75.2	75.4	75.6
GE 5000	66.1	74.6	75.1	75.6	75.7	75.8	75.8	75.9	75.9	75.9	75.9	76.0	76.0	76.1	76.1	76.3	76.5
GE 4500	66.7	75.5	76.0	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.8	76.8	77.0	77.0	77.2	77.4
GE 4000	67.6	76.6	77.3	77.8	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.3	78.4	78.4	78.6	78.8
GE 3500	68.2	77.8	78.4	79.0	79.2	79.2	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.6	79.6	79.8	80.0
GE 3000	69.2	79.2	79.7	80.4	80.6	80.7	80.7	80.8	80.8	80.8	80.9	80.9	80.9	81.1	81.1	81.3	81.5
GE 2500	70.6	81.3	81.9	82.6	82.9	83.0	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.4	83.4	83.6	83.8
GE 2000	71.8	83.6	84.3	85.1	85.4	85.5	85.6	85.7	85.8	85.8	85.8	85.8	85.8	86.0	86.0	86.2	86.4
GE 1800	72.3	84.8	85.6	86.4	86.7	86.8	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.3	87.3	87.5	87.7
GE 1500	72.9	86.0	86.9	87.8	88.2	88.3	88.5	88.6	88.6	88.7	88.7	88.7	88.7	88.9	88.9	89.1	89.3
GE 1200	73.1	86.9	87.9	88.8	89.3	89.5	89.7	89.8	89.8	89.9	89.9	89.9	90.0	90.1	90.1	90.3	90.5
GE 1000	73.3	87.6	88.6	89.6	90.1	90.3	90.5	90.7	90.7	90.8	90.8	90.8	90.9	91.0	91.0	91.2	91.4
GE 900	73.4	88.0	89.2	90.2	90.7	90.9	91.2	91.3	91.3	91.4	91.5	91.5	91.5	91.7	91.7	91.9	92.1
GE 800	73.6	88.4	89.6	90.7	91.3	91.5	91.7	91.9	91.9	92.0	92.1	92.1	92.1	92.3	92.3	92.5	92.7
GE 700	73.6	88.7	90.0	91.2	91.6	92.0	92.3	92.5	92.5	92.6	92.6	92.6	92.7	92.8	92.9	93.1	93.3
GE 600	73.7	89.0	90.4	91.6	92.3	92.5	92.8	93.1	93.1	93.2	93.3	93.3	93.3	93.5	93.5	93.7	93.9
GE 500	73.7	89.3	90.7	92.1	92.9	93.1	93.5	93.8	93.9	94.0	94.1	94.1	94.2	94.3	94.3	94.5	94.8
GE 400	73.7	89.6	91.1	92.6	93.6	93.9	94.3	94.7	94.8	95.0	95.1	95.2	95.2	95.4	95.4	95.7	96.0
GE 300	73.7	89.7	91.2	92.8	93.8	94.1	94.7	95.1	95.2	95.5	95.7	95.8	96.0	96.1	96.1	96.4	96.9
GE 200	73.7	89.7	91.2	92.8	93.9	94.2	94.9	95.4	95.5	95.8	96.1	96.3	96.6	96.8	96.8	97.5	98.5
GE 100	73.7	89.7	91.2	92.8	93.9	94.2	94.9	95.4	95.5	95.9	96.2	96.3	96.7	96.9	96.9	97.9	99.8
GE 0	73.7	89.7	91.2	92.8	93.9	94.2	94.9	95.4	95.5	95.9	96.2	96.3	96.7	96.9	96.9	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 10401

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-73
 MONTH: FEB HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	50.1	61.8	62.0	62.4	62.7	62.8	63.4	63.4	63.4	63.5	63.5	63.6	63.6	64.0	64.2	64.3
GE 20000	50.6	62.7	62.6	63.3	63.5	63.6	64.2	64.2	64.2	64.3	64.3	64.4	64.4	64.8	65.0	65.1
GE 18000	51.2	63.3	63.4	63.6	64.1	64.2	64.8	64.8	64.8	64.9	64.9	65.0	65.0	65.4	65.6	65.7
GE 16000	51.6	63.7	63.8	64.3	64.5	64.7	65.3	65.3	65.3	65.4	65.4	65.5	65.5	65.8	66.1	66.2
GE 14000	52.8	65.0	65.1	65.6	65.8	66.0	66.5	66.5	66.5	66.6	66.7	66.8	66.8	67.1	67.4	67.5
GE 12000	53.4	65.8	66.0	66.4	66.7	66.8	67.4	67.4	67.4	67.5	67.5	67.6	67.6	68.0	68.2	68.3
GE 10000	54.1	66.9	67.0	67.5	67.7	67.8	68.4	68.4	68.4	68.6	68.6	68.7	68.7	69.0	69.3	69.4
GE 9000	54.4	67.3	67.4	67.8	68.1	68.2	68.8	68.8	68.8	68.9	68.9	69.0	69.0	69.4	69.6	69.7
GE 8000	55.1	68.1	68.2	68.7	68.9	69.0	69.6	69.6	69.6	69.7	69.7	69.8	69.8	70.2	70.4	70.6
GE 7000	55.4	68.4	68.6	69.0	69.3	69.4	70.0	70.0	70.0	70.1	70.1	70.2	70.2	70.6	70.8	70.9
GE 6000	56.9	70.6	70.7	71.1	71.4	71.5	72.1	72.1	72.1	72.2	72.2	72.3	72.3	72.7	72.9	73.0
GE 5000	57.5	71.7	71.8	72.3	72.6	72.7	73.3	73.3	73.3	73.4	73.4	73.5	73.5	73.9	74.1	74.2
GE 4500	57.8	72.8	73.0	73.5	73.7	73.9	74.4	74.4	74.4	74.6	74.6	74.7	74.7	75.0	75.3	75.4
GE 4000	58.7	73.9	74.1	74.6	74.8	74.9	75.5	75.5	75.5	75.6	75.6	75.7	75.7	76.1	76.3	76.4
GE 3500	59.5	74.7	74.9	75.4	75.6	75.7	76.3	76.3	76.3	76.4	76.4	76.6	76.6	76.9	77.1	77.3
GE 3000	60.0	75.6	76.0	76.4	76.7	76.8	77.4	77.4	77.4	77.5	77.5	77.6	77.7	78.1	78.3	78.4
GE 2500	60.4	76.9	77.3	77.7	78.0	78.1	78.7	78.7	78.7	78.8	78.8	78.9	79.0	79.4	79.6	79.7
GE 2000	61.0	79.6	80.2	80.7	80.9	81.0	81.6	81.6	81.6	81.7	81.7	81.9	82.0	82.3	82.6	82.7
GE 1800	62.3	81.2	81.7	82.2	82.4	82.6	83.2	83.2	83.2	83.3	83.3	83.4	83.5	83.9	84.1	84.2
GE 1500	62.8	82.8	83.4	83.9	84.1	84.2	84.8	84.8	84.8	84.9	84.9	85.0	85.2	85.5	85.7	85.9
GE 1200	63.4	84.5	85.2	85.9	86.1	86.2	86.8	86.8	86.8	86.9	86.9	87.0	87.2	87.5	87.8	87.9
GE 1000	63.5	85.2	85.9	86.6	87.0	87.2	87.8	87.8	87.8	87.9	87.9	88.0	88.1	88.5	88.7	88.8
GE 900	63.5	85.6	86.3	87.0	87.5	87.6	88.2	88.2	88.2	88.3	88.3	88.5	88.6	88.9	89.2	89.3
GE 800	63.5	86.5	87.4	88.1	88.7	88.8	89.4	89.4	89.4	89.5	89.5	89.6	89.8	90.1	90.3	90.5
GE 700	63.5	86.6	87.5	88.2	88.8	88.9	89.5	89.5	89.5	89.6	89.6	89.6	89.9	90.2	90.5	90.6
GE 600	63.5	86.9	88.0	88.8	89.5	89.6	90.2	90.2	90.2	90.3	90.3	90.5	90.6	90.9	91.2	91.3
GE 500	63.5	87.2	88.3	89.4	90.3	90.5	91.0	91.0	91.0	91.2	91.2	91.3	91.4	91.8	92.0	92.1
GE 400	63.5	87.8	89.2	90.3	91.5	91.6	92.2	92.2	92.2	92.3	92.3	92.6	92.7	92.9	93.3	93.6
GE 300	63.5	87.9	89.3	90.6	91.8	92.0	92.6	92.6	92.6	92.8	92.8	93.1	93.2	93.4	93.9	94.1
GE 200	63.5	87.9	89.3	90.6	91.8	92.0	92.6	92.6	92.6	92.9	92.9	93.2	93.3	93.9	94.9	96.0
GE 100	63.5	87.9	89.3	90.6	91.8	92.0	92.6	92.6	92.6	92.9	92.9	93.2	93.2	93.6	95.2	96.3
GE 0	63.5	87.9	89.3	90.6	91.8	92.0	92.6	92.6	92.6	92.9	92.9	93.2	93.2	93.6	95.2	96.5

TOTAL NUMBER OF OBSERVATIONS: 849

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: 64--73, 81, 84
 MONTH: FEB HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	49.6	60.7	60.7	61.0	61.2	61.2	61.5	61.7	61.7	61.4	61.8	61.8	61.9	62.4	62.6	63.4
GE 20000	51.5	62.8	62.8	63.1	63.3	63.3	63.7	63.8	63.8	63.9	63.9	63.9	64.0	64.5	64.8	65.7
GE 18000	51.9	63.4	63.4	63.7	63.9	63.9	64.2	64.4	64.4	64.5	64.5	64.5	64.6	65.1	65.4	66.2
GE 16000	52.2	64.0	64.0	64.2	64.5	64.5	64.8	64.9	64.9	65.1	65.1	65.1	65.2	65.7	66.0	66.8
GE 14000	52.9	64.8	64.8	65.1	65.3	65.3	65.7	65.8	65.8	65.9	65.9	65.9	66.0	66.5	66.8	67.6
GE 12000	53.3	65.8	65.8	66.0	66.2	66.2	66.6	66.7	66.7	66.8	66.8	66.8	66.9	67.4	67.8	68.6
GE 10000	54.2	67.1	67.1	67.3	67.5	67.5	67.9	68.0	68.0	68.1	68.1	68.1	68.2	68.7	69.1	69.9
GE 9000	54.3	67.2	67.2	67.4	67.6	67.6	68.0	68.1	68.1	68.2	68.2	68.2	68.3	68.8	69.2	70.0
GE 8000	54.7	67.6	67.6	67.9	68.1	68.1	68.5	68.6	68.6	68.7	68.7	68.7	68.8	69.3	69.6	70.5
GE 7000	55.5	68.3	68.3	68.6	68.8	68.8	69.2	69.3	69.3	69.4	69.4	69.4	69.5	70.0	70.3	71.2
GE 6000	56.3	70.1	70.1	70.3	70.6	70.6	70.9	71.0	71.0	71.2	71.2	71.2	71.3	71.7	72.1	72.9
GE 5000	57.2	71.9	71.9	72.1	72.3	72.3	72.7	72.8	72.8	72.9	72.9	72.9	73.0	73.5	73.9	74.7
GE 4500	57.8	73.6	73.6	73.9	74.1	74.1	74.4	74.6	74.6	74.7	74.7	74.7	74.8	75.3	75.6	76.4
GE 4000	58.6	74.7	74.7	74.9	75.1	75.1	75.5	75.6	75.6	75.7	75.7	75.7	75.8	76.3	76.7	77.5
GE 3500	58.9	75.5	75.5	75.7	76.0	76.0	76.3	76.4	76.4	76.6	76.6	76.6	76.7	77.1	77.5	78.3
GE 3000	59.6	76.4	76.4	76.8	77.0	77.0	77.4	77.5	77.5	77.6	77.6	77.6	77.7	78.2	78.5	79.4
GE 2500	60.1	77.4	77.4	77.7	78.0	78.0	78.3	78.4	78.4	78.5	78.5	78.5	78.7	79.1	79.5	80.3
GE 2000	61.0	79.2	79.2	79.6	79.8	79.8	80.2	80.3	80.3	80.4	80.4	80.4	80.5	81.0	81.4	82.2
GE 1800	61.5	80.8	80.8	81.2	81.5	81.5	81.8	81.9	81.9	82.1	82.1	82.1	82.2	82.6	83.0	83.6
GE 1500	62.7	83.8	83.8	84.1	84.3	84.3	84.6	84.8	84.8	84.9	84.9	84.9	85.0	85.5	85.8	86.6
GE 1200	63.1	84.4	84.4	84.9	85.1	85.1	85.6	85.7	85.7	85.8	85.8	85.8	85.9	86.4	86.8	87.6
GE 1000	63.7	85.6	85.6	86.2	86.4	86.4	87.0	87.1	87.1	87.2	87.2	87.2	87.3	87.8	88.2	89.0
GE 900	63.9	86.3	86.3	86.9	87.1	87.1	87.7	87.8	87.8	87.9	87.9	87.9	88.0	88.5	88.9	89.7
GE 800	63.9	86.9	86.9	87.1	87.6	87.6	88.4	88.5	88.5	88.6	88.6	88.6	88.7	89.2	89.6	90.4
GE 700	63.9	87.1	87.1	87.3	88.0	88.3	88.9	89.0	89.0	89.1	89.1	89.1	89.2	89.7	90.0	90.9
GE 600	63.9	87.2	87.2	88.2	89.1	89.3	90.0	90.2	90.2	90.3	90.3	90.3	90.4	90.9	91.2	92.0
GE 500	63.9	87.7	87.7	88.7	90.0	90.5	91.2	91.3	91.3	91.4	91.4	91.4	91.6	92.0	92.4	93.2
GE 400	64.1	88.0	88.0	89.2	90.6	91.1	91.8	91.9	91.9	92.1	92.3	92.4	92.5	93.0	93.3	94.1
GE 300	64.1	88.3	88.3	89.4	90.9	91.4	92.1	92.4	92.4	92.7	92.8	93.0	93.1	93.6	94.1	95.2
GE 200	64.1	88.3	88.3	89.6	91.2	91.8	92.6	92.8	92.8	93.2	93.3	93.4	93.6	94.4	95.3	97.0
GE 100	64.1	88.3	88.3	89.6	91.2	91.8	92.6	92.8	92.8	93.2	93.3	93.4	93.6	94.5	95.7	99.5
GE 0	64.1	88.3	88.3	89.6	91.2	91.8	92.6	92.8	92.8	93.2	93.3	93.4	93.6	94.5	95.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 853

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 723930 STATION NAME: VANDLBERG AFB CA PERIOD OF RECORD: 64-84
 MONTH: FEB HOURS(LST): 0600-0000

CEILING IN FEET	PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS														
	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	52.9	58.8	59.4	60.0	60.5	60.6	60.8	60.8	61.0	61.1	61.1	61.4	61.6	61.8	62.2
GE 20000	54.9	61.6	62.1	62.7	63.2	63.4	63.7	63.7	63.8	64.0	64.0	64.4	64.6	64.8	65.3
GE 18000	55.2	61.9	62.5	63.2	63.6	63.8	64.1	64.1	64.3	64.4	64.4	64.8	65.0	65.2	65.7
GE 16000	55.8	62.8	63.4	64.1	64.5	64.8	65.0	65.0	65.2	65.4	65.4	65.7	66.0	66.1	66.6
GE 14000	56.9	64.4	64.9	65.6	66.2	66.5	66.8	66.8	67.0	67.1	67.1	67.5	67.7	68.0	68.5
GE 12000	57.5	65.2	65.8	66.5	67.1	67.3	67.7	67.7	67.8	68.0	68.0	68.3	68.6	68.8	69.3
GE 10000	58.6	66.4	67.0	67.7	68.4	68.7	69.0	69.0	69.2	69.3	69.3	69.7	69.9	70.2	70.8
GE 9000	59.2	67.1	67.7	68.5	69.2	69.4	69.8	69.8	69.9	70.1	70.1	70.4	70.7	71.0	71.5
GE 8000	59.6	68.2	68.8	69.5	69.7	69.9	70.3	70.3	70.4	70.6	70.6	71.0	71.2	71.5	72.1
GE 7000	60.5	69.1	69.9	70.7	70.7	71.0	71.4	71.4	71.5	71.7	71.7	72.1	72.3	72.6	73.2
GE 6000	61.2	69.6	70.3	71.2	72.0	72.2	72.7	72.7	72.8	73.0	73.0	73.3	73.6	73.8	74.4
GE 5000	61.8	70.4	71.2	72.2	73.0	73.2	73.7	73.7	73.8	74.0	74.0	74.3	74.6	74.9	75.4
GE 4500	62.4	71.1	72.1	73.1	73.8	74.1	74.5	74.5	74.7	74.9	74.9	75.2	75.4	75.7	76.3
GE 4000	63.6	72.7	73.6	74.6	75.4	75.6	76.0	76.0	76.2	76.4	76.4	76.7	77.0	77.2	77.8
GE 3500	64.4	74.4	75.4	76.4	77.1	77.1	77.8	77.8	78.0	78.2	78.2	78.5	78.7	79.0	79.6
GE 3000	64.9	75.4	76.5	77.5	78.2	78.5	78.9	78.9	79.1	79.3	79.3	79.6	79.8	80.1	80.7
GE 2500	66.0	77.3	78.3	79.3	80.1	80.4	80.8	80.8	80.9	81.1	81.1	81.5	81.7	82.0	82.6
GE 2000	67.2	79.3	80.3	81.5	82.2	82.5	82.9	82.9	83.1	83.2	83.2	83.6	83.8	84.1	84.7
GE 1800	67.8	80.4	81.5	82.7	83.6	83.9	84.3	84.3	84.5	84.7	84.7	85.0	85.3	85.5	86.1
GE 1500	68.7	82.0	83.2	84.6	85.4	85.8	86.2	86.2	86.4	86.5	86.5	86.9	87.1	87.4	88.0
GE 1200	68.9	82.8	84.2	85.8	86.7	87.3	87.7	87.7	87.9	88.1	88.1	88.4	88.7	88.9	89.5
GE 1000	69.2	83.2	84.8	86.4	87.6	88.3	88.7	88.7	88.9	89.1	89.1	89.4	89.7	89.9	90.5
GE 900	69.3	83.7	85.2	86.8	88.1	88.3	89.3	89.3	89.5	89.7	89.7	90.0	90.3	90.5	91.1
GE 800	69.3	83.6	85.5	87.1	88.4	88.7	89.2	89.2	89.8	90.0	90.0	90.3	90.6	90.9	91.4
GE 700	69.4	84.2	85.9	87.6	89.0	89.2	89.8	89.8	90.3	90.6	90.6	90.9	91.2	91.4	92.0
GE 600	69.5	84.5	86.4	88.2	89.8	90.1	90.8	91.3	91.3	91.6	91.6	92.0	92.2	92.5	93.1
GE 500	69.5	84.7	86.6	88.8	90.4	91.5	92.0	92.0	92.3	92.5	92.5	92.8	93.1	93.3	93.9
GE 400	69.5	84.8	86.8	89.0	90.7	91.0	92.5	92.6	92.9	93.1	93.1	93.4	93.6	93.9	94.6
GE 300	69.5	84.8	86.9	89.2	90.9	91.4	93.3	93.3	93.7	94.0	94.0	94.4	94.9	95.0	96.0
GE 200	69.5	84.9	87.0	89.2	91.2	91.7	93.6	93.6	94.2	94.7	94.8	95.3	95.7	96.3	97.9
GE 100	69.5	84.9	87.0	89.2	91.2	91.7	93.6	93.6	94.2	94.8	94.8	95.3	95.8	96.7	99.4
GE 01	69.5	84.9	87.0	89.2	91.2	91.7	93.6	93.6	94.2	94.8	94.8	95.3	95.8	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 1181

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-84
 MONTH: FEB HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	U
NO CEIL	54.6	59.9	60.8	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.9
GE 20000	57.8	64.2	65.1	65.7	65.9	65.9	66.0	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.4
GE 18000	57.9	64.5	65.4	66.0	66.2	66.3	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.8
GE 16000	58.4	65.0	65.9	66.4	66.8	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.4
GE 14000	59.7	66.6	67.6	68.2	68.5	68.6	68.7	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	69.1
GE 12000	60.4	67.7	68.7	69.3	69.6	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.3
GE 10000	62.0	69.5	70.5	71.2	71.5	71.6	71.8	71.8	71.8	71.8	71.9	71.9	72.0	72.0	72.0	72.2
GE 9000	62.2	69.7	70.7	71.4	71.8	71.9	72.0	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.4
GE 8000	62.6	70.2	71.3	72.0	72.4	72.7	72.8	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.2
GE 7000	63.3	71.0	72.2	72.9	73.4	73.6	73.8	73.8	73.8	73.8	73.9	73.9	74.0	74.0	74.0	74.1
GE 6000	64.2	71.9	73.1	73.8	74.3	74.5	74.7	74.7	74.7	74.7	74.8	74.8	74.9	74.9	74.9	75.0
GE 5000	65.1	73.1	74.3	75.2	75.7	75.9	76.1	76.1	76.1	76.1	76.2	76.2	76.3	76.3	76.3	76.5
GE 4500	65.5	74.0	75.1	76.1	76.5	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.3
GE 4000	66.5	75.4	76.7	77.7	78.1	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.9
GE 3500	67.0	76.3	77.6	78.8	79.3	79.5	79.7	79.7	79.7	79.7	79.8	79.8	79.9	79.9	79.9	80.1
GE 3000	68.1	77.8	79.2	80.5	81.0	81.4	81.5	81.5	81.5	81.5	81.6	81.6	81.7	81.7	81.7	81.9
GE 2500	69.6	79.9	81.4	82.8	83.3	83.7	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.2
GE 2000	71.4	82.6	84.3	85.7	86.2	86.6	86.8	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.2
GE 1800	72.0	83.8	85.6	87.4	87.5	87.9	88.0	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.5
GE 1500	72.7	85.1	87.3	89.4	89.6	90.1	90.3	90.4	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.8
GE 1200	72.9	86.3	88.6	90.5	91.3	91.8	92.1	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.6
GE 1000	73.0	86.9	89.6	91.6	92.3	93.0	93.2	93.4	93.5	93.6	93.6	93.6	93.7	93.7	93.7	93.9
GE 900	73.1	87.4	90.2	92.2	93.1	93.8	94.1	94.3	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.8
GE 800	73.1	87.6	90.4	92.5	93.4	94.1	94.5	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9	95.1
GE 700	73.1	87.7	90.6	92.9	93.9	94.7	95.0	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.6
GE 600	73.2	87.8	90.8	93.4	94.4	95.2	95.6	96.1	96.2	96.4	96.4	96.4	96.5	96.5	96.5	96.7
GE 500	73.2	88.1	91.1	93.8	95.0	95.8	96.3	96.8	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.4
GE 400	73.2	88.3	91.5	94.5	95.9	96.7	97.2	97.9	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.5
GE 300	73.2	88.3	91.5	94.7	96.2	97.0	97.6	98.5	98.6	98.6	98.9	98.9	99.0	99.0	99.0	99.4
GE 200	73.2	88.3	91.5	94.7	96.2	97.0	97.6	98.5	98.6	98.8	99.0	99.0	99.2	99.2	99.2	99.7
GE 100	73.2	88.3	91.5	94.7	96.2	97.0	97.6	98.5	98.6	98.8	99.0	99.1	99.2	99.2	99.4	100.0
GE 0	73.2	88.3	91.5	94.7	96.2	97.0	97.6	98.5	98.6	98.8	99.0	99.1	99.2	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 1555

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: 64-88
MONTH: FEB HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	2	3	4	5	6	7	8	9	10							
	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE							
	1	1/2	2/3	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6	7	8	9	10
NO CEIL	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 20000	62.6	70.7	71.1	71.2	71.2	71.2	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 18000	63.2	70.5	71.9	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 16000	63.3	70.8	71.8	72.2	72.3	72.3	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 14000	64.4	72.3	73.3	73.9	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 12000	65.4	73.6	74.5	75.0	75.2	75.3	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 10000	66.5	74.9	75.9	76.3	76.5	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 9000	66.8	75.2	76.2	76.7	76.9	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 8000	67.6	76.0	77.0	77.4	77.7	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 7000	68.1	76.6	77.6	78.0	78.3	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 6000	68.9	77.7	78.7	79.1	79.4	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 5000	69.4	78.3	79.4	79.9	80.2	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 4500	69.9	79.1	80.2	80.7	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 4000	70.9	80.3	81.4	82.0	82.3	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 3500	71.7	81.4	82.5	83.2	83.5	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 3000	73.3	83.3	84.6	85.3	85.6	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 2500	74.4	84.6	85.8	86.7	87.1	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 2000	76.7	87.4	88.7	89.6	90.0	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1800	77.4	88.2	89.6	90.5	91.0	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1500	77.8	89.6	91.3	92.2	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1200	78.2	90.3	92.5	93.5	94.2	94.4	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1000	78.5	91.1	93.3	94.5	95.3	95.6	95.8	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 900	78.5	91.2	93.5	94.8	95.5	96.0	96.3	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 800	78.5	91.3	93.6	94.9	95.7	96.3	96.5	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 700	78.6	91.5	93.7	95.1	95.9	96.6	96.8	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 600	78.6	91.9	94.2	95.6	96.4	97.2	97.4	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 500	78.6	92.0	94.4	96.1	97.0	97.7	98.1	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	78.6	92.2	94.5	96.3	97.4	98.2	98.6	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	78.6	92.2	94.5	96.4	97.7	98.4	99.0	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	78.6	92.2	94.6	96.4	97.7	98.5	99.1	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	78.6	92.2	94.6	96.4	97.7	98.5	99.2	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 0	78.6	92.2	94.6	96.4	97.7	98.5	99.2	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 1547

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: 64-84
MONTH: FEB HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES													
	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	53.0	58.7	59.5	59.6	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1
GE 20000	57.6	65.0	66.1	66.4	66.8	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0
GE 18000	58.1	65.7	66.8	67.0	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 16000	58.1	65.8	66.9	67.2	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 14000	59.1	66.9	68.0	68.3	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 12000	60.2	68.3	69.4	69.7	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4
GE 10000	61.7	70.1	71.2	71.4	71.9	72.0	72.0	72.0	72.1	72.1	72.2	72.2	72.2	72.2
GE 9000	62.2	70.5	71.6	71.9	72.4	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6
GE 8000	63.0	71.8	72.9	73.2	73.7	73.7	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9
GE 7000	63.6	72.5	73.7	73.9	74.4	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6
GE 6000	64.2	73.3	74.4	74.8	75.2	75.3	75.3	75.3	75.4	75.4	75.5	75.5	75.5	75.5
GE 5000	65.3	74.4	75.7	76.0	76.5	76.6	76.6	76.6	76.7	76.7	76.8	76.8	76.8	76.8
GE 4500	65.9	75.2	76.4	76.8	77.3	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5
GE 4000	66.6	76.2	77.4	77.8	78.3	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6
GE 3500	67.4	77.2	78.4	78.8	79.4	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6
GE 3000	69.0	79.8	81.1	81.6	82.2	82.2	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4
GE 2500	70.1	80.9	82.3	82.9	83.5	83.6	83.6	83.6	83.7	83.7	83.8	83.8	83.8	83.8
GE 2000	71.8	83.2	84.8	85.4	86.2	86.3	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5
GE 1800	72.4	83.9	85.5	86.1	87.0	87.1	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3
GE 1500	73.7	85.6	87.5	88.4	89.4	89.6	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
GE 1200	74.3	86.8	88.8	89.8	90.9	91.2	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6
GE 1000	74.5	87.4	89.4	90.5	91.6	92.0	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4
GE 900	74.5	87.5	89.6	90.7	91.9	92.2	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
GE 800	74.6	87.9	89.9	91.1	92.5	92.9	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4
GE 700	75.0	88.8	90.9	92.1	93.6	94.0	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6
GE 600	75.0	89.0	91.2	92.7	94.3	94.6	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4
GE 500	75.2	89.6	92.0	93.7	95.3	95.7	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6
GE 400	75.3	89.7	92.1	94.0	95.8	96.4	97.5	97.5	97.6	97.7	97.8	97.8	97.8	97.9
GE 300	75.3	89.7	92.1	94.1	95.9	96.5	97.2	97.8	98.0	98.1	98.2	98.4	98.4	98.7
GE 200	75.3	89.7	92.1	94.1	95.9	96.6	97.3	97.9	98.1	98.2	98.3	98.4	98.7	99.6
GE 100	75.3	89.7	92.1	94.1	95.9	96.6	97.3	97.9	98.1	98.2	98.4	98.6	98.8	99.9
GE 01	75.3	89.7	92.1	94.1	95.9	96.6	97.3	97.9	98.1	98.2	98.4	98.6	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 1541

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: 64-75-80-84
 MONTH: FEB HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6	10					
NO CEIL	51.0	59.8	60.1	60.6	61.0	61.2	61.5	61.7	61.7	61.7	61.9	62.0	62.0	62.0	62.0	62.0	62.7
GE 20000	53.9	63.6	64.0	64.6	65.1	65.2	65.5	65.7	65.7	65.7	65.9	66.0	66.0	66.0	66.0	66.0	66.7
GE 18000	54.9	64.6	65.1	65.7	66.1	66.2	66.5	66.7	66.7	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.7
GE 16000	55.1	64.9	65.3	65.9	66.3	66.4	66.7	66.9	66.9	66.9	67.1	67.2	67.2	67.2	67.2	67.2	67.9
GE 14000	55.7	65.7	66.1	66.7	67.1	67.2	67.6	67.8	67.8	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.9
GE 12000	56.2	66.2	66.6	67.2	67.6	67.7	68.1	68.3	68.3	68.3	68.6	68.7	68.7	68.7	68.7	68.7	69.4
GE 10000	57.0	67.0	67.4	68.0	68.4	68.6	69.0	69.2	69.2	69.2	69.4	69.5	69.5	69.5	69.5	69.5	70.2
GE 9000	57.2	67.2	67.6	68.2	68.7	68.8	69.2	69.4	69.4	69.4	69.6	69.7	69.7	69.7	69.7	69.7	70.4
GE 8000	58.3	68.6	69.1	69.7	70.1	70.2	70.6	70.8	70.8	70.8	71.0	71.1	71.1	71.1	71.1	71.1	71.8
GE 7000	58.8	69.2	69.7	70.4	70.8	70.9	71.3	71.5	71.5	71.5	71.7	71.8	71.8	71.8	71.8	71.8	72.6
GE 6000	59.3	69.9	70.4	71.1	71.5	71.6	72.0	72.3	72.3	72.3	72.5	72.6	72.6	72.6	72.6	72.6	73.3
GE 5000	60.2	71.0	71.5	72.4	72.8	72.9	73.3	73.5	73.5	73.5	73.7	73.8	73.8	73.8	73.8	73.8	74.5
GE 4500	61.0	72.1	72.7	73.5	73.9	74.0	74.4	74.6	74.6	74.6	74.8	74.9	74.9	74.9	74.9	74.9	75.6
GE 4000	62.3	73.8	74.5	75.1	75.5	75.6	76.1	76.3	76.3	76.3	76.5	76.6	76.6	76.6	76.6	76.6	77.3
GE 3500	62.9	74.6	75.1	76.0	76.4	76.5	76.9	77.1	77.1	77.1	77.3	77.4	77.4	77.4	77.4	77.4	78.1
GE 3000	63.6	75.6	76.2	77.0	77.4	77.5	77.9	78.1	78.1	78.1	78.3	78.4	78.4	78.4	78.4	78.4	79.1
GE 2500	65.0	77.6	78.1	78.9	79.3	79.4	79.9	80.1	80.1	80.1	80.3	80.4	80.4	80.4	80.4	80.4	81.1
GE 2000	65.8	79.2	80.0	81.1	81.5	81.6	82.0	82.2	82.2	82.2	82.4	82.5	82.5	82.5	82.5	82.5	83.2
GE 1800	66.0	80.0	80.7	82.0	82.4	82.5	82.9	83.1	83.1	83.1	83.4	83.5	83.5	83.5	83.5	83.5	84.2
GE 1500	66.6	81.5	82.2	83.6	84.1	84.2	84.6	84.8	84.8	84.8	85.0	85.1	85.1	85.1	85.1	85.1	85.8
GE 1200	67.5	83.0	83.6	85.2	85.7	85.6	86.2	86.4	86.4	86.4	86.6	86.7	86.7	86.7	86.7	86.7	87.5
GE 1000	67.7	83.8	84.6	86.0	86.5	86.6	87.1	87.3	87.3	87.3	87.5	87.6	87.6	87.6	87.6	87.6	88.3
GE 900	68.1	84.8	85.7	87.2	87.7	87.8	88.2	88.4	88.4	88.4	88.6	88.7	88.7	88.7	88.7	88.7	89.4
GE 800	68.2	85.0	85.9	87.5	88.0	88.1	88.5	88.7	88.7	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.7
GE 700	68.2	85.4	86.5	88.1	88.6	88.7	89.2	89.4	89.4	89.4	89.6	89.7	89.8	89.8	89.8	89.8	90.5
GE 600	68.3	85.8	87.4	88.9	89.7	89.8	90.4	90.6	90.6	90.6	90.9	91.0	91.1	91.1	91.1	91.1	91.8
GE 500	68.3	86.1	87.6	89.3	90.5	90.6	91.3	91.5	91.5	91.5	91.9	92.0	92.1	92.1	92.1	92.1	92.8
GE 400	68.4	86.5	88.6	90.3	92.1	92.2	92.8	93.1	93.1	93.1	93.5	93.6	93.7	93.7	93.7	93.7	94.5
GE 300	68.4	87.1	89.1	91.3	93.4	93.6	94.2	94.6	94.6	94.6	95.0	95.1	95.2	95.2	95.2	95.2	96.0
GE 200	68.4	87.1	89.1	91.5	93.7	93.9	94.7	95.0	95.0	95.0	95.5	95.7	95.9	96.0	96.0	96.0	96.8
GE 100	68.4	87.1	89.1	91.5	93.7	93.9	94.7	95.0	95.1	95.1	95.7	95.9	96.1	96.3	96.3	96.3	97.2
GE 0	68.4	87.1	89.1	91.5	93.7	93.9	94.7	95.0	95.1	95.1	95.7	95.9	96.1	96.3	96.3	96.3	97.2

TOTAL NUMBER OF OBSERVATIONS: 973

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-74.77
 MONTH: FEB HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
NO CEIL	52.8	63.1	63.8	64.3	64.5	64.6	64.7	64.7	64.7	64.7	64.8	64.8	64.9	65.0	65.0	65.3	66.0
GE 20000	53.4	64.0	64.7	65.2	65.3	65.5	65.6	65.6	65.6	65.6	65.7	65.7	65.8	65.9	65.9	66.3	67.0
GE 18000	54.2	64.8	65.5	66.0	66.1	66.2	66.3	66.3	66.3	66.4	66.4	66.4	66.6	66.7	66.7	67.1	67.8
GE 16000	54.3	64.9	65.6	66.1	66.2	66.3	66.4	66.4	66.4	66.4	66.5	66.5	66.7	66.8	66.8	67.2	67.9
GE 14000	55.2	66.0	66.7	67.2	67.3	67.4	67.5	67.5	67.5	67.6	67.7	67.7	67.8	67.9	67.9	68.3	69.0
GE 12000	55.8	66.8	67.4	68.0	68.1	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.5	68.7	68.7	69.1	69.8
GE 10000	57.1	68.0	68.7	69.2	69.3	69.4	69.5	69.5	69.5	69.6	69.6	69.6	69.8	69.9	69.9	70.3	71.0
GE 9000	57.5	68.4	69.1	69.6	69.8	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.2	70.3	70.3	70.8	71.4
GE 8000	57.8	69.0	69.6	70.2	70.3	70.4	70.5	70.5	70.5	70.6	70.6	70.6	70.8	70.9	70.9	71.4	72.1
GE 7000	58.4	69.6	70.3	70.9	71.0	71.1	71.2	71.2	71.2	71.3	71.3	71.3	71.4	71.5	71.5	72.1	72.7
GE 6000	58.7	70.3	71.0	71.5	71.6	71.7	71.9	71.9	71.9	72.0	72.0	72.0	72.1	72.2	72.2	72.7	73.4
GE 5000	60.0	71.9	72.5	73.1	73.2	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.6	73.7	73.7	74.3	74.9
GE 4500	60.4	72.6	73.3	73.8	74.0	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.4	74.5	74.5	75.1	75.7
GE 4000	61.6	73.8	74.5	75.1	75.2	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.6	75.7	75.7	76.3	76.9
GE 3500	62.4	74.6	75.3	75.8	75.9	76.0	76.2	76.2	76.2	76.3	76.3	76.3	76.4	76.5	76.5	77.0	77.7
GE 3000	63.6	76.2	76.9	77.5	77.6	77.7	77.8	77.8	77.8	77.9	77.9	77.9	78.0	78.1	78.1	78.7	79.4
GE 2500	64.2	77.7	78.5	79.0	79.1	79.2	79.4	79.4	79.4	79.5	79.5	79.5	79.6	79.7	79.7	80.2	80.9
GE 2000	65.1	79.9	80.8	81.5	81.6	81.7	81.8	81.8	81.8	81.9	81.9	81.9	82.0	82.1	82.1	82.7	83.3
GE 1800	65.3	80.8	81.7	82.3	82.5	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.9	83.0	83.0	83.6	84.2
GE 1500	66.6	83.3	84.2	84.9	85.0	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.4	85.5	85.5	86.1	86.8
GE 1200	67.0	84.9	85.8	86.9	87.0	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.4	87.5	87.5	88.1	88.7
GE 1000	67.3	85.5	86.4	87.6	87.7	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.2	88.3	88.3	88.9	89.5
GE 900	67.5	85.9	86.8	88.0	88.1	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.5	88.6	88.6	89.2	89.8
GE 800	67.7	86.9	87.7	89.1	89.2	89.3	89.4	89.4	89.4	89.5	89.5	89.5	89.6	89.7	89.7	90.3	90.9
GE 700	67.7	87.0	87.9	89.2	89.3	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.7	89.8	89.8	90.4	91.1
GE 600	67.7	87.0	88.0	89.3	89.4	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.8	90.0	90.0	90.5	91.2
GE 500	67.7	87.6	88.9	90.3	90.4	90.6	90.7	90.8	90.8	90.9	90.9	90.9	91.1	91.2	91.2	91.7	92.4
GE 400	67.7	88.1	89.3	90.6	91.1	91.3	91.5	91.7	91.7	91.8	91.8	91.8	91.9	92.1	92.1	92.6	93.4
GE 300	67.7	88.2	89.6	91.3	91.6	91.8	92.2	92.8	92.8	92.9	92.9	92.9	93.2	93.3	93.3	93.9	94.9
GE 200	67.7	88.3	89.7	91.4	91.9	92.2	92.6	93.7	93.7	93.7	93.7	93.7	94.4	94.6	94.6	95.4	97.8
GE 100	67.7	88.3	89.7	91.4	91.9	92.2	92.6	93.7	93.7	93.7	93.7	93.7	94.5	94.7	94.7	96.8	99.2
GE 01	67.7	88.3	89.7	91.4	91.9	92.2	92.6	93.7	93.7	93.7	93.7	93.7	94.5	94.7	94.7	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 906

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

STATION NUMBER: 723930 STATION NAME: VANDEMBERG AFB CA PERIOD OF RECORD: 64-74.78
 MONTH: MAR HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	GE	
NO CEIL	45.5	56.7	57.7	58.0	58.4	56.4	58.5	58.9	58.9	59.2	59.2	59.3	59.4	59.8	60.6
GE 20000	45.9	57.7	58.7	59.0	59.4	59.4	59.5	59.8	59.8	60.1	60.1	60.3	60.4	60.8	61.5
GE 18000	46.2	57.9	58.9	59.2	59.6	59.6	59.7	60.0	60.0	60.4	60.4	60.5	60.6	61.0	61.8
GE 16000	46.9	58.7	59.6	59.9	60.4	60.4	60.5	60.8	60.8	61.1	61.1	61.2	61.3	61.8	62.5
GE 14000	47.3	59.1	60.0	60.4	60.8	60.8	60.9	61.2	61.2	61.5	61.5	61.6	61.8	62.2	62.9
GE 12000	48.4	60.1	61.1	61.4	61.9	61.9	62.0	62.3	62.3	62.6	62.6	62.7	62.8	63.2	64.0
GE 10000	49.3	61.1	62.1	62.4	62.8	62.8	62.9	63.2	63.2	63.6	63.6	63.7	63.8	64.2	65.0
GE 9000	49.4	61.4	62.4	62.7	63.1	63.1	63.2	63.6	63.6	63.9	63.9	64.0	64.1	64.5	65.3
GE 8000	49.8	62.0	62.9	63.2	63.7	63.7	63.8	64.1	64.1	64.4	64.4	64.5	64.6	65.1	65.8
GE 7000	50.3	62.7	63.7	64.0	64.4	64.4	64.5	64.9	64.9	65.2	65.2	65.3	65.4	65.8	66.6
GE 6000	51.5	64.0	65.0	65.3	65.7	65.7	65.8	66.1	66.1	66.5	66.5	66.6	66.7	67.1	67.8
GE 5000	51.9	64.5	65.5	65.8	66.2	66.2	66.3	66.7	66.7	67.0	67.0	67.1	67.2	67.6	68.4
GE 4500	52.2	64.9	65.8	66.1	66.6	66.6	66.7	67.0	67.0	67.3	67.3	67.4	67.5	67.9	68.7
GE 4000	52.8	65.6	66.6	66.9	67.3	67.3	67.4	67.7	67.7	68.1	68.1	68.2	68.3	68.7	69.4
GE 3500	53.4	66.6	67.5	67.8	68.3	68.3	68.4	68.7	68.7	69.0	69.0	69.1	69.2	69.7	70.4
GE 3000	54.2	67.7	68.7	69.0	69.4	69.4	69.6	69.9	69.9	70.2	70.2	70.3	70.4	70.8	71.6
GE 2500	56.0	70.9	71.9	72.2	72.8	72.8	72.9	73.2	73.2	73.5	73.5	73.6	73.7	74.1	74.9
GE 2000	58.3	73.6	74.6	74.9	75.4	75.4	75.5	75.9	75.9	76.2	76.2	76.3	76.4	76.8	77.6
GE 1800	58.5	74.3	75.2	75.5	76.1	76.1	76.2	76.5	76.5	76.8	76.8	76.9	77.0	77.5	78.2
GE 1500	59.8	76.5	77.5	77.8	78.3	78.3	78.4	78.7	78.7	79.1	79.1	79.2	79.3	79.7	80.4
GE 1200	60.5	78.6	79.6	79.9	80.4	80.4	80.6	80.9	80.9	81.2	81.2	81.3	81.4	81.8	82.6
GE 1000	60.8	79.4	80.3	80.7	81.3	81.3	81.4	81.7	81.7	82.1	82.1	82.2	82.3	82.7	83.4
GE 900	60.9	80.3	81.5	81.8	82.5	82.5	82.6	82.9	82.9	83.2	83.2	83.3	83.4	83.9	84.6
GE 800	61.0	80.8	81.9	82.5	83.1	83.1	83.3	83.7	83.7	84.0	84.0	84.1	84.2	84.6	85.4
GE 700	61.2	81.1	82.3	82.8	83.4	83.4	83.7	84.0	84.0	84.3	84.3	84.4	84.5	84.9	85.7
GE 600	61.2	81.7	83.3	83.9	84.6	84.6	84.8	85.1	85.1	85.5	85.5	85.6	85.7	86.1	86.9
GE 500	61.2	82.5	84.3	84.8	86.0	86.0	86.3	86.6	86.6	87.0	87.0	87.1	87.2	87.6	88.5
GE 400	61.2	83.3	85.5	86.0	87.4	87.4	87.8	88.1	88.1	88.5	88.5	88.7	88.8	89.2	90.3
GE 300	61.2	83.7	86.0	86.8	88.5	88.5	89.0	89.4	89.4	89.9	89.9	90.2	90.3	90.8	92.2
GE 200	61.2	83.8	86.2	87.0	88.9	88.9	89.6	90.1	90.1	90.6	90.6	91.3	91.3	91.8	92.5
GE 100	61.2	83.8	86.2	87.0	89.0	89.0	89.7	90.3	90.3	90.9	90.9	91.5	91.5	92.4	93.7
GE 0	61.2	83.8	86.2	87.0	89.0	89.0	89.7	90.3	90.3	90.9	91.3	91.5	92.1	92.5	94.0

TOTAL NUMBER OF OBSERVATIONS: 936

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: 64-73,78,82,84
 MONTH: MAR HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES																		
	1/30	1/30	1/30	1/30	1/30	1/30	1/30	1/30	1/30	1/30									
NO CEIL	45.9	56.8	57.2	57.0	57.8	57.8	58.0	58.1	58.1	58.4	58.6	58.7	59.0	59.0	59.0	59.0	59.0	59.5	60.3
GE 20000	46.4	57.4	57.9	58.2	58.4	58.4	58.6	58.7	58.7	59.0	59.3	59.4	59.3	59.7	59.7	59.7	59.7	60.3	61.2
GE 18000	46.4	57.4	57.9	58.2	58.4	58.4	58.6	58.7	58.7	59.0	59.3	59.4	59.3	59.7	59.7	59.7	59.7	60.3	61.3
GE 16000	46.7	57.8	58.2	58.5	58.7	58.7	58.9	59.0	59.0	59.4	59.6	59.7	59.6	60.0	60.0	60.0	60.0	60.6	61.6
GE 14000	47.2	58.3	58.7	59.0	59.3	59.3	59.5	59.6	59.6	59.9	60.1	60.2	60.1	60.5	60.5	60.5	60.5	61.2	62.1
GE 12000	48.6	59.8	60.2	60.5	60.9	61.0	61.2	61.3	61.3	61.6	61.8	61.9	61.8	62.2	62.2	62.2	62.2	62.9	63.8
GE 10000	48.8	60.0	60.4	60.7	61.1	61.2	61.4	61.5	61.5	61.8	62.0	62.1	62.0	62.4	62.4	62.4	62.4	63.1	64.0
GE 9000	49.1	60.3	60.7	61.1	61.4	61.5	61.7	61.8	61.8	62.1	62.3	62.4	62.3	62.8	62.8	62.8	62.8	63.4	64.4
GE 8000	49.3	60.4	60.9	61.2	61.5	61.6	61.8	61.9	61.9	62.2	62.4	62.5	62.4	62.9	62.9	62.9	62.9	63.5	64.5
GE 7000	50.1	61.6	62.0	62.3	62.7	62.8	63.1	63.1	63.1	63.4	63.6	63.7	63.6	64.0	64.0	64.0	64.0	64.7	65.6
GE 6000	51.0	62.9	63.3	63.6	63.9	64.0	64.3	64.4	64.4	64.7	64.9	65.0	64.9	65.3	65.3	65.3	65.3	66.0	66.9
GE 5000	51.3	63.5	63.9	64.3	64.6	64.7	64.9	65.0	65.0	65.3	65.5	65.6	65.5	66.0	66.0	66.0	66.0	66.6	67.6
GE 4500	51.6	64.0	64.5	64.8	65.1	65.2	65.4	65.5	65.5	65.9	66.1	66.2	66.1	66.5	66.5	66.5	66.5	67.1	68.1
GE 4000	52.3	64.8	65.2	65.5	65.9	66.0	66.2	66.3	66.3	66.6	66.8	66.9	66.8	67.2	67.2	67.2	67.2	67.9	68.8
GE 3500	53.2	66.2	66.6	66.9	67.2	67.3	67.6	67.7	67.7	68.0	68.2	68.3	68.2	68.6	68.6	68.6	68.6	69.3	70.2
GE 3000	53.6	66.9	67.3	67.7	68.0	68.1	68.3	68.4	68.4	68.7	68.9	69.0	68.9	69.4	69.4	69.4	69.4	70.0	71.0
GE 2500	55.5	69.4	69.8	70.1	70.4	70.5	70.7	70.9	70.9	71.2	71.4	71.5	71.4	71.8	71.8	71.8	71.8	72.4	73.4
GE 2000	56.2	71.2	71.6	71.9	72.2	72.3	72.6	72.7	72.7	73.0	73.2	73.3	73.2	73.6	73.6	73.6	73.6	74.3	75.2
GE 1800	57.1	72.8	73.2	73.5	73.8	73.9	74.1	74.3	74.3	74.6	74.8	74.9	74.8	75.2	75.2	75.2	75.2	75.9	76.8
GE 1500	58.3	74.8	75.2	75.7	76.1	76.2	76.4	76.5	76.5	76.8	77.0	77.1	77.0	77.4	77.4	77.4	77.4	78.1	79.0
GE 1200	59.0	76.6	77.1	77.7	78.0	78.1	78.3	78.4	78.4	78.7	78.9	79.0	78.9	79.4	79.4	79.4	79.4	80.0	81.0
GE 1000	59.7	77.3	77.9	78.5	78.9	79.0	79.3	79.4	79.4	79.7	79.9	80.0	80.3	80.3	80.3	80.3	80.3	81.0	81.9
GE 900	59.8	78.1	78.6	79.3	79.7	79.8	80.1	80.2	80.2	80.5	80.7	80.9	81.2	81.2	81.2	81.2	81.2	81.8	82.8
GE 800	60.0	78.7	79.4	80.0	80.5	80.6	81.0	81.1	81.1	81.4	81.6	81.7	82.0	82.0	82.0	82.0	82.0	82.7	83.6
GE 700	60.2	79.6	80.3	81.1	81.7	81.8	82.1	82.2	82.2	82.6	82.8	82.9	83.2	83.2	83.2	83.2	83.2	83.8	84.8
GE 600	60.3	80.3	81.1	81.8	82.4	82.6	82.9	83.0	83.0	83.3	83.5	83.6	83.9	83.9	83.9	83.9	83.9	84.6	85.5
GE 500	60.3	80.5	81.3	82.0	82.9	83.0	83.3	83.4	83.4	83.7	83.9	84.0	84.4	84.4	84.4	84.4	84.4	85.0	86.0
GE 400	60.3	80.5	81.3	82.0	83.4	83.5	84.0	84.4	84.4	84.8	85.0	85.2	85.5	85.5	85.5	85.5	85.5	86.2	87.3
GE 300	60.3	80.7	82.1	83.7	84.9	85.0	86.1	86.6	86.6	87.0	87.2	87.4	88.0	88.0	88.0	88.0	88.0	88.6	90.0
GE 200	60.3	80.7	82.3	84.0	85.3	85.4	86.7	87.3	87.3	87.9	88.6	88.8	89.7	89.7	89.7	89.7	89.7	90.0	93.4
GE 100	60.3	80.7	82.3	84.0	85.3	85.4	86.8	87.4	87.4	88.1	88.9	89.3	90.2	90.2	90.2	90.2	90.5	92.7	98.5
GE 01	60.3	80.7	82.3	84.0	85.3	85.4	86.8	87.4	87.4	88.1	88.9	89.3	90.3	90.3	90.3	90.3	90.6	92.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 940

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-84
 MONTH: MAR HOURS(LST): 0600-0800

CEILING	VISIBILITY IN STATUTE MILES																
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	
NO CEIL	46.6	52.6	53.6	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.1	54.1	54.3	54.3	54.9	55.9
GE 20000	49.1	55.6	56.1	56.6	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.2	57.2	57.4	57.4	57.9	58.9
GE 18000	49.3	55.8	56.3	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.5	57.5	57.8	57.8	58.3	59.3
GE 16000	49.5	56.1	56.5	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.7	57.7	58.0	58.0	58.5	59.5
GE 14000	50.3	56.9	57.3	58.1	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.8	58.8	59.3	60.4
GE 12000	50.9	57.6	58.1	58.8	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.5	59.5	60.1	61.1
GE 10000	52.3	59.1	59.5	60.3	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.7	60.7	61.0	61.0	61.5	62.6
GE 9000	52.6	59.4	59.8	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.3	61.3	61.8	62.9
GE 8000	52.8	59.6	60.1	60.8	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.5	61.5	62.1	63.1
GE 7000	53.2	60.1	60.5	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.7	61.7	62.0	62.0	62.5	63.5
GE 6000	53.2	60.2	60.7	61.4	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	62.1	62.1	62.7	63.7
GE 5000	54.6	61.8	62.2	63.0	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.7	63.7	64.2	65.3
GE 4500	55.4	62.8	63.3	64.1	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.8	64.8	65.3	66.4
GE 4000	56.3	63.8	64.4	65.1	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.6	65.6	65.9	65.9	66.4	67.4
GE 3500	57.2	65.1	65.7	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.9	66.9	67.2	67.2	67.7	68.7
GE 3000	58.6	67.2	67.9	68.6	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.6	69.6	70.2	71.2
GE 2500	60.9	70.7	71.4	72.3	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	73.2	73.2	73.7	74.8
GE 2000	62.4	73.4	74.2	75.1	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.9	75.9	76.2	76.2	76.8	77.9
GE 1800	62.9	74.2	75.0	76.2	76.5	76.7	76.8	76.8	76.8	76.8	76.8	77.0	77.0	77.3	77.3	78.0	79.0
GE 1500	63.9	76.8	77.7	79.0	79.5	79.7	79.8	79.8	79.8	79.8	79.8	80.0	80.0	80.3	80.3	80.9	82.0
GE 1200	64.5	77.7	78.8	80.4	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.7	81.7	82.4	83.4
GE 1000	64.9	78.9	80.0	81.7	82.3	82.5	82.7	82.7	82.7	82.7	82.7	82.9	82.9	83.1	83.1	83.8	84.9
GE 900	64.9	79.4	80.5	82.3	83.1	83.2	83.4	83.4	83.4	83.4	83.4	83.6	83.6	83.9	83.9	84.6	85.6
GE 800	65.0	79.7	81.1	82.9	83.7	83.9	84.1	84.1	84.1	84.1	84.1	84.3	84.3	84.6	84.6	85.2	86.3
GE 700	65.1	79.9	81.5	83.4	84.3	84.5	84.8	84.9	84.9	84.9	84.9	85.0	85.1	85.4	85.4	86.0	87.1
GE 600	65.2	80.1	82.0	83.8	84.8	85.0	85.4	85.5	85.5	85.5	85.5	85.7	85.8	86.1	86.1	86.8	87.8
GE 500	65.3	80.4	82.6	84.6	85.7	86.0	86.6	86.9	86.9	86.9	86.9	87.2	87.4	87.7	87.7	88.4	89.5
GE 400	65.3	80.8	83.2	85.6	87.1	87.5	88.3	88.6	88.9	89.2	89.4	89.5	89.5	89.8	89.8	90.6	91.7
GE 300	65.3	80.8	83.3	85.8	87.7	88.1	89.0	89.5	89.9	90.2	90.5	90.8	91.1	91.2	91.2	91.9	93.2
GE 200	65.3	81.0	83.4	86.0	88.0	88.6	89.5	90.6	91.1	91.5	91.8	92.3	92.5	92.5	94.1	96.4	
GE 100	65.3	81.0	83.4	86.1	88.1	88.6	89.6	90.3	90.8	91.2	91.7	92.0	92.4	92.7	94.7	99.6	
GE 0	65.3	81.0	83.4	86.1	88.1	88.6	89.6	90.3	90.8	91.2	91.7	92.0	92.4	92.7	94.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 1347

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: 64-84
 MONTH: MAR HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1					
	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
NO CEIL	52.0	57.0	57.5	57.8	58.0	58.0	58.1	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.4
6E 20000	56.0	61.9	62.7	63.1	63.4	63.4	63.4	63.5	63.6	63.6	63.7	63.7	63.7	63.7	63.8
6E 18000	56.4	62.3	63.0	63.5	63.8	63.8	63.8	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.2
6E 16000	56.5	62.4	63.2	63.7	63.9	63.9	64.0	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3
6E 14000	57.2	63.2	64.0	64.5	64.7	64.8	64.8	64.9	65.0	65.0	65.1	65.1	65.1	65.1	65.1
6E 12000	58.3	64.6	65.3	65.9	66.1	66.1	66.2	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.5
6E 10000	60.0	66.7	67.6	68.2	68.4	68.4	68.4	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.8
6E 9000	60.2	66.8	67.8	68.3	68.6	68.6	68.6	68.7	68.8	68.8	68.9	68.9	68.9	68.9	69.0
6E 8000	61.1	67.8	68.7	69.3	69.5	69.5	69.6	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9
6E 7000	61.4	68.3	69.3	69.9	70.1	70.1	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.5
6E 6000	61.9	68.8	69.6	70.4	70.6	70.6	70.7	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.0
6E 5000	63.5	70.5	71.5	72.0	72.3	72.3	72.3	72.4	72.5	72.6	72.6	72.6	72.6	72.7	72.7
6E 4500	64.7	72.3	73.3	73.9	74.1	74.1	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.5	74.5
6E 4000	65.6	73.4	74.4	75.0	75.2	75.2	75.2	75.4	75.4	75.5	75.5	75.5	75.5	75.6	75.6
6E 3500	66.4	74.5	75.6	76.2	76.4	76.4	76.5	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8
6E 3000	68.2	77.2	78.4	79.0	79.2	79.2	79.3	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6
6E 2500	69.4	78.8	80.3	81.0	81.2	81.2	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.6	81.6
6E 2000	71.2	81.2	82.7	83.9	84.2	84.2	84.2	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.6
6E 1800	71.8	82.2	83.7	85.0	85.2	85.2	85.2	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.6
6E 1500	73.5	85.0	86.6	87.9	88.3	88.3	88.3	88.5	88.6	88.6	88.7	88.7	88.7	88.7	88.7
6E 1200	74.6	86.6	88.5	90.0	90.4	90.4	90.5	90.7	90.7	90.8	90.9	90.9	90.9	90.9	90.9
6E 1000	74.7	87.8	89.8	91.4	91.9	92.0	92.2	92.3	92.4	92.5	92.5	92.5	92.5	92.6	92.6
6E 900	74.8	88.5	90.6	92.4	93.0	93.1	93.3	93.5	93.5	93.6	93.7	93.7	93.7	93.7	93.7
6E 800	74.8	88.7	90.9	93.0	93.5	93.7	93.9	94.2	94.2	94.3	94.3	94.3	94.3	94.4	94.4
6E 700	74.8	89.0	91.2	93.4	94.1	94.2	94.4	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9
6E 600	74.9	89.5	91.8	94.1	94.8	94.9	95.2	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7
6E 500	75.0	89.9	92.3	95.0	96.0	96.1	96.6	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1
6E 400	75.1	90.0	92.5	95.3	96.4	96.6	97.1	97.4	97.5	97.6	97.7	97.8	97.8	97.8	97.8
6E 300	75.1	90.1	92.6	95.6	96.7	97.0	97.6	98.3	98.5	98.7	98.8	98.9	99.1	99.2	99.3
6E 200	75.1	90.1	92.6	95.5	96.7	97.0	97.7	98.5	98.6	98.9	99.0	99.1	99.3	99.6	99.9
6E 100	75.1	90.1	92.6	95.5	96.7	97.0	97.7	98.5	98.6	98.9	99.0	99.1	99.3	99.6	99.9
6E 01	75.1	90.1	92.6	95.5	96.7	97.0	97.7	98.5	98.6	98.9	99.0	99.1	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 1749

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOUPLY OBSERVATIONS

PERIOD OF RECORD: 64-84

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA
MONTH: MAR HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	55.4	60.9	61.3	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 20000	60.2	66.6	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 18000	60.6	67.4	67.6	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 16000	60.8	67.7	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 14000	61.4	68.4	68.9	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 12000	62.3	69.4	69.9	70.0	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 10000	64.1	71.6	72.1	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 9000	64.1	71.7	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 8000	65.1	72.7	73.1	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	65.7	73.4	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 6000	66.2	73.9	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 5000	67.5	75.4	75.8	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 4500	68.5	76.6	77.1	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 4000	69.4	78.1	78.7	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 3500	70.2	79.1	79.6	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 3000	71.7	81.0	81.7	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 2500	73.4	82.9	83.8	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 2000	74.7	85.0	86.2	86.7	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1800	75.4	86.0	87.1	87.7	88.1	88.2	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4
GE 1500	77.2	88.4	89.7	90.4	90.9	91.1	91.3	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 1200	78.2	90.2	91.7	92.5	93.1	93.3	93.4	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1000	78.5	91.1	92.7	93.7	94.4	94.6	94.7	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 900	78.5	91.3	92.9	94.0	94.6	94.9	94.9	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 800	78.6	91.7	93.3	94.6	95.3	95.6	95.6	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 700	78.7	92.1	93.6	95.3	96.1	96.3	96.4	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 600	78.8	92.3	94.1	95.9	97.0	97.2	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	78.8	92.5	94.5	96.4	98.0	98.2	98.4	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	78.9	92.5	94.5	96.6	98.6	99.0	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	78.9	92.6	94.6	96.7	98.6	99.0	99.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	78.9	92.6	94.6	96.7	98.6	99.0	99.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	78.9	92.6	94.6	96.7	98.6	99.0	99.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 01	78.9	92.6	94.6	96.7	98.6	99.0	99.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 1738

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: 64-84
MONTH: MAR HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	52.5	57.9	58.6	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 20000	56.2	62.2	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 18000	56.8	62.8	63.5	63.8	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 16000	57.7	63.7	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 14000	58.7	65.0	65.8	66.1	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 12000	59.5	66.3	67.1	67.5	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 10000	60.9	68.1	69.0	69.3	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 9000	61.0	68.2	69.2	69.5	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 8000	61.6	69.0	70.0	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 7000	62.2	69.7	70.8	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 6000	62.5	70.1	71.2	71.6	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 5000	63.3	71.3	72.3	72.7	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 4500	63.8	71.9	72.9	73.3	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 4000	65.0	73.5	74.6	75.0	75.0	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 3500	66.0	74.6	75.7	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 3000	66.7	76.1	77.4	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 2500	68.6	78.3	79.6	80.2	80.2	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 2000	70.4	81.3	82.7	83.6	83.7	83.8	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1800	71.1	82.1	83.7	84.7	84.8	84.9	85.0	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1500	72.5	84.0	85.6	86.6	86.7	86.8	86.9	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1200	73.3	85.6	87.3	88.5	88.6	88.7	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1000	74.1	86.9	89.1	90.5	90.6	90.6	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 900	74.4	87.5	89.9	91.5	91.6	91.7	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 800	74.6	87.8	90.2	91.9	92.1	92.2	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 700	74.9	88.4	90.9	92.7	92.9	93.1	93.3	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 600	75.3	89.1	92.0	93.9	94.2	94.5	94.8	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 500	75.4	89.5	92.5	94.8	95.5	95.8	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 400	75.4	89.6	92.7	95.4	96.4	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 300	75.4	89.6	92.8	95.5	96.4	97.1	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 200	75.4	89.6	92.8	95.5	96.4	97.1	97.7	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 100	75.4	89.6	92.8	95.5	96.4	97.1	97.7	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 01	75.4	89.6	92.8	95.5	96.4	97.1	97.7	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS: 1731

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: 64-76,78,80-84
MONTH: MAR HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	U
NO CEIL	47.4	56.3	56.4	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.1	57.1
GE 20000	48.7	58.3	58.4	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.1	59.3
GE 18000	49.3	58.8	59.0	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.8
GE 16000	49.6	59.3	59.5	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.1	60.3
GE 14000	50.6	61.1	61.3	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	62.0	62.2
GE 12000	52.1	62.8	63.0	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6	63.6	63.6	63.7	63.9
GE 10000	53.2	64.0	64.2	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.9	65.1
GE 9000	53.2	64.1	64.3	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	65.0	65.2
GE 8000	53.7	64.6	64.7	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.5	65.5	65.5	65.6	65.8
GE 7000	54.5	65.4	65.6	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.3	66.3	66.3	66.4	66.6
GE 6000	55.1	66.3	66.5	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.3	67.3	67.3	67.3	67.5
GE 5000	55.4	66.6	66.8	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.5	67.5	67.5	67.6	67.8
GE 4500	55.9	67.3	67.5	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.3	68.3	68.4	68.6
GE 4000	56.4	67.9	68.1	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.8	68.8	68.9	69.1
GE 3500	57.0	68.6	68.8	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.6	69.6	69.7	69.9
GE 3000	57.6	69.5	69.9	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.5	70.5	70.6	70.6	70.7	70.9
GE 2500	58.9	71.7	72.1	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.9	72.9	73.0	73.2
GE 2000	60.6	74.2	74.6	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.5	75.5	75.6	75.8
GE 1800	61.1	75.4	75.8	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.7	76.7	76.8	77.0
GE 1500	62.0	76.8	77.2	77.6	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.2	78.2	78.3	78.5
GE 1200	63.2	79.3	79.6	80.0	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.2	81.2	81.3	81.4
GE 1000	64.3	81.1	81.5	82.6	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.1	83.2	83.2	83.3	83.5
GE 900	64.7	82.5	83.0	84.2	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.9	85.0	85.0	85.1	85.3
GE 800	65.1	83.2	83.8	85.1	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.8	85.9	85.9	86.0	86.2
GE 700	65.5	84.2	84.9	86.3	86.9	86.9	86.9	86.9	87.0	87.1	87.1	87.2	87.3	87.3	87.4	87.6
GE 600	65.6	84.5	85.2	86.5	87.3	87.3	87.3	87.3	87.5	87.7	87.7	87.8	87.8	87.8	87.9	88.1
GE 500	65.6	85.0	85.6	88.0	88.8	88.8	88.8	88.8	89.1	89.3	89.3	89.4	89.5	89.6	89.7	89.9
GE 400	65.7	85.3	86.3	89.3	90.3	90.5	90.8	91.1	91.1	91.1	91.2	91.2	91.4	91.5	91.6	91.7
GE 300	65.7	85.4	86.4	89.7	90.9	91.4	92.7	92.7	92.7	92.7	92.9	93.1	93.2	93.3	93.4	93.8
GE 200	65.7	85.4	86.4	89.8	91.2	91.7	92.8	94.0	94.0	94.0	94.4	94.8	95.0	95.3	95.6	97.9
GE 100	65.7	85.4	86.4	89.8	91.2	91.7	92.8	94.1	94.1	94.1	94.6	95.1	95.3	95.6	96.0	100.0
GE 01	65.7	85.4	86.4	89.8	91.2	91.7	92.8	94.1	94.1	94.1	94.6	95.1	95.3	95.6	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 1078

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 723930 STATION NAME: VANDELBERG AFB CA

PERIOD OF RECORD: 64-74,76,82,84
 MONTH: MAR HOURS(LST): 2100-2300

CEILING	VISIBILITY IN STATUTE MILES													
	1	2	3	4	5	6	7	8	9	10	1/2	1/4		
NO CEIL	49.8	55.6	55.8	56.1	56.3	56.3	56.6	56.8	56.8	56.8	56.9	56.9	57.3	57.4
GE 20000	45.6	57.1	57.4	57.6	57.6	57.6	57.9	58.1	58.1	58.2	58.2	58.2	58.6	58.7
GE 18000	45.8	57.3	57.6	57.8	57.8	57.8	58.1	58.3	58.3	58.4	58.4	58.4	58.8	58.9
GE 16000	46.4	57.9	58.2	58.4	58.4	58.4	58.7	58.9	58.9	59.0	59.0	59.0	59.4	59.5
GE 14000	47.0	58.7	59.2	59.4	59.4	59.4	59.7	59.9	59.9	60.0	60.1	60.1	60.5	60.6
GE 12000	48.2	60.0	60.2	60.5	60.7	60.7	61.0	61.2	61.3	61.4	61.4	61.4	61.8	61.9
GE 10000	49.5	61.4	61.6	61.9	62.1	62.1	62.4	62.5	62.6	62.7	62.7	62.7	63.1	63.2
GE 9000	49.5	61.4	61.6	61.9	62.1	62.1	62.4	62.5	62.6	62.7	62.7	62.7	63.1	63.2
GE 8000	49.9	61.9	62.1	62.4	62.5	62.5	62.8	63.0	63.1	63.2	63.2	63.2	63.6	63.7
GE 7000	50.3	62.5	62.7	63.0	63.2	63.2	63.5	63.7	63.8	63.9	63.9	63.9	64.3	64.4
GE 6000	51.3	63.6	63.8	64.1	64.3	64.3	64.6	64.8	64.9	65.0	65.0	65.0	65.4	65.5
GE 5000	51.7	64.0	64.2	64.5	64.7	64.7	65.0	65.2	65.3	65.4	65.4	65.4	65.8	65.9
GE 4500	52.1	64.7	64.9	65.2	65.4	65.4	65.7	65.9	66.0	66.1	66.1	66.1	66.5	66.6
GE 4000	52.3	65.0	65.2	65.5	65.7	65.7	66.0	66.2	66.3	66.4	66.4	66.4	66.8	66.9
GE 3500	52.9	66.2	66.4	66.7	66.9	66.9	67.2	67.4	67.5	67.6	67.6	67.6	68.0	68.1
GE 3000	53.4	67.2	67.4	67.7	67.9	67.9	68.2	68.4	68.5	68.6	68.6	68.6	69.0	69.1
GE 2500	54.9	69.5	69.7	70.1	70.3	70.3	70.6	70.8	70.9	71.0	71.0	71.0	71.4	71.5
GE 2000	57.2	72.9	73.3	73.8	74.0	74.0	74.3	74.5	74.6	74.7	74.7	74.7	75.1	75.2
GE 1800	58.2	74.3	74.7	75.2	75.4	75.4	75.7	75.9	76.0	76.1	76.1	76.1	76.5	76.6
GE 1500	59.1	75.7	76.2	76.7	76.9	76.9	77.2	77.4	77.6	77.7	77.7	77.7	78.1	78.2
GE 1200	60.0	78.5	79.0	79.5	79.7	79.7	80.0	80.2	80.4	80.5	80.5	80.5	80.9	81.0
GE 1000	60.9	80.2	80.7	81.3	81.5	81.5	81.8	82.0	82.2	82.3	82.3	82.3	82.7	82.8
GE 900	61.1	81.3	81.9	82.6	82.8	82.8	83.1	83.3	83.5	83.6	83.6	83.6	84.0	84.1
GE 800	61.2	81.8	82.4	83.1	83.3	83.3	83.6	83.8	84.0	84.1	84.1	84.1	84.5	84.6
GE 700	61.7	82.9	83.5	84.2	84.4	84.4	84.7	84.9	85.1	85.2	85.2	85.2	85.6	85.7
GE 600	61.8	83.6	84.4	85.1	85.5	85.5	85.8	86.0	86.2	86.3	86.3	86.3	86.7	86.8
GE 500	62.0	84.3	85.5	86.5	87.2	87.2	87.5	87.6	87.8	87.9	87.9	87.9	88.3	88.4
GE 400	62.1	85.1	86.9	88.0	88.8	89.0	89.6	89.8	90.1	90.2	90.2	90.2	90.6	90.7
GE 300	62.1	85.3	87.2	88.4	89.3	89.5	90.0	90.8	91.1	91.5	91.6	91.6	92.0	92.2
GE 200	62.1	85.3	87.3	88.7	89.7	89.9	90.6	91.5	92.1	92.8	93.0	93.2	94.1	95.7
GE 100	62.1	85.3	87.3	88.7	89.7	89.9	90.6	91.5	91.9	92.5	93.7	94.0	96.0	99.4
GE 01	62.1	85.3	87.3	88.7	89.7	89.9	90.6	91.5	91.9	92.5	93.7	94.0	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 1004

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

STATION NUMBER: 72390 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-84
 MONTH: MAR HOURS(DST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES										NO CEIL					
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1		3/4	5/8	1/2	5/16	1/4
GE 20000	49.7	57.0	57.5	57.8	58.0	56.0	58.0	58.1	58.1	58.1	58.2	58.3	58.3	58.3	58.5	58.8
GE 18000	52.4	60.3	60.8	61.2	61.4	61.4	61.4	61.5	61.5	61.5	61.6	61.7	61.8	61.8	62.0	62.3
GE 16000	53.7	60.7	61.2	61.6	61.8	61.8	61.9	61.9	62.0	62.0	62.0	62.1	62.2	62.2	62.4	62.7
GE 14000	53.8	62.1	62.7	63.0	63.2	63.2	63.3	63.4	63.4	63.5	63.5	63.5	63.6	63.6	63.9	64.2
GE 12000	54.9	63.3	63.9	64.3	64.5	64.5	64.5	64.6	64.6	64.7	64.8	64.8	64.9	64.9	65.1	65.4
GE 10000	56.2	64.9	65.5	65.9	66.1	66.1	66.1	66.2	66.3	66.3	66.3	66.4	66.5	66.5	66.7	67.0
GE 9000	56.3	65.0	65.6	66.0	66.3	66.3	66.3	66.4	66.4	66.4	66.5	66.6	66.7	66.7	66.9	67.2
GE 8000	56.9	65.7	66.3	66.7	66.9	66.9	67.0	67.0	67.1	67.1	67.2	67.2	67.3	67.3	67.5	67.9
GE 7000	57.4	66.4	67.0	67.4	67.6	67.6	67.7	67.8	67.8	67.9	67.9	68.0	68.0	68.1	68.3	68.6
GE 6000	58.0	67.1	67.7	68.1	68.3	68.3	68.4	68.5	68.5	68.6	68.6	68.7	68.7	68.7	69.0	69.3
GE 5000	58.9	68.1	68.8	69.2	69.4	69.4	69.4	69.5	69.6	69.7	69.7	69.7	69.8	69.8	70.0	70.4
GE 4500	59.6	69.1	69.7	70.2	70.4	70.4	70.4	70.5	70.5	70.6	70.6	70.7	70.8	70.8	71.0	71.3
GE 4000	60.4	70.1	70.8	71.2	71.4	71.5	71.5	71.6	71.6	71.7	71.8	71.8	71.9	71.9	72.1	72.4
GE 3500	61.2	71.2	72.0	72.4	72.6	72.6	72.7	72.7	72.8	72.9	72.9	72.9	73.0	73.0	73.2	73.6
GE 3000	62.3	72.9	73.7	74.1	74.3	74.4	74.4	74.5	74.5	74.6	74.7	74.7	74.8	74.8	75.0	75.3
GE 2500	63.9	75.2	76.1	76.6	76.8	76.9	76.9	77.0	77.0	77.2	77.2	77.2	77.3	77.3	77.5	77.8
GE 2000	65.6	77.8	78.6	79.4	79.7	79.8	79.9	80.0	80.0	80.1	80.2	80.2	80.3	80.3	80.5	80.8
GE 1800	66.2	78.8	79.8	80.6	80.9	80.9	81.0	81.1	81.1	81.2	81.3	81.3	81.4	81.4	81.6	82.0
GE 1500	67.6	80.9	82.0	82.9	83.2	83.3	83.4	83.5	83.5	83.7	83.7	83.7	83.8	83.8	84.1	84.4
GE 1200	68.5	82.8	84.0	85.0	85.4	85.4	85.5	85.7	85.7	85.8	85.9	85.9	86.0	86.0	86.2	86.6
GE 1000	69.0	84.0	85.3	86.4	86.9	87.0	87.1	87.2	87.2	87.4	87.4	87.5	87.5	87.6	87.8	88.1
GE 900	69.2	84.7	86.1	87.3	87.8	87.9	88.1	88.2	88.2	88.3	88.4	88.4	88.5	88.5	88.8	89.1
GE 800	69.3	85.1	86.5	87.9	88.5	88.6	88.7	88.9	88.9	89.0	89.1	89.1	89.2	89.2	89.5	89.8
GE 700	69.5	85.6	87.0	88.6	89.3	89.4	89.6	89.7	89.7	89.9	89.9	90.0	90.1	90.1	90.3	90.6
GE 600	69.6	86.1	87.9	89.4	90.1	90.2	90.5	90.7	90.7	90.8	90.9	90.9	91.0	91.0	91.3	91.6
GE 500	69.7	86.5	88.4	90.3	91.3	91.4	91.8	92.0	92.1	92.2	92.3	92.3	92.4	92.4	92.7	93.0
GE 400	69.7	86.8	88.9	91.0	92.2	92.6	93.0	93.3	93.4	93.6	93.7	93.8	93.9	93.9	94.2	94.5
GE 300	69.8	86.9	89.1	91.4	92.7	93.1	93.7	94.3	94.6	94.8	94.9	95.1	95.1	95.1	95.4	95.9
GE 200	69.8	86.9	89.2	91.5	92.9	93.3	94.0	94.7	94.9	95.2	95.6	95.7	96.0	96.1	96.7	97.8
GE 100	69.8	86.9	89.2	91.5	92.9	93.3	94.1	94.8	94.9	95.3	95.8	95.9	96.2	96.4	97.3	99.7
GE 0	69.8	86.9	89.2	91.5	92.9	93.3	94.1	94.8	94.9	95.3	95.8	95.9	96.2	96.4	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 10523

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 64-73,62-83

MONTH: APR HOURS(1ST): 0000-0200

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

CEILING VISIBILITY IN STATUTE MILES

IN FEET	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	44.6	56.5	57.1	57.1	57.1	57.1	57.4	57.4	57.4	57.4	57.6	58.0	58.0	58.1	58.6	59.7
GE 20000	45.0	57.4	58.0	58.0	58.0	58.0	58.3	58.3	58.3	58.5	58.5	58.8	58.8	59.0	59.5	60.6
GE 18000	45.0	57.4	58.0	58.0	58.0	58.0	58.3	58.3	58.3	58.5	58.5	58.8	58.8	59.0	59.5	60.6
GE 16000	45.4	57.7	58.3	58.3	58.3	58.3	58.6	58.6	58.6	58.8	59.2	59.2	59.2	59.3	59.8	61.0
GE 14000	45.6	58.0	58.5	58.5	58.5	58.5	58.8	58.8	58.8	59.1	59.4	59.4	59.4	59.5	60.1	61.2
GE 12000	45.8	58.2	58.7	58.7	58.7	58.7	59.1	59.1	59.1	59.3	59.6	59.6	59.6	59.7	60.3	61.4
GE 10000	46.3	59.0	59.5	59.5	59.5	59.5	59.8	59.8	59.8	60.1	60.4	60.4	60.4	60.5	61.1	62.2
GE 9000	46.3	59.1	59.6	59.6	59.6	59.6	60.0	60.0	60.0	60.2	60.5	60.5	60.5	60.6	61.2	62.3
GE 8000	46.5	59.5	60.1	60.1	60.1	60.1	60.4	60.4	60.4	60.6	61.0	61.0	61.0	61.1	61.6	62.7
GE 7000	46.9	60.0	60.5	60.5	60.5	60.5	60.8	60.8	60.8	61.1	61.4	61.4	61.4	61.5	62.1	63.2
GE 6000	47.1	60.2	60.7	60.7	60.7	60.7	61.1	61.1	61.1	61.3	61.6	61.6	61.6	61.7	62.3	63.4
GE 5000	48.2	61.4	61.9	61.9	61.9	61.9	62.3	62.3	62.3	62.5	62.8	62.8	62.8	62.9	63.5	64.6
GE 4500	48.8	61.9	62.5	62.5	62.5	62.5	62.8	62.8	62.8	63.1	63.4	63.4	63.4	63.5	64.0	65.2
GE 4000	50.1	63.5	64.0	64.0	64.0	64.0	64.4	64.4	64.4	64.6	64.9	64.9	64.9	65.0	65.6	66.7
GE 3500	51.0	64.5	65.0	65.0	65.0	65.0	65.4	65.4	65.4	65.6	65.9	65.9	65.9	66.0	66.6	67.7
GE 3000	52.2	66.0	66.6	66.6	66.6	66.6	66.9	66.9	66.9	67.1	67.5	67.5	67.5	67.6	68.1	69.2
GE 2500	53.4	68.4	69.1	69.1	69.1	69.1	69.5	69.5	69.5	69.7	70.0	70.0	70.0	70.1	70.7	71.8
GE 2000	54.5	70.6	71.6	71.6	71.6	71.6	71.9	71.9	71.9	72.1	72.5	72.5	72.5	72.6	73.1	74.2
GE 1800	55.3	71.8	72.8	72.8	72.8	72.8	73.1	73.1	73.1	73.3	73.7	73.7	73.7	73.8	74.3	75.4
GE 1500	55.9	73.2	74.7	74.7	74.7	74.7	75.2	75.2	75.2	75.4	75.8	75.8	75.8	75.9	76.4	77.5
GE 1200	56.4	75.1	76.5	76.5	76.5	76.5	77.1	77.1	77.1	77.3	77.7	77.7	77.7	77.8	78.3	79.4
GE 1000	56.5	76.0	77.4	77.4	77.4	77.4	78.0	78.0	78.0	78.2	78.5	78.5	78.5	78.7	79.2	80.3
GE 900	56.7	76.7	78.1	78.1	78.1	78.1	78.9	78.9	78.9	79.1	79.4	79.4	79.4	79.5	80.1	81.2
GE 800	57.1	78.0	79.5	79.5	79.5	79.5	80.5	80.5	80.5	80.8	81.1	81.1	81.1	81.2	81.7	82.9
GE 700	57.5	79.5	81.2	81.2	81.2	81.2	82.4	82.4	82.4	82.6	83.1	83.1	83.1	83.2	83.7	84.8
GE 600	57.7	80.6	82.4	82.4	82.4	82.4	83.6	83.6	83.6	84.0	84.4	84.4	84.4	84.5	85.1	86.2
GE 500	57.9	81.6	83.4	83.4	83.4	83.4	85.1	85.1	85.1	85.4	85.8	85.8	85.8	86.0	86.5	87.7
GE 400	57.9	83.2	85.2	85.2	85.2	85.2	87.4	87.4	87.4	87.5	88.2	88.2	88.2	88.3	88.8	90.0
GE 300	57.9	83.7	85.7	85.7	85.7	85.7	88.9	88.9	88.9	89.3	89.7	89.7	89.7	90.3	90.9	92.3
GE 200	57.9	83.8	85.8	85.8	85.8	85.8	89.4	89.4	89.4	90.2	91.6	91.6	91.6	92.1	93.5	96.0
GE 100	57.9	83.8	85.6	85.6	85.6	85.6	88.7	88.7	88.7	89.5	91.5	91.5	91.5	92.0	93.5	99.1
GE 01	57.9	83.8	85.8	87.4	88.7	86.8	89.5	90.4	90.5	91.5	92.0	92.3	92.7	92.9	95.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 904

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: 64-73,82-83
 MONTH: APR HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	10	GE	6	GE	5	GE	4	GE	3	2	1/2	1	3/4	5/8	1/2	5/16	1/4	GE
NO CEIL	42.1	51.1	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.5	52.8	52.9	53.0	53.7	54.0
6E 20000	43.1	52.1	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.5	53.8	53.9	54.0	54.7	55.0
6E 18000	43.1	52.1	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.5	53.8	53.9	54.0	54.7	55.0
6E 16000	43.1	52.4	53.3	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.7	53.7	53.9	54.1	54.2	54.3	55.0	55.3
6E 14000	43.2	52.5	53.4	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8	54.0	54.2	54.3	54.4	55.1	55.4
6E 12000	43.2	52.5	53.4	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8	54.0	54.2	54.3	54.4	55.1	55.4
6E 10000	43.6	53.1	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.5	54.8	54.9	55.0	55.7	56.0
6E 9000	43.7	53.3	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.5	54.5	54.8	55.0	55.1	55.2	55.9	56.2
6E 8000	43.9	53.9	54.8	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.3	55.5	55.7	55.8	56.4	56.8
6E 7000	44.7	54.7	55.5	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.9	55.9	56.1	56.3	56.4	56.5	57.2	57.5
6E 6000	45.7	55.9	56.6	56.6	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.3	57.5	57.6	57.8	58.4	58.8
6E 5000	47.5	57.6	58.5	58.5	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9	59.1	59.3	59.4	59.5	60.2	60.5
6E 4500	48.8	59.0	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.4	60.6	60.8	60.9	61.5	61.9
6E 4000	50.1	60.4	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.9	62.1	62.2	62.3	63.0	63.3
6E 3500	50.4	61.3	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.5	62.7	63.0	63.1	63.2	63.9	64.2
6E 3000	51.8	63.3	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.7	65.0	65.1	65.2	65.9	66.2
6E 2500	53.2	65.5	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.9	66.9	67.1	67.3	67.4	67.5	68.2	68.5
6E 2000	54.4	67.7	68.8	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.4	69.6	69.7	69.8	70.5	70.8
6E 1800	54.8	68.6	69.7	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.4	70.6	70.7	70.8	71.5	71.8
6E 1500	55.8	70.6	71.8	71.8	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.6	72.8	72.9	73.1	73.7	74.1
6E 1200	56.8	72.5	73.9	73.9	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.7	74.9	75.1	75.2	75.8	76.2
6E 1000	57.0	73.3	74.9	74.9	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.8	76.1	76.2	76.3	76.9	77.3
6E 900	57.1	73.9	75.4	75.4	76.0	76.0	76.0	76.0	76.0	76.0	76.7	76.7	76.9	77.2	77.3	77.4	78.0	78.4
6E 800	57.3	75.2	77.4	77.4	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.5	78.7	78.9	79.0	79.2	79.8	80.2
6E 700	57.9	76.5	78.9	78.9	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.5	80.7	80.9	81.0	81.2	81.8	82.2
6E 600	58.0	77.5	79.9	79.9	81.4	81.4	81.4	81.4	81.4	81.5	81.6	81.7	81.9	82.2	82.3	82.4	83.0	83.4
6E 500	58.0	78.6	81.2	81.2	82.8	82.8	82.8	82.8	82.8	83.0	83.1	83.3	83.5	83.7	83.8	83.9	84.6	85.0
6E 400	58.0	80.5	83.4	83.4	86.3	86.3	86.3	86.3	86.3	86.5	86.9	87.1	87.4	87.6	87.7	87.8	88.5	88.9
6E 300	58.0	80.7	83.7	83.7	87.8	87.8	87.8	87.8	87.8	88.4	88.9	89.4	89.8	90.0	90.1	90.2	91.2	91.7
6E 200	58.1	80.8	83.8	83.8	88.4	88.4	88.4	88.4	88.4	89.1	89.8	90.5	91.1	91.4	91.6	91.7	93.6	95.3
6E 100	58.1	80.8	83.8	83.8	88.7	88.7	88.7	88.7	88.7	89.4	90.0	90.7	91.4	91.7	91.9	92.0	92.1	95.1
6E 0	58.1	80.8	83.8	83.8	86.7	86.7	86.7	86.7	86.7	89.4	90.0	90.7	91.4	91.7	91.9	92.1	92.2	95.3

TOTAL NUMBER OF OBSERVATIONS: 902

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDELNBURG AFB CA
 PERIOD OF RECORD: 64-84
 MONTH: APR HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES										NO CEIL								
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1		3/4	5/8	1/2	5/16	1/4	0		
GE 20000	45.9	51.3	52.2	52.9	53.4	53.7	53.8	53.8	53.8	53.8	52.2	52.2	52.2	52.4	52.4	52.5	52.7	53.2	
GE 18000	46.4	51.9	52.8	53.5	54.1	54.3	54.4	54.4	54.4	54.4	53.7	53.8	53.8	53.9	53.9	54.0	54.1	54.2	54.9
GE 16000	46.6	52.2	53.1	53.9	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.9	54.9	55.0	55.0	55.2	55.9
GE 14000	46.9	52.8	53.7	54.4	55.0	55.2	55.3	55.3	55.3	55.3	55.2	55.3	55.3	55.4	55.4	55.5	55.6	55.7	56.4
GE 12000	47.2	53.3	54.2	55.0	55.5	55.7	55.8	55.8	55.8	55.8	55.7	55.8	55.8	56.0	56.0	56.0	56.1	56.3	56.9
GE 10000	48.1	54.4	55.3	56.1	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.1	57.1	57.2	57.2	57.4	58.1
GE 9000	48.2	54.5	55.4	56.2	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.2	57.2	57.3	57.5	58.2	58.9
GE 8000	48.8	55.2	56.2	56.9	57.5	57.8	57.8	57.8	57.8	57.8	57.7	57.8	57.8	57.9	58.0	58.1	58.2	58.8	59.4
GE 7000	49.3	55.7	56.7	57.5	58.0	58.2	58.3	58.3	58.4	58.4	58.2	58.3	58.4	58.5	58.5	58.6	58.6	58.8	59.4
GE 6000	50.5	57.2	58.3	59.1	59.6	59.8	59.9	59.9	60.0	60.0	59.8	59.9	60.0	60.0	60.1	60.2	60.3	61.0	61.0
GE 5000	51.8	58.5	59.6	60.3	60.9	61.1	61.2	61.2	61.3	61.3	61.1	61.2	61.3	61.3	61.4	61.5	61.6	62.3	62.3
GE 4500	53.3	60.0	61.1	61.9	62.4	62.6	62.7	62.8	62.8	62.8	62.6	62.7	62.8	62.9	62.9	63.0	63.2	63.8	63.8
GE 4000	54.1	60.9	61.9	62.7	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.7	63.8	64.0	64.7	64.7	64.7
GE 3500	55.0	61.7	62.8	63.5	64.1	64.3	64.4	64.4	64.4	64.4	64.3	64.4	64.4	64.5	64.6	64.7	64.8	65.5	65.5
GE 3000	56.2	63.4	64.4	65.2	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.2	66.3	66.3	66.5	67.2	67.2
GE 2500	58.0	65.7	67.0	67.9	68.4	68.6	68.7	68.7	68.8	68.8	68.6	68.7	68.8	68.8	68.9	69.0	69.1	69.8	69.8
GE 2000	59.7	68.4	69.9	70.9	71.5	71.7	71.8	71.8	71.9	71.9	71.7	71.8	71.9	71.9	72.0	72.1	72.3	72.9	72.9
GE 1800	60.2	69.2	70.7	71.8	72.4	72.6	72.7	72.7	72.8	72.8	72.6	72.7	72.8	72.9	73.0	73.2	73.8	73.8	73.8
GE 1500	61.0	71.4	73.0	74.1	74.8	75.1	75.1	75.1	75.2	75.2	75.1	75.1	75.2	75.3	75.4	75.6	76.3	76.3	76.3
GE 1200	61.6	73.2	74.8	76.1	76.9	77.2	77.3	77.3	77.3	77.3	77.2	77.3	77.3	77.4	77.5	77.6	77.7	78.4	78.4
GE 1000	62.0	74.5	76.3	77.6	78.6	78.9	79.0	79.0	79.1	79.1	78.9	79.0	79.1	79.2	79.2	79.3	79.5	80.1	80.1
GE 900	62.1	75.6	77.6	79.1	80.3	80.6	80.7	80.7	80.7	80.7	80.6	80.7	80.7	80.8	80.9	81.0	81.1	81.8	81.8
GE 800	62.2	76.2	78.5	80.2	81.5	82.1	82.2	82.2	82.2	82.2	82.1	82.2	82.2	82.3	82.4	82.5	82.6	83.3	83.3
GE 700	62.2	77.0	79.7	81.7	83.1	83.9	83.9	83.9	84.0	84.0	83.9	83.9	84.0	84.1	84.2	84.2	84.4	85.1	85.1
GE 600	62.2	77.9	80.9	83.4	85.2	85.8	86.4	86.4	86.5	86.5	86.3	86.4	86.5	86.6	86.7	86.7	86.9	87.6	87.6
GE 500	62.2	78.5	81.7	84.9	87.2	87.8	88.5	88.5	88.8	88.8	88.3	88.5	88.8	89.0	89.2	89.2	89.5	90.1	90.1
GE 400	62.2	78.9	82.3	85.9	88.8	89.5	90.1	90.2	90.5	90.5	90.1	90.2	90.5	90.8	91.1	91.1	91.6	92.5	92.5
GE 300	62.2	79.0	82.4	86.3	89.2	90.1	90.8	91.1	91.6	91.6	90.8	91.1	91.6	92.0	92.5	92.8	93.5	94.5	94.5
GE 200	62.2	79.0	82.4	86.3	89.4	90.4	91.1	91.4	92.0	92.0	91.1	91.5	92.0	92.6	93.8	94.2	95.5	97.6	97.6
GE 100	62.2	79.0	82.4	86.3	89.4	90.4	91.2	91.5	92.1	92.1	91.2	91.5	92.1	92.6	93.9	94.5	96.1	99.8	99.8
GE 01	62.2	79.0	82.4	86.3	89.4	90.4	91.2	91.5	91.6	92.1	91.2	91.5	92.1	92.6	93.9	94.5	96.1	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 1319

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: 64-84
 MONTH: APR HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	52.9	61.3	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3
GE 20000	58.9	64.6	64.9	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 18000	55.0	64.3	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4
GE 16000	55.3	64.6	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8
GE 14000	56.3	65.9	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 12000	56.6	66.4	67.3	67.5	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 10000	57.5	67.3	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 9000	57.5	67.3	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 8000	57.9	67.6	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0
GE 7000	58.4	68.2	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 6000	59.1	69.0	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2
GE 5000	60.8	70.8	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 4500	61.9	72.0	72.9	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3
GE 4000	63.0	73.3	74.2	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7
GE 3500	63.6	74.0	74.9	75.1	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 3000	64.9	75.5	76.6	76.9	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 2500	66.8	77.9	79.1	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7
GE 2000	68.8	80.3	81.7	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 1800	69.6	81.7	83.2	83.5	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 1500	70.0	82.9	84.7	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5
GE 1200	70.6	84.5	86.7	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 1000	71.1	85.8	88.3	89.1	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 900	71.2	86.5	89.2	90.3	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
GE 800	71.4	87.4	90.5	91.7	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 700	71.4	87.8	91.2	92.5	93.3	93.4	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 600	71.4	88.0	91.6	93.4	94.3	94.5	94.7	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 500	71.6	88.6	92.6	94.8	96.0	96.2	96.6	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 400	71.6	88.6	92.6	95.2	96.5	96.8	97.3	97.6	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 300	71.6	88.6	92.9	95.3	96.7	97.0	97.8	98.3	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.1
GE 200	71.6	88.6	92.9	95.3	96.7	97.0	97.8	98.3	98.4	98.9	99.2	99.2	99.2	99.2	99.2	99.2
GE 100	71.6	88.6	92.9	95.3	96.7	97.0	97.8	98.3	98.4	98.9	99.2	99.2	99.2	99.2	99.2	99.2
GE 0	71.6	88.6	92.9	95.3	96.7	97.0	97.8	98.3	98.4	98.9	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS: 1674

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-84
 MONTH: APR HOURS(1ST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	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	0
NO CEIL	58.6	68.7	69.3	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 20000	61.6	72.0	72.6	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 18000	61.7	72.1	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 16000	61.8	72.3	72.9	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 14000	62.4	72.8	73.5	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 12000	62.9	73.3	74.1	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 10000	63.6	74.2	75.0	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 9000	63.7	74.4	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 8000	64.9	75.6	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 7000	65.5	76.2	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 6000	66.2	77.0	77.7	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 5000	67.6	78.5	79.2	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 4500	68.3	79.2	80.0	80.3	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 4000	69.4	80.6	81.3	81.6	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 3500	70.2	81.3	82.0	82.4	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 3000	71.2	82.4	83.4	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 2500	72.6	83.9	84.9	85.3	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2000	73.9	85.8	86.8	87.2	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 1800	74.5	87.0	88.1	88.6	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1500	75.3	88.8	90.1	90.6	91.1	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1200	76.5	90.8	92.1	92.7	93.2	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1000	77.2	92.3	93.8	94.5	95.0	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 900	77.3	92.9	94.5	95.2	95.7	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 800	77.3	93.2	94.9	95.6	96.5	96.6	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 700	77.3	93.6	95.5	96.8	97.3	97.4	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	77.3	93.7	95.7	97.3	98.1	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	77.3	93.9	96.6	97.7	98.5	98.7	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	77.3	93.9	96.1	97.9	98.9	99.1	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	77.3	93.9	96.1	98.0	98.9	99.0	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	77.3	93.9	96.1	98.0	98.9	99.0	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	77.3	93.9	96.1	98.0	98.9	99.0	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 01	77.3	93.9	96.1	98.0	98.9	99.0	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 1666

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: 64-84
 MONTH: APR HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	56.6	66.3	66.7	66.9	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 20000	59.0	68.9	69.5	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 18000	59.2	69.4	70.0	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 16000	59.3	69.6	70.1	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 14000	60.0	70.2	70.6	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 12000	60.3	70.6	71.1	71.3	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 10000	61.0	71.6	72.2	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 9000	61.3	71.9	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 8000	61.7	72.4	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 7000	62.6	73.5	74.1	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 6000	63.2	73.9	74.6	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 5000	64.0	74.7	75.4	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 4500	64.7	75.5	76.1	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 4000	65.5	76.4	77.0	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 3500	65.9	76.8	77.4	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 3000	67.2	78.3	79.1	79.3	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 2500	68.6	79.9	80.7	80.9	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 2000	69.2	80.9	81.7	82.0	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 1800	69.7	81.9	82.7	83.1	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1500	71.0	83.7	84.6	85.1	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 1200	72.5	86.5	87.7	88.2	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1000	73.3	89.1	90.5	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 900	73.6	90.2	91.8	92.6	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 800	73.7	90.7	92.5	93.6	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 700	73.7	91.5	93.4	94.6	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 600	73.8	91.8	94.2	95.5	96.1	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 500	73.8	92.1	94.4	96.3	96.9	97.0	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 400	73.8	92.3	94.8	96.6	97.3	97.4	97.6	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	73.8	92.4	94.9	96.8	97.7	97.9	98.1	98.7	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 200	73.8	92.4	94.9	96.8	97.7	97.9	98.2	98.8	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 100	73.8	92.4	94.9	96.8	97.7	97.9	98.2	98.8	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 01	73.8	92.4	94.9	96.8	97.7	97.9	98.2	98.8	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS: 1639

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDELBERG AFB CA PERIOD OF RECORD: 64-75-78-84
 MONTH: APR HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	50.1	61.4	62.3	62.4	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.9	62.9	62.9	63.1
GE 20000	51.7	63.3	64.3	64.4	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	65.1
GE 18000	51.9	63.6	64.6	64.7	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.4
GE 16000	52.4	64.1	65.1	65.2	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.9
GE 14000	52.7	64.6	65.6	65.7	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.3
GE 12000	52.8	64.7	65.7	65.8	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.4
GE 10000	53.5	65.6	66.5	66.6	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.3
GE 9000	53.8	65.9	66.8	66.9	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.6
GE 8000	54.3	66.4	67.4	67.5	67.7	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.2
GE 7000	54.7	66.8	67.8	67.9	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.6
GE 6000	55.3	67.6	68.6	68.7	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.4
GE 5000	55.8	68.2	69.2	69.3	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	70.0
GE 4500	56.6	69.1	70.0	70.2	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.9	70.9
GE 4000	56.9	70.0	70.9	71.1	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.8	71.8
GE 3500	57.4	70.4	71.4	71.6	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.3	72.3
GE 3000	58.0	71.2	72.3	72.5	72.7	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.2	73.2
GE 2500	59.4	72.9	74.0	74.1	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.8	74.8
GE 2000	60.0	74.5	75.8	76.0	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.7	76.7
GE 1800	60.4	75.1	76.4	76.6	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.3	77.3
GE 1500	61.3	76.8	78.0	78.4	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.3	79.3
GE 1200	61.8	78.3	79.6	80.0	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.9	80.9
GE 1000	62.4	80.4	81.7	82.0	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.9	82.9
GE 900	62.8	82.4	83.7	84.1	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	85.0	85.0
GE 800	63.4	83.6	85.0	85.4	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.3	86.3
GE 700	63.7	85.0	86.7	87.1	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	88.1	88.1
GE 600	63.9	86.7	88.6	89.2	89.7	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.1	90.1
GE 500	64.5	88.1	90.3	91.1	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.4	92.4
GE 400	64.5	88.9	91.2	92.5	93.5	94.1	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.6	94.6
GE 300	64.5	89.0	91.4	93.1	94.5	95.4	95.6	95.6	95.6	95.6	95.6	96.0	96.0	96.0	96.6	96.6
GE 200	64.5	89.0	91.4	93.1	94.5	95.4	95.6	95.6	95.6	95.6	95.6	96.6	96.6	96.6	97.3	97.3
GE 100	64.5	89.0	91.4	93.1	94.5	95.4	95.6	95.6	95.6	95.6	95.6	96.6	96.6	96.6	97.1	97.1
GE 01	64.5	89.0	91.4	93.1	94.5	95.4	95.6	95.6	95.6	95.6	95.6	96.6	96.6	96.6	97.1	97.1

TOTAL NUMBER OF OBSERVATIONS: 1025

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: 64-74,78-79,83-84
 MONTH: APR HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	U
NO CEIL	45.2	61.8	62.0	62.2	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6	63.0
6E 20000	45.5	62.2	62.4	62.6	62.7	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.4
6E 18000	45.5	62.2	62.4	62.6	62.7	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.4
6E 16000	45.8	62.5	62.7	63.0	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.7
6E 14000	46.1	63.0	63.2	63.4	63.5	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8	64.1	64.2
6E 12000	46.2	63.1	63.3	63.5	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	64.2	
6E 10000	47.1	63.9	64.1	64.3	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	65.0	
6E 9000	47.1	63.9	64.1	64.3	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	65.0	
6E 8000	47.7	64.5	64.7	64.9	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.6	
6E 7000	48.0	64.8	65.0	65.2	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.9	
6E 6000	48.7	65.5	65.7	65.9	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.7	
6E 5000	49.3	66.2	66.4	66.6	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.3	
6E 4500	49.7	66.7	66.9	67.1	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.8	
6E 4000	50.7	68.0	68.2	68.4	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	69.1	
6E 3500	50.8	68.3	68.5	68.7	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.5	
6E 3000	51.2	68.7	68.9	69.1	69.2	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.9	
6E 2500	52.8	71.3	71.6	71.8	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.5	
6E 2000	53.7	73.5	73.8	74.0	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.7	
6E 1800	54.4	74.3	74.6	74.8	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.5	
6E 1500	55.2	75.7	76.2	76.4	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	77.1	
6E 1200	56.2	78.0	78.4	78.9	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.7	
6E 1000	56.4	79.4	79.8	80.3	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7	81.0	
6E 900	56.4	80.1	80.5	81.0	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.7	
6E 800	56.8	80.8	81.2	81.8	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.6	
6E 700	57.5	82.4	82.9	83.6	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.3	
6E 600	57.5	84.1	84.7	85.4	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	86.2	
6E 500	57.8	85.4	86.3	87.1	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.8	
6E 400	57.9	86.4	87.5	88.9	89.1	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.9	
6E 300	58.0	86.7	88.1	90.2	90.7	91.3	91.7	92.0	92.1	92.3	92.3	92.3	92.3	92.5	93.1	
6E 200	58.0	86.7	88.1	90.5	91.3	92.1	92.6	93.0	93.2	93.6	93.9	94.4	94.5	95.4	96.9	
6E 100	58.0	86.7	88.1	90.5	91.3	92.1	92.7	93.1	93.3	93.7	94.0	94.5	95.0	96.9	99.5	
6E 0	58.0	86.7	88.1	90.5	91.3	92.1	92.7	93.1	93.3	93.7	94.0	94.5	95.0	97.2	100.0	

TOTAL NUMBER OF OBSERVATIONS: 969

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: WANDLBERG AFB CA

PERIOD OF RECORD: 64-64
MONTH: APR HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	50.6	60.5	61.2	61.4	61.6	61.7	61.7	61.7	61.7	61.8	61.8	61.9	61.9	61.9	62.0	62.3
GE 20000	52.3	62.5	63.2	63.5	63.6	63.7	63.7	63.7	63.7	63.8	63.8	63.9	63.9	63.9	64.1	64.3
GE 18000	52.5	62.8	63.5	63.7	63.9	64.0	64.0	64.0	64.0	64.1	64.1	64.2	64.2	64.2	64.3	64.6
GE 16000	52.7	63.1	63.6	64.1	64.2	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.5	64.5	64.6	64.9
GE 14000	53.2	63.7	64.4	64.7	64.8	64.9	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.3	65.5
GE 12000	53.5	64.1	64.8	65.0	65.2	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.5	65.6	65.9
GE 10000	54.2	65.0	65.7	65.9	66.1	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.4	66.4	66.5	66.8
GE 9000	54.3	65.1	65.6	66.1	66.2	66.3	66.3	66.3	66.3	66.4	66.4	66.5	66.5	66.5	66.7	66.9
GE 8000	54.9	65.7	66.5	66.9	66.9	67.0	67.0	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.3	67.6
GE 7000	55.5	66.3	67.1	67.3	67.5	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.8	67.9	68.2
GE 6000	56.2	67.2	67.9	68.2	68.3	68.4	68.4	68.4	68.5	68.5	68.5	68.6	68.6	68.6	68.7	69.0
GE 5000	57.3	68.4	69.1	69.4	69.5	69.6	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8	70.0	70.3
GE 4500	58.2	69.3	70.1	70.3	70.5	70.6	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	71.0	71.2
GE 4000	59.2	70.5	71.3	71.5	71.7	71.8	71.8	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.2	72.4
GE 3500	59.8	71.1	71.9	72.2	72.3	72.4	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.7	72.8	73.1
GE 3000	60.9	72.5	73.4	73.6	73.8	73.9	74.0	74.0	74.0	74.1	74.1	74.2	74.2	74.2	74.3	74.6
GE 2500	62.4	74.5	75.5	75.8	76.0	76.1	76.1	76.1	76.2	76.3	76.3	76.3	76.3	76.5	76.7	77.0
GE 2000	63.6	76.5	77.6	77.9	78.2	78.3	78.3	78.3	78.4	78.5	78.5	78.5	78.5	78.6	78.9	79.2
GE 1800	64.2	77.5	78.7	79.0	79.3	79.4	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.8	80.0	80.3
GE 1500	65.0	79.2	80.5	81.0	81.3	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.8	82.1	82.4
GE 1200	65.9	81.2	82.7	83.2	83.5	83.6	83.7	83.7	83.8	83.8	83.9	83.9	83.9	84.1	84.3	84.6
GE 1000	66.4	82.7	84.4	85.0	85.4	85.5	85.6	85.6	85.7	85.7	85.8	85.8	85.8	86.0	86.2	86.5
GE 900	66.6	83.7	85.4	86.2	86.6	86.7	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.2	87.5	87.8
GE 800	66.8	84.5	86.4	87.3	87.8	88.0	88.1	88.1	88.2	88.3	88.3	88.3	88.3	88.5	88.7	89.0
GE 700	67.0	85.4	87.5	88.6	89.2	89.3	89.5	89.5	89.6	89.7	89.7	89.7	89.7	89.9	90.1	90.4
GE 600	67.1	86.1	88.5	89.8	90.6	90.8	90.9	91.0	91.2	91.2	91.2	91.3	91.3	91.4	91.7	92.0
GE 500	67.2	86.6	89.4	91.1	91.9	92.1	92.4	92.5	92.5	92.7	92.8	92.8	92.8	93.0	93.3	93.6
GE 400	67.2	87.4	90.1	92.1	93.2	93.5	93.8	94.0	94.1	94.3	94.5	94.5	94.5	94.7	95.0	95.3
GE 300	67.2	87.6	90.3	92.6	93.9	94.3	94.7	95.1	95.2	95.5	95.7	95.8	95.8	96.1	96.4	96.7
GE 200	67.2	87.6	90.3	92.7	94.1	94.5	95.0	95.4	95.6	96.0	96.3	96.4	96.4	96.7	97.0	97.3
GE 100	67.2	87.6	90.3	92.7	94.1	94.5	95.0	95.5	95.7	96.1	96.4	96.5	96.5	96.8	97.1	97.4
GE 01	67.2	87.6	90.3	92.7	94.1	94.5	95.0	95.5	95.7	96.1	96.4	96.5	96.6	97.0	97.1	97.4

TOTAL NUMBER OF OBSERVATIONS: 10098

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 721930 STATION NAME: VANDENBERG AFB CA
 PERIOD OF RECORD: 64-74, 82, 84
 MONTH: MAY HOURS(LST): 0000-0200

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

CEILING IN FEET	VISIBILITY IN STATUTE MILES																			
	1/10	1/8	1/4	1/2	2/3	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6	7	8	9	10
NO CEIL	25.8	33.5	33.9	34.4	34.6	34.7	34.8	35.1	35.2	35.4	35.6	35.6	35.9	35.9	36.0	36.2	36.3	36.3	36.8	37.5
GE 20000	25.9	33.6	34.0	34.5	34.7	34.8	34.9	35.2	35.3	35.5	35.7	35.7	36.0	36.0	36.0	36.2	36.3	36.3	36.8	37.5
GE 18000	25.9	33.6	34.0	34.5	34.7	34.8	34.9	35.2	35.3	35.5	35.7	35.7	36.0	36.0	36.0	36.2	36.3	36.3	36.8	37.5
GE 16000	26.0	33.7	34.1	34.6	34.8	34.9	35.0	35.3	35.4	35.6	35.8	35.8	36.2	36.2	36.2	36.4	36.5	36.5	37.0	37.7
GE 14000	26.0	33.7	34.1	34.6	34.8	34.9	35.0	35.3	35.4	35.6	35.8	35.8	36.2	36.2	36.2	36.4	36.5	36.5	37.0	37.7
GE 12000	26.0	33.7	34.1	34.6	34.8	34.9	35.1	35.4	35.5	35.7	35.9	35.9	36.3	36.3	36.3	36.5	36.5	36.5	37.1	37.8
GE 10000	26.0	33.7	34.1	34.6	34.8	34.9	35.1	35.4	35.5	35.7	35.9	35.9	36.3	36.3	36.3	36.5	36.5	36.5	37.1	37.8
GE 9000	26.1	34.2	34.7	35.1	35.3	35.4	35.6	35.9	36.0	36.3	36.5	36.5	36.8	36.8	36.8	37.0	37.0	37.0	37.6	38.4
GE 8000	26.3	34.5	34.9	35.3	35.5	35.6	35.8	36.2	36.3	36.5	36.7	36.7	37.0	37.0	37.0	37.2	37.2	37.2	37.8	38.6
GE 7000	26.3	34.5	34.9	35.3	35.5	35.6	35.8	36.2	36.3	36.5	36.7	36.7	37.0	37.0	37.0	37.2	37.2	37.2	37.8	38.6
GE 6000	26.8	35.0	35.4	35.8	36.0	36.2	36.4	36.7	36.8	37.0	37.2	37.2	37.5	37.5	37.5	37.7	37.7	37.7	38.4	39.1
GE 5000	27.2	35.3	35.7	36.2	36.4	36.5	36.7	37.0	37.1	37.3	37.5	37.5	37.8	37.8	37.8	38.0	38.0	38.0	38.7	39.4
GE 4500	27.2	35.4	35.8	36.3	36.5	36.6	36.8	37.1	37.2	37.4	37.6	37.6	37.9	37.9	37.9	38.1	38.1	38.1	38.8	39.5
GE 4000	27.5	35.7	36.2	36.6	36.8	36.9	37.1	37.4	37.5	37.7	37.9	37.9	38.3	38.3	38.3	38.5	38.5	38.5	39.1	39.9
GE 3500	27.9	36.6	37.0	37.4	37.6	37.7	37.9	38.3	38.4	38.6	38.8	38.8	39.1	39.1	39.1	39.3	39.3	39.3	40.0	40.7
GE 3000	28.2	37.5	37.9	38.4	38.6	38.7	38.9	39.2	39.3	39.5	39.7	39.7	40.1	40.1	40.1	40.3	40.3	40.3	41.0	41.7
GE 2500	29.5	39.1	39.5	40.0	40.2	40.3	40.5	40.8	40.9	41.1	41.3	41.3	41.6	41.6	41.6	41.8	41.8	41.8	42.5	43.2
GE 2000	29.9	39.9	40.3	40.7	40.9	41.0	41.2	41.5	41.6	41.9	42.1	42.1	42.4	42.4	42.4	42.6	42.6	42.6	43.3	44.0
GE 1800	30.0	40.7	41.1	41.5	41.8	41.9	42.1	42.4	42.5	42.7	42.9	42.9	43.2	43.2	43.2	43.4	43.4	43.4	44.1	44.8
GE 1500	31.7	43.4	44.2	44.6	44.8	44.9	45.1	45.5	45.6	45.8	46.0	46.0	46.3	46.3	46.3	46.5	46.5	46.5	47.1	47.9
GE 1200	34.9	48.9	49.7	50.1	50.3	50.4	50.6	51.0	51.1	51.3	51.5	51.5	51.8	51.8	51.8	52.0	52.0	52.0	52.6	53.4
GE 1000	36.3	53.0	53.8	54.2	54.4	54.5	54.8	55.1	55.2	55.4	55.6	55.6	55.9	55.9	55.9	56.1	56.1	56.1	56.6	57.5
GE 900	37.3	55.7	56.7	57.1	57.3	57.4	57.6	57.9	58.0	58.2	58.5	58.5	58.8	58.8	58.8	59.0	59.0	59.0	59.6	60.4
GE 800	37.8	57.5	58.7	59.1	59.3	59.4	59.6	59.9	60.0	60.3	60.5	60.5	60.8	60.8	60.8	61.0	61.0	61.0	61.6	62.4
GE 700	38.3	59.2	60.4	60.8	61.1	61.2	61.4	61.7	61.8	62.1	62.3	62.3	62.6	62.6	62.6	62.8	62.8	62.8	63.4	64.2
GE 600	38.8	61.9	63.1	63.5	64.0	64.1	64.3	64.6	64.7	64.9	65.1	65.1	65.4	65.4	65.4	65.6	65.6	65.6	66.2	67.0
GE 500	38.9	64.9	66.5	67.0	67.4	67.5	67.8	68.1	68.2	68.4	68.6	68.6	68.9	68.9	68.9	69.1	69.1	69.1	69.6	70.5
GE 400	38.9	68.1	70.0	71.5	72.3	72.4	72.8	73.3	73.4	73.7	73.9	73.9	74.4	74.4	74.4	74.6	74.6	74.6	75.2	76.0
GE 300	38.9	69.0	71.1	73.3	74.7	75.3	76.1	76.6	76.7	77.4	77.6	77.6	78.1	78.1	78.1	78.3	78.3	78.3	78.9	79.7
GE 200	38.9	69.0	71.2	73.8	75.4	76.1	77.4	78.3	79.0	80.0	81.2	81.6	83.0	83.0	83.0	83.2	83.2	83.2	83.8	84.6
GE 100	38.9	69.0	71.4	73.9	75.5	76.2	77.5	78.6	79.3	80.3	81.6	82.2	84.2	84.2	84.2	84.4	84.4	84.4	85.0	85.8
GE DJ	38.9	69.0	71.4	73.9	75.5	76.2	77.5	78.6	79.3	80.3	81.6	82.2	84.2	84.2	84.2	84.4	84.4	84.4	85.0	85.8

TOTAL NUMBER OF OBSERVATIONS: 946

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 72390 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-74,79,84
 MONTH: MAY HOURS(LST): 0300-0500

		PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS															
		VISIBILITY IN STATUTE MILES															
CEILING	IN FEET	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	1	21.4	27.1	27.5	28.2	28.3	26.4	28.4	28.5	28.7	29.2	29.4	29.6	29.7	29.7	30.5	31.6
GE 20000	1	21.4	27.3	27.6	28.4	28.5	28.6	28.6	28.7	28.9	29.4	29.7	29.8	29.9	29.9	30.7	31.8
GE 18000	1	21.4	27.3	27.8	28.4	28.5	28.6	28.6	28.7	28.9	29.4	29.7	29.8	29.9	29.9	30.7	31.8
GE 16000	1	21.4	27.3	27.8	28.4	28.5	28.6	28.6	28.7	28.9	29.4	29.7	29.8	29.9	29.9	30.7	31.8
GE 14000	1	21.6	27.5	28.0	28.6	28.7	28.8	28.8	28.9	29.1	29.3	29.9	30.0	30.1	30.1	30.9	32.0
GE 12000	1	21.8	27.8	28.2	28.8	28.9	29.0	29.0	29.1	29.3	29.9	30.1	30.2	30.3	30.3	31.1	32.2
GE 10000	1	21.8	27.8	28.2	28.8	28.9	29.0	29.0	29.1	29.3	29.9	30.1	30.2	30.3	30.3	31.1	32.2
GE 9000	1	22.0	28.1	28.5	29.1	29.2	29.3	29.3	29.4	29.7	30.2	30.4	30.5	30.6	30.6	31.5	32.5
GE 8000	1	22.0	28.2	28.6	29.2	29.3	29.4	29.4	29.6	29.8	30.3	30.5	30.6	30.7	30.7	31.6	32.6
GE 7000	1	22.1	28.3	28.7	29.3	29.4	29.6	29.6	29.7	29.9	30.4	30.6	30.7	30.8	30.8	31.7	32.7
GE 6000	1	22.8	29.0	29.4	30.1	30.2	30.3	30.3	30.4	30.6	31.1	31.4	31.5	31.6	31.6	32.4	33.5
GE 5000	1	22.8	29.4	29.4	30.1	30.2	30.3	30.3	30.4	30.6	31.1	31.4	31.5	31.6	31.6	32.4	33.5
GE 4500	1	22.8	29.4	29.4	30.1	30.2	30.3	30.3	30.4	30.6	31.1	31.4	31.5	31.6	31.6	32.4	33.5
GE 4000	1	22.9	29.2	29.7	30.3	30.4	30.5	30.5	30.6	30.8	31.4	31.6	31.7	31.8	31.8	32.6	33.7
GE 3500	1	23.6	30.4	30.8	31.5	31.6	31.7	31.7	31.8	32.0	32.5	32.7	32.8	32.9	32.9	33.8	34.9
GE 3000	1	23.9	31.1	31.6	32.2	32.3	32.4	32.4	32.5	32.7	33.3	33.5	33.6	33.7	33.7	34.5	35.6
GE 2500	1	24.6	32.5	32.9	33.6	33.7	33.8	33.8	33.9	34.1	34.6	34.9	35.0	35.1	35.1	35.9	37.0
GE 2000	1	25.5	34.4	34.9	35.5	35.6	35.7	35.7	35.8	36.0	36.5	36.8	36.9	37.0	37.0	37.8	39.0
GE 1800	1	25.7	35.2	35.6	36.2	36.3	36.4	36.4	36.5	36.8	37.3	37.5	37.6	37.7	37.7	38.6	39.7
GE 1500	1	27.0	37.9	38.5	39.1	39.2	39.3	39.4	39.5	39.7	40.3	40.5	40.6	40.7	40.7	41.5	42.7
GE 1200	1	30.8	43.9	44.5	45.1	45.2	45.3	45.4	45.6	45.8	46.3	46.5	46.6	46.7	46.7	47.6	48.7
GE 1000	1	32.5	48.2	48.8	49.6	49.7	49.8	49.9	50.0	50.2	50.7	51.0	51.1	51.2	51.2	52.0	53.2
GE 900	1	33.6	50.2	51.0	51.7	51.8	51.9	52.0	52.1	52.3	52.9	53.1	53.2	53.3	53.3	54.1	55.3
GE 800	1	34.2	52.8	53.7	54.4	54.7	54.8	55.0	55.1	55.3	55.8	56.0	56.1	56.3	56.3	57.2	58.4
GE 700	1	34.6	54.8	56.0	56.9	57.1	57.2	57.4	57.5	57.7	58.3	58.5	58.6	58.7	58.7	59.6	60.8
GE 600	1	35.0	57.7	59.1	60.0	60.4	60.6	60.8	60.9	61.1	61.7	61.9	62.0	62.1	62.1	63.0	64.2
GE 500	1	35.0	60.1	61.7	62.9	63.6	63.8	64.1	64.2	64.4	64.9	65.1	65.3	65.4	65.4	66.4	67.6
GE 400	1	35.1	61.2	63.1	65.4	66.9	67.2	67.7	67.8	68.1	68.8	69.2	69.3	69.4	69.6	70.7	71.9
GE 300	1	35.1	62.2	64.3	67.2	70.1	70.9	71.7	72.5	73.0	73.8	74.5	74.7	75.3	75.7	77.0	79.0
GE 200	1	35.1	62.3	64.5	67.6	71.3	72.4	73.2	74.5	75.1	76.9	78.0	78.7	79.9	80.5	84.3	88.0
GE 100	1	35.1	62.3	64.5	67.6	71.3	72.4	73.2	74.5	75.1	77.0	78.3	79.1	80.4	81.5	86.7	97.4
GE 0	1	35.1	62.3	64.5	67.6	71.3	72.4	73.2	74.5	75.1	77.0	78.3	79.1	80.5	81.6	86.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 944

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: 64-84
 MONTH: MAY HOURS(LST): U600-0800

CEILING FEET	VISIBILITY IN STATUTE MILES															
	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
NO CEIL	25.6	31.8	32.8	33.5	33.7	33.9	34.0	34.1	34.1	34.2	34.3	34.4	34.6	34.8	35.0	35.0
GE 20000	26.2	32.6	33.6	34.1	34.6	34.7	34.8	34.8	34.9	34.9	35.0	35.1	35.2	35.3	35.5	35.7
GE 18000	26.3	32.7	33.7	34.3	34.7	34.8	35.0	35.0	35.0	35.0	35.2	35.2	35.4	35.6	35.8	36.0
GE 16000	26.3	32.7	33.7	34.3	34.7	34.8	35.0	35.0	35.0	35.2	35.2	35.4	35.6	35.8	36.0	36.2
GE 14000	26.4	32.9	33.9	34.4	34.9	35.0	35.2	35.2	35.2	35.4	35.4	35.6	35.8	36.0	36.2	36.4
GE 12000	26.6	33.1	34.2	34.7	35.2	35.3	35.4	35.4	35.5	35.5	35.7	35.9	36.1	36.3	36.5	36.7
GE 10000	26.8	33.3	34.5	34.6	35.3	35.4	35.6	35.6	35.6	35.8	36.0	36.2	36.4	36.6	36.8	37.0
GE 9000	26.8	33.3	34.4	34.9	35.4	35.5	35.6	35.7	35.7	35.8	36.0	36.2	36.4	36.6	36.8	37.0
GE 8000	27.0	33.5	34.5	35.0	35.5	35.6	35.8	35.8	36.1	36.2	36.4	36.6	36.8	37.0	37.2	37.4
GE 7000	27.2	33.7	34.8	35.3	35.8	35.9	36.0	36.0	36.1	36.2	36.4	36.6	36.8	37.0	37.2	37.4
GE 6000	27.6	34.3	35.4	35.9	36.4	36.5	36.6	36.7	36.7	36.8	37.0	37.2	37.4	37.6	37.8	38.0
GE 5000	27.7	34.6	35.7	36.2	36.7	36.8	36.9	37.0	37.0	37.1	37.2	37.4	37.6	37.8	38.0	38.2
GE 4500	27.7	34.6	35.7	36.2	36.7	36.8	36.9	37.0	37.0	37.1	37.2	37.4	37.6	37.8	38.0	38.2
GE 4000	28.2	35.2	36.2	36.7	37.2	37.3	37.5	37.5	37.5	37.7	37.7	37.9	38.1	38.3	38.5	38.7
GE 3500	28.6	35.6	36.6	37.1	37.6	37.7	37.9	37.9	37.9	38.1	38.1	38.3	38.5	38.7	38.9	39.1
GE 3000	29.2	36.2	37.2	37.7	38.2	38.3	38.5	38.5	38.5	38.6	38.7	38.9	39.1	39.3	39.5	39.7
GE 2500	29.6	36.8	37.9	38.5	38.9	39.0	39.2	39.2	39.2	39.4	39.4	39.6	39.8	40.0	40.2	40.4
GE 2000	31.0	38.6	39.7	40.3	40.7	40.9	41.0	41.0	41.1	41.1	41.3	41.5	41.7	41.9	42.1	42.3
GE 1800	31.9	40.0	41.1	41.9	42.4	42.5	42.7	42.7	42.7	42.8	42.9	43.1	43.3	43.5	43.7	43.9
GE 1500	33.5	42.4	43.6	44.6	45.3	45.4	45.6	45.6	45.7	45.8	45.9	46.1	46.3	46.5	46.7	46.9
GE 1200	35.6	47.2	48.5	49.4	50.1	50.3	50.5	50.5	50.6	50.7	50.8	51.0	51.2	51.4	51.6	51.8
GE 1000	36.5	50.5	52.2	53.3	54.1	54.3	54.5	54.6	54.7	54.8	54.9	55.1	55.2	55.4	55.6	55.8
GE 900	36.8	52.6	54.4	55.8	56.9	57.0	57.3	57.4	57.5	57.6	57.7	57.9	58.1	58.3	58.5	58.7
GE 800	37.2	54.5	56.4	58.6	60.0	60.2	60.6	60.7	60.8	60.9	61.0	61.2	61.4	61.5	61.8	62.0
GE 700	37.4	55.4	58.2	60.7	62.3	62.6	63.2	63.3	63.4	63.6	63.6	63.8	64.0	64.3	64.6	64.8
GE 600	37.5	56.6	59.9	63.2	65.0	65.3	66.1	66.3	66.5	66.7	66.9	67.2	67.4	67.7	68.0	68.2
GE 500	37.6	57.7	61.7	66.1	68.8	69.4	70.4	71.0	71.2	71.3	71.7	72.0	72.2	72.6	73.0	73.4
GE 400	37.6	58.2	62.9	68.2	72.6	73.6	75.3	76.6	76.9	77.1	77.4	77.8	78.1	78.5	79.4	79.8
GE 300	37.6	58.3	62.9	69.0	74.2	75.9	78.1	80.1	80.7	81.2	82.3	82.7	83.7	84.2	85.2	86.6
GE 200	37.6	58.3	62.9	69.1	74.5	76.2	78.8	81.0	81.7	82.5	84.1	84.9	86.6	87.6	90.5	95.0
GE 100	37.6	58.3	62.9	69.1	74.5	76.2	78.8	81.0	81.8	82.6	84.2	85.0	86.8	88.1	91.7	99.1
GE 01	37.6	58.3	62.9	69.1	74.5	76.2	78.8	81.0	81.8	82.6	84.2	85.0	86.8	88.1	91.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 1524

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-84
 MONTH: MAY HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES																			
	1		2		1 1/2		1 1/4		1											
	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE										
NO CEIL	40.8	51.1	51.9	52.5	52.5	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 20000	41.9	53.3	53.9	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 18000	42.2	53.6	54.2	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 16000	42.4	53.8	54.5	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 14000	42.6	53.3	54.2	54.6	54.6	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 12000	42.8	53.5	54.4	55.1	55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 10000	42.9	53.6	54.5	55.1	55.1	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 8000	42.9	53.6	54.5	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 7000	43.2	53.9	54.6	55.5	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	55.7	55.7	55.7
GE 6000	43.5	54.3	55.2	55.8	55.8	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 5000	43.8	54.6	55.5	56.1	56.1	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 4500	44.2	54.9	55.8	56.5	56.5	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 4000	44.6	55.4	56.2	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 3500	44.9	55.6	56.5	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 3000	45.0	55.9	56.8	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 2500	46.1	57.2	58.1	58.7	58.8	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 2000	47.6	59.2	60.1	60.8	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 1800	49.1	61.1	61.9	62.9	62.9	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 1500	50.9	64.3	65.4	66.4	66.5	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	66.8	66.8
GE 1200	52.8	68.6	69.8	71.0	71.2	71.3	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 1000	53.6	71.8	73.4	74.7	75.1	75.2	75.2	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 900	54.0	74.5	76.8	78.2	78.6	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 800	54.1	76.0	78.6	80.2	80.8	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 700	54.2	77.5	80.7	83.1	83.8	83.9	84.0	84.2	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 600	54.3	78.6	82.7	85.8	86.8	86.9	87.2	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 500	54.3	79.2	84.1	88.3	89.8	90.2	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 400	54.3	79.5	84.7	89.8	92.3	92.9	93.6	94.5	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 300	54.3	79.5	84.9	90.3	93.1	94.1	95.1	96.5	96.7	96.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 200	54.3	79.5	84.9	90.3	93.1	94.1	95.1	96.7	96.7	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 100	54.3	79.5	84.9	90.3	93.1	94.1	95.1	96.7	96.7	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 0	54.3	79.5	84.9	90.3	93.1	94.1	95.1	96.7	96.7	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5

TOTAL NUMBER OF OBSERVATIONS: 1700

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

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-84
 MONTH: MAY HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	GE
NO CEIL	47.3	60.5	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 20000	49.3	62.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 18000	49.7	63.2	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 16000	49.8	63.4	64.4	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 14000	50.2	63.9	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 12000	50.4	64.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 10000	50.8	64.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 9000	50.9	64.9	65.9	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 8000	50.9	64.9	65.9	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 7000	51.2	65.4	66.4	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 6000	51.8	65.9	66.9	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 5000	51.8	65.9	66.9	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 4500	52.0	66.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 4000	52.2	66.3	67.3	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 3500	52.4	66.5	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 3000	52.8	66.9	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 2500	53.7	68.1	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 2000	55.0	69.8	70.9	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 1800	55.9	70.9	72.0	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 1500	58.1	74.2	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 1200	59.5	78.1	79.4	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 1000	60.3	80.5	82.4	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 900	61.1	82.7	85.2	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 800	61.3	84.4	87.2	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 700	61.4	86.3	89.5	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 600	61.5	87.8	91.7	93.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 500	61.5	88.6	93.0	95.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 400	61.5	88.9	93.6	96.9	98.1	98.3	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	61.5	88.9	93.7	97.2	98.6	99.1	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9
GE 200	61.5	88.9	93.7	97.2	98.6	99.1	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9
GE 100	61.5	89.0	93.8	97.3	98.7	99.2	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0
GE 01	61.5	89.0	93.8	97.3	98.7	99.2	99.4	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 1692

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: 64-04
MONTH: MAY HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES													
	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	41.7	53.4	54.0	54.4	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 20000	43.8	56.1	56.8	57.2	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 18000	44.1	56.4	57.1	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 16000	44.1	56.5	57.1	57.5	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 14000	44.6	57.0	57.6	58.0	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 12000	45.0	57.5	58.1	58.5	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 10000	45.1	57.6	58.3	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 9000	45.1	57.6	58.3	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 8000	45.1	57.6	58.3	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 7000	45.4	57.9	58.6	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 6000	45.5	58.0	58.7	59.1	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 5000	45.7	58.2	58.9	59.3	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 4500	45.8	58.4	59.0	59.4	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 4000	46.0	58.6	59.2	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 3500	46.0	58.8	59.4	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 3000	46.4	59.2	59.8	60.2	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 2500	47.6	60.4	61.1	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 2000	48.7	62.0	62.6	63.0	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 1800	49.6	63.3	64.0	64.3	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 1500	51.5	65.8	66.5	66.9	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 1200	54.0	70.6	71.4	71.8	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 1000	55.6	76.8	78.0	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 900	56.5	79.8	81.4	81.9	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 800	56.9	82.4	84.4	85.3	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 700	57.3	85.2	88.0	89.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 600	57.5	87.1	90.5	92.7	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 500	57.5	88.2	92.3	95.0	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 400	57.5	88.4	92.8	96.2	97.4	97.9	98.2	98.5	98.5	98.5	98.6	98.6	98.6	98.6
GE 300	57.5	88.4	92.8	96.3	97.6	98.1	98.8	99.1	99.3	99.3	99.5	99.5	99.5	99.5
GE 200	57.5	88.4	92.8	96.3	97.6	98.1	98.8	99.3	99.3	99.6	99.7	99.8	99.9	99.9
GE 100	57.5	88.4	92.8	96.3	97.6	98.1	98.8	99.3	99.3	99.7	99.9	99.9	100.0	100.0
GE 0	57.5	88.4	92.8	96.3	97.6	98.1	98.8	99.3	99.3	99.5	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 1523

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

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-75,78-79,81,83-84
 MONTH: MAY HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	
NO CEIL	33.6	41.7	42.1	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.5	42.5	42.5	42.7	42.7
GE 20000	34.3	42.7	43.1	43.1	43.2	43.2	43.2	43.3	43.3	43.3	43.3	43.5	43.5	43.5	43.7	43.7
GE 18000	34.3	42.7	43.1	43.1	43.2	43.2	43.2	43.3	43.3	43.3	43.3	43.5	43.5	43.5	43.7	43.7
GE 16000	34.4	42.9	43.3	43.3	43.4	43.4	43.5	43.5	43.5	43.5	43.7	43.7	43.7	43.7	43.9	43.9
GE 14000	35.1	43.5	44.0	44.0	44.1	44.1	44.2	44.2	44.3	44.3	44.5	44.5	44.5	44.5	44.7	44.7
GE 12000	35.3	43.8	44.3	44.3	44.4	44.4	44.5	44.5	44.6	44.6	44.8	44.8	44.8	44.8	45.0	45.0
GE 10000	35.3	43.9	44.4	44.4	44.5	44.5	44.6	44.6	44.7	44.7	44.9	44.9	44.9	44.9	45.1	45.1
GE 9000	35.3	43.9	44.4	44.4	44.5	44.5	44.6	44.6	44.7	44.7	44.9	44.9	44.9	44.9	45.1	45.1
GE 8000	35.3	44.1	44.6	44.6	44.7	44.7	44.8	44.8	44.9	44.9	45.1	45.1	45.1	45.1	45.3	45.3
GE 7000	35.8	44.7	45.2	45.2	45.3	45.3	45.4	45.4	45.4	45.4	45.6	45.6	45.6	45.6	45.8	45.8
GE 6000	35.9	44.8	45.3	45.3	45.4	45.4	45.4	45.4	45.5	45.5	45.7	45.7	45.7	45.7	45.9	45.9
GE 5000	36.2	45.3	45.7	45.7	45.8	45.8	45.9	45.9	46.0	46.0	46.2	46.2	46.2	46.2	46.4	46.4
GE 4500	36.2	45.3	45.7	45.7	45.8	45.8	45.9	45.9	46.0	46.0	46.2	46.2	46.2	46.2	46.4	46.4
GE 4000	36.7	45.7	46.2	46.2	46.4	46.4	46.5	46.5	46.6	46.6	46.8	46.8	46.8	46.8	47.0	47.0
GE 3500	36.8	45.8	46.3	46.3	46.4	46.5	46.6	46.6	46.7	46.7	46.9	46.9	46.9	46.9	47.1	47.1
GE 3000	37.5	46.5	47.0	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.5	47.5	47.5	47.5	47.7	47.7
GE 2500	37.9	47.2	47.6	47.7	47.8	47.8	47.9	47.9	48.0	48.0	48.2	48.2	48.2	48.2	48.4	48.4
GE 2000	38.6	48.3	48.8	48.9	49.0	49.0	49.1	49.1	49.1	49.1	49.3	49.3	49.3	49.3	49.5	49.5
GE 1800	39.2	49.2	49.7	49.8	49.9	49.9	50.0	50.0	50.1	50.1	50.3	50.3	50.3	50.5	50.5	50.5
GE 1500	41.4	52.9	53.4	53.5	53.6	53.6	53.7	53.7	53.8	54.0	54.0	54.0	54.0	54.2	54.2	54.2
GE 1200	44.0	58.6	59.1	59.2	59.3	59.4	59.4	59.4	59.5	59.7	59.7	59.7	59.7	59.9	59.9	59.9
GE 1000	45.5	63.3	63.9	63.9	64.0	64.0	64.1	64.1	64.2	64.4	64.4	64.4	64.4	64.6	64.6	64.6
GE 900	46.6	66.7	67.6	67.6	67.7	67.8	67.8	67.8	67.9	68.1	68.1	68.1	68.1	68.3	68.3	68.3
GE 800	47.7	69.8	71.3	71.3	71.4	71.4	71.5	71.5	71.6	71.8	71.8	71.8	71.8	72.0	72.0	72.0
GE 700	48.5	72.6	74.4	74.4	74.9	74.9	75.0	75.0	75.0	75.2	75.2	75.2	75.2	75.4	75.4	75.4
GE 600	49.1	74.9	77.6	77.6	78.5	78.5	78.6	78.6	78.7	78.8	78.8	78.8	78.8	79.0	79.0	79.0
GE 500	49.1	77.2	80.6	81.7	82.1	82.1	82.3	82.3	82.4	82.5	82.5	82.5	82.5	82.7	82.7	82.7
GE 400	49.1	78.8	83.0	85.0	86.1	86.3	86.9	87.1	87.4	87.7	87.7	87.7	87.7	87.9	87.9	87.9
GE 300	49.1	79.1	83.6	86.7	88.3	88.5	89.7	90.8	91.2	91.7	91.8	92.1	92.5	92.8	93.0	93.0
GE 200	49.1	79.1	83.6	86.8	88.6	88.9	90.2	91.7	92.0	93.0	93.5	93.9	94.9	96.2	97.0	97.0
GE 100	49.1	79.1	83.6	86.8	88.6	88.9	90.2	91.7	92.0	93.1	93.8	94.2	95.3	95.7	97.1	97.1
GE 0	49.1	79.1	83.6	86.8	88.6	88.9	90.2	91.7	92.0	93.1	93.8	94.2	95.3	95.7	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 1054

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VFRSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-74,79,84
MONTH: MAY HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1	1/2	2/3	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4						
NO CEIL	27.2	30.9	39.8	39.9	40.0	40.0	40.0	40.0	40.1	40.2	40.2	40.4	40.4	40.4	40.5	40.5	40.6	41.2
GE 20000	27.5	39.2	40.1	40.2	40.3	40.3	40.3	40.4	40.4	40.5	40.5	40.7	40.7	40.8	40.8	40.9	41.5	41.5
GE 18000	27.6	39.3	40.2	40.3	40.4	40.4	40.5	40.6	40.6	40.6	40.6	40.8	40.8	40.9	40.9	41.0	41.6	41.6
GE 16000	27.6	39.3	40.2	40.3	40.4	40.4	40.5	40.6	40.6	40.6	40.6	40.8	40.8	40.9	41.0	41.0	41.6	41.6
GE 14000	27.9	39.6	40.5	40.6	40.7	40.7	40.8	40.8	40.9	40.9	41.1	41.1	41.1	41.2	41.3	41.8	41.8	41.8
GE 12000	28.0	39.7	40.6	40.7	40.8	40.8	40.9	40.9	41.0	41.0	41.2	41.2	41.2	41.3	41.3	41.4	41.9	41.9
GE 10000	28.4	40.1	41.0	41.1	41.2	41.2	41.3	41.3	41.4	41.4	41.6	41.6	41.6	41.7	41.7	41.7	42.3	42.3
GE 9000	28.4	40.1	41.0	41.1	41.2	41.2	41.3	41.3	41.4	41.4	41.6	41.6	41.6	41.7	41.7	41.7	42.3	42.3
GE 8000	28.4	40.3	41.2	41.3	41.4	41.4	41.5	41.5	41.6	41.6	41.7	41.8	41.8	41.8	41.8	41.9	42.5	42.5
GE 7000	28.5	40.4	41.3	41.4	41.5	41.5	41.6	41.6	41.7	41.7	41.8	41.8	41.8	41.9	41.9	42.0	42.6	42.6
GE 6000	28.5	40.5	41.4	41.5	41.6	41.6	41.7	41.7	41.8	41.8	41.9	41.9	41.9	42.0	42.0	42.1	42.7	42.7
GE 5000	29.2	41.2	42.0	42.1	42.2	42.2	42.3	42.3	42.4	42.4	42.6	42.6	42.6	42.7	42.7	42.8	43.4	43.4
GE 4500	29.2	41.2	42.0	42.1	42.2	42.2	42.3	42.3	42.4	42.4	42.6	42.6	42.6	42.7	42.7	42.8	43.4	43.4
GE 4000	29.6	41.6	42.4	42.5	42.6	42.6	42.7	42.7	42.8	42.8	43.0	43.0	43.0	43.1	43.1	43.2	43.8	43.8
GE 3500	30.1	42.1	43.0	43.1	43.2	43.2	43.3	43.3	43.4	43.4	43.6	43.6	43.6	43.7	43.7	43.8	44.4	44.4
GE 3000	30.5	42.5	43.4	43.5	43.6	43.6	43.7	43.7	43.8	43.8	44.0	44.0	44.0	44.1	44.1	44.2	44.8	44.8
GE 2500	31.3	43.8	44.7	44.8	44.9	44.9	45.0	45.0	45.1	45.1	45.3	45.3	45.3	45.4	45.4	45.5	46.1	46.1
GE 2000	32.3	45.6	46.5	46.6	46.7	46.7	46.8	46.8	46.9	46.9	47.1	47.1	47.1	47.2	47.2	47.3	47.9	47.9
GE 1800	33.0	46.8	47.7	47.8	47.9	47.9	48.0	48.0	48.1	48.1	48.3	48.3	48.3	48.4	48.4	48.5	49.1	49.1
GE 1500	34.2	49.4	50.3	50.4	50.5	50.5	50.6	50.6	50.7	50.7	50.9	50.9	50.9	51.0	51.0	51.1	51.7	51.7
GE 1200	35.9	54.6	55.5	55.6	55.7	55.7	55.8	55.8	55.9	55.9	56.1	56.1	56.1	56.2	56.2	56.3	56.9	56.9
GE 1000	37.1	57.6	58.4	58.5	58.6	58.6	58.7	58.7	58.8	58.8	59.0	59.0	59.0	59.1	59.1	59.2	59.9	59.9
GE 900	39.6	62.1	63.2	63.3	63.4	63.4	63.5	63.5	63.6	63.6	63.8	63.8	63.8	63.9	63.9	64.0	64.7	64.7
GE 800	40.2	63.8	65.0	65.1	65.2	65.2	65.3	65.3	65.4	65.4	65.6	65.6	65.6	65.7	65.7	65.8	66.5	66.5
GE 700	40.9	66.1	67.5	67.6	67.7	67.7	67.8	67.8	67.9	67.9	68.1	68.1	68.1	68.2	68.2	68.3	69.0	69.0
GE 600	41.5	69.6	71.0	71.1	71.2	71.2	71.3	71.3	71.4	71.4	71.6	71.6	71.6	71.7	71.7	71.8	72.6	72.6
GE 500	41.6	72.2	74.2	74.5	74.7	74.7	74.8	74.8	74.9	74.9	75.0	75.0	75.1	75.2	75.2	75.3	76.0	76.0
GE 400	41.7	74.0	76.5	77.8	78.3	78.3	78.6	78.6	78.7	78.7	78.9	78.9	79.1	79.2	79.2	79.3	80.0	80.0
GE 300	41.7	74.9	77.6	80.0	81.5	81.7	82.2	82.6	82.6	82.6	82.8	83.3	83.3	83.4	83.4	83.5	84.4	84.4
GE 200	41.7	75.1	77.9	80.7	83.4	83.4	84.3	84.3	86.0	86.1	87.0	88.1	88.1	88.3	88.3	89.5	93.7	93.7
GE 100	41.7	75.1	77.9	80.7	83.4	83.4	84.3	84.3	86.1	86.2	87.3	88.7	88.7	88.9	89.2	91.2	99.0	99.0
GE 01	41.7	75.1	77.9	80.7	83.4	83.4	84.3	84.3	86.1	86.2	87.3	88.7	88.9	90.2	91.2	93.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 1006

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: 64-84
MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES										NO CEIL		
	1		2		3		4		5				
	1/4	1/2	1/2	1	1/4	1/2	1	1/4	1/2	1			
44.2	44.9	45.3	45.5	45.5	45.6	45.6	45.7	45.8	45.9	45.9	46.0	46.2	46.4
45.5	46.3	46.6	46.8	46.8	46.9	47.0	47.0	47.2	47.2	47.3	47.3	47.5	47.8
45.7	46.4	46.8	47.0	47.0	47.1	47.1	47.2	47.3	47.4	47.4	47.5	47.7	47.9
46.1	46.9	47.2	47.4	47.5	47.5	47.6	47.6	47.7	47.8	47.8	47.9	48.1	48.4
46.4	47.1	47.5	47.7	47.7	47.8	47.9	47.9	48.1	48.1	48.2	48.2	48.4	48.7
46.6	47.3	47.7	47.9	48.0	48.0	48.1	48.1	48.3	48.3	48.4	48.4	48.6	48.9
46.7	47.4	47.8	48.0	48.0	48.1	48.2	48.2	48.3	48.4	48.5	48.5	48.7	49.0
46.8	47.5	47.9	48.1	48.2	48.3	48.3	48.4	48.5	48.6	48.6	48.6	48.8	49.1
47.1	47.8	48.2	48.4	48.5	48.5	48.6	48.6	48.7	48.8	48.8	48.9	49.1	49.4
47.4	48.2	48.6	48.8	48.9	48.9	49.0	49.0	49.2	49.2	49.3	49.3	49.5	49.7
47.7	48.5	48.9	49.0	49.1	49.2	49.2	49.3	49.4	49.4	49.5	49.6	49.8	50.0
47.8	48.6	49.0	49.2	49.3	49.3	49.4	49.4	49.5	49.6	49.6	50.0	50.2	50.5
48.2	48.9	49.4	49.5	49.6	49.6	49.7	49.7	49.8	49.9	49.9	50.4	50.6	50.9
48.6	49.4	49.8	49.9	50.0	50.0	50.1	50.1	50.3	50.3	50.4	50.9	51.2	51.4
49.1	49.9	50.3	50.4	50.5	50.6	50.6	50.7	50.8	50.8	50.9	50.9	51.2	51.4
50.3	51.0	51.4	51.6	51.7	51.7	51.8	51.8	52.0	52.0	52.1	52.1	52.3	52.6
51.9	52.7	53.1	53.3	53.4	53.5	53.5	53.6	53.7	53.7	53.8	53.8	54.0	54.3
53.1	53.9	54.4	54.6	54.7	54.8	54.8	55.0	55.0	55.0	55.1	55.1	55.3	55.6
56.0	57.0	57.5	57.8	57.8	57.9	58.0	58.0	58.2	58.2	58.3	58.3	58.5	58.8
60.9	61.9	62.5	62.7	62.8	62.9	62.9	63.0	63.1	63.2	63.2	63.3	63.5	63.7
64.7	66.0	66.7	67.0	67.1	67.2	67.2	67.3	67.4	67.5	67.5	67.6	67.8	68.0
67.5	69.1	69.9	70.3	70.3	70.4	70.5	70.6	70.7	70.7	70.8	70.8	71.1	71.3
69.5	71.5	72.5	72.9	73.0	73.1	73.2	73.3	73.4	73.4	73.5	73.5	73.8	74.0
71.5	73.9	75.3	75.8	75.9	76.1	76.1	76.2	76.3	76.4	76.5	76.5	76.7	77.0
73.5	76.4	78.2	79.0	79.1	79.3	79.4	79.5	79.6	79.7	79.8	79.8	80.0	80.3
75.0	78.5	81.0	82.1	82.3	82.6	82.8	82.9	83.0	83.1	83.2	83.3	83.5	83.8
75.9	79.8	83.2	85.0	85.4	86.0	86.5	86.6	86.8	87.0	87.1	87.2	87.5	87.9
76.2	80.3	84.2	86.5	87.2	88.2	89.1	89.3	89.7	90.1	90.2	90.6	91.2	91.8
76.3	80.4	84.3	86.9	87.7	88.8	90.0	90.3	91.0	92.1	92.9	93.3	94.6	96.1
76.3	80.4	84.4	86.9	87.7	88.8	90.1	90.4	91.1	91.9	92.3	93.2	93.8	95.6
76.3	80.4	84.4	86.9	87.7	88.8	90.1	90.4	91.1	91.9	92.3	93.2	93.8	95.6
76.3	80.4	84.4	86.9	87.7	88.8	90.1	90.4	91.1	91.9	92.3	93.2	93.8	95.6

TOTAL NUMBER OF OBSERVATIONS: 10389

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-73,81
 MONTH: JUN HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	15.9	25.9	26.6	26.7	26.8	27.1	27.2	27.3	27.3	27.3	27.4	27.4	27.6	27.7	28.0	28.0
GE 20000	16.0	26.1	26.7	26.8	26.9	27.2	27.3	27.4	27.4	27.4	27.5	27.5	27.7	27.8	28.2	28.2
GE 18000	16.0	26.1	26.7	26.8	26.9	27.2	27.3	27.4	27.4	27.4	27.5	27.5	27.7	27.8	28.2	28.2
GE 16000	16.1	26.2	26.8	26.9	27.1	27.3	27.4	27.5	27.5	27.5	27.6	27.6	27.8	28.0	28.4	28.4
GE 14000	16.2	26.3	26.9	27.1	27.2	27.4	27.5	27.6	27.6	27.6	27.7	27.7	27.9	28.0	28.4	28.4
GE 12000	16.5	26.6	27.3	27.4	27.5	27.7	27.8	27.9	27.9	27.9	28.0	28.0	28.3	28.4	28.7	28.7
GE 10000	16.7	26.8	27.5	27.6	27.7	27.9	28.0	28.2	28.2	28.2	28.3	28.5	28.6	28.9	28.9	28.9
GE 9000	16.7	26.8	27.5	27.6	27.7	27.9	28.0	28.2	28.2	28.2	28.3	28.5	28.6	28.9	28.9	28.9
GE 8000	16.7	26.8	27.5	27.6	27.7	27.9	28.0	28.2	28.2	28.2	28.3	28.5	28.6	28.9	28.9	28.9
GE 7000	16.7	26.8	27.5	27.6	27.7	27.9	28.0	28.2	28.2	28.2	28.3	28.5	28.6	28.9	28.9	28.9
GE 6000	17.3	27.4	28.0	28.2	28.3	28.5	28.6	28.7	28.7	28.7	28.8	29.0	29.2	29.5	29.5	29.5
GE 5000	17.3	27.4	28.0	28.2	28.3	28.5	28.6	28.7	28.7	28.7	28.8	29.0	29.2	29.5	29.5	29.5
GE 4500	17.4	27.5	28.2	28.3	28.4	28.6	28.7	28.8	28.8	28.8	28.9	29.2	29.3	29.6	29.6	29.6
GE 4000	17.5	27.6	28.3	28.4	28.5	28.7	28.8	28.9	28.9	28.9	29.0	29.3	29.4	29.7	29.7	29.7
GE 3500	17.5	27.8	28.5	28.6	28.7	28.9	29.0	29.2	29.2	29.2	29.3	29.5	29.6	29.9	29.9	29.9
GE 3000	17.5	28.0	28.7	28.8	28.9	29.2	29.3	29.4	29.4	29.4	29.5	29.7	29.8	30.2	30.2	30.2
GE 2500	18.5	29.2	29.8	29.9	30.0	30.3	30.4	30.5	30.5	30.5	30.6	30.8	30.9	31.3	31.3	31.3
GE 2000	19.8	31.2	31.8	31.9	32.0	32.3	32.4	32.5	32.5	32.5	32.6	32.8	32.9	33.3	33.3	33.3
GE 1800	21.0	32.8	33.5	33.6	33.7	33.9	34.0	34.1	34.1	34.1	34.3	34.5	34.6	34.9	34.9	34.9
GE 1500	21.8	34.6	35.3	35.5	35.6	35.8	35.9	36.0	36.0	36.0	36.1	36.4	36.5	36.8	36.8	36.8
GE 1200	23.7	39.1	39.8	40.0	40.1	40.4	40.5	40.6	40.6	40.6	40.7	40.9	41.0	41.4	41.4	41.4
GE 1000	24.9	43.7	44.5	44.7	44.8	45.0	45.1	45.2	45.2	45.2	45.3	45.6	45.7	46.0	46.0	46.0
GE 900	26.3	46.0	46.8	47.0	47.1	47.3	47.5	47.7	47.7	47.7	47.8	48.0	48.1	48.4	48.4	48.4
GE 800	27.1	48.2	49.1	49.4	49.6	49.8	49.9	50.2	50.2	50.2	50.3	50.6	50.7	51.0	51.0	51.0
GE 700	28.0	50.9	51.9	52.2	52.3	52.5	52.7	53.0	53.0	53.0	53.1	53.3	53.4	53.8	53.8	53.8
GE 600	28.6	54.4	56.1	56.5	56.7	56.9	57.0	57.3	57.3	57.3	57.4	57.6	57.8	58.1	58.1	58.1
GE 500	28.9	57.8	59.5	60.3	60.4	60.6	60.8	61.1	61.1	61.1	61.3	61.5	61.6	62.0	62.0	62.0
GE 400	28.9	59.4	61.4	63.3	64.1	64.3	64.4	64.9	64.9	64.9	65.0	65.3	65.4	65.7	65.7	65.7
GE 300	29.0	61.1	63.9	67.0	68.2	69.1	69.6	70.3	70.5	70.7	71.2	71.4	71.5	72.1	72.1	72.1
GE 200	29.0	61.2	64.0	67.6	69.4	70.6	72.1	73.5	74.1	74.7	75.6	76.4	77.7	80.8	84.7	84.7
GE 100	29.0	61.2	64.0	67.7	69.5	70.8	72.6	74.5	75.2	75.9	77.3	78.4	79.9	81.0	87.6	98.1
GE 0	29.0	61.2	64.0	67.7	69.5	70.8	72.6	74.5	75.2	75.9	77.3	78.4	80.2	81.3	88.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 902

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: 64-73,79,83-84
MONTH: JUN HOURS(IST): 0100-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES																		
	10	9	8	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	11.9	18.1	18.5	18.7	18.8	18.8	18.9	19.1	19.1	19.1	19.1	19.1	19.1	19.3	19.7	20.0	20.2	20.9	21.4
GE 20000	12.0	18.5	18.9	19.2	19.3	19.3	19.4	19.5	19.5	19.5	19.5	19.5	19.5	19.7	20.2	20.5	20.6	21.4	21.8
GE 18000	12.0	18.5	18.9	19.2	19.3	19.3	19.4	19.5	19.5	19.5	19.5	19.5	19.5	19.7	20.2	20.5	20.6	21.4	21.8
GE 16000	12.0	18.5	18.9	19.2	19.3	19.3	19.4	19.5	19.5	19.5	19.5	19.5	19.5	19.7	20.2	20.5	20.6	21.4	21.8
GE 14000	12.0	18.5	18.9	19.2	19.3	19.3	19.4	19.5	19.5	19.5	19.5	19.5	19.5	19.7	20.2	20.5	20.6	21.4	21.8
GE 12000	12.1	18.6	19.1	19.3	19.4	19.4	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.8	20.3	20.6	20.7	21.5	21.9
GE 10000	12.1	18.6	19.1	19.3	19.4	19.4	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.8	20.3	20.6	20.7	21.5	21.9
GE 9000	12.1	18.6	19.1	19.3	19.4	19.4	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.8	20.3	20.6	20.7	21.5	21.9
GE 8000	12.1	18.6	19.1	19.3	19.4	19.4	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.8	20.3	20.6	20.7	21.5	21.9
GE 7000	12.1	18.6	19.1	19.3	19.4	19.4	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.8	20.3	20.6	20.7	21.5	21.9
GE 6000	12.7	19.2	19.6	19.8	19.9	19.9	20.0	20.2	20.2	20.2	20.2	20.2	20.4	20.8	21.1	21.3	22.0	22.5	22.5
GE 5000	12.7	19.2	19.6	19.8	19.9	19.9	20.0	20.2	20.2	20.2	20.2	20.4	20.8	21.1	21.3	22.0	22.5	22.5	22.5
GE 4500	12.8	19.3	19.7	19.9	20.0	20.0	20.2	20.3	20.3	20.3	20.3	20.5	20.9	20.9	21.3	21.4	22.1	22.6	22.6
GE 4000	12.8	19.3	19.7	19.9	20.0	20.0	20.2	20.3	20.3	20.3	20.3	20.5	20.9	20.9	21.3	21.4	22.1	22.6	22.6
GE 3500	12.8	19.3	19.7	19.9	20.0	20.0	20.2	20.3	20.3	20.3	20.3	20.5	20.9	20.9	21.3	21.4	22.1	22.6	22.6
GE 3000	13.2	19.9	20.4	20.6	20.7	20.7	20.8	20.9	20.9	20.9	21.1	21.6	21.6	21.6	21.9	22.0	22.8	23.2	23.2
GE 2500	14.2	21.1	21.6	21.8	21.9	21.9	22.0	22.1	22.1	22.1	22.4	22.8	22.8	22.8	23.1	23.2	24.0	24.4	24.4
GE 2000	15.7	23.8	24.3	24.6	24.7	24.7	24.8	24.9	24.9	24.9	25.1	25.6	25.6	25.6	25.9	26.0	26.8	27.2	27.2
GE 1800	17.1	26.2	26.8	27.0	27.1	27.1	27.2	27.3	27.3	27.3	27.5	28.0	28.0	28.0	28.3	28.4	29.2	29.6	29.6
GE 1500	18.7	28.7	29.3	29.5	29.6	29.6	29.7	29.8	29.8	29.8	30.1	30.5	30.5	30.5	30.8	30.9	31.7	32.2	32.2
GE 1200	20.5	32.6	33.3	33.5	33.7	33.7	33.8	33.9	33.9	33.9	34.1	34.6	34.6	34.6	34.9	35.0	35.8	36.2	36.2
GE 1000	21.7	35.4	36.2	36.5	36.7	36.7	36.8	36.9	36.9	36.9	37.1	37.6	37.6	37.6	37.9	38.0	38.8	39.2	39.2
GE 900	22.0	36.9	37.9	38.1	38.3	38.3	38.4	38.5	38.5	38.5	38.8	39.2	39.2	39.2	39.5	39.6	40.4	40.9	40.9
GE 800	22.6	38.6	39.8	40.0	40.2	40.2	40.3	40.4	40.4	40.4	40.6	41.1	41.1	41.1	41.4	41.5	42.3	42.7	42.7
GE 700	23.2	40.2	41.2	41.5	41.7	41.7	41.9	42.0	42.0	42.0	42.2	42.7	42.7	42.7	43.1	43.2	43.9	44.5	44.5
GE 600	23.3	41.3	42.5	43.5	44.5	45.3	45.4	45.5	45.5	45.5	45.7	46.3	46.3	46.3	46.6	46.9	47.7	48.2	48.2
GE 500	23.5	46.3	47.9	49.0	49.6	49.7	49.8	49.9	49.9	49.9	50.1	50.9	50.9	50.9	51.3	51.7	52.4	53.1	53.1
GE 400	23.6	48.8	51.3	53.7	56.1	56.1	56.6	56.8	56.8	56.8	57.3	58.0	58.0	58.0	58.5	58.8	59.7	60.6	60.6
GE 300	23.7	49.9	53.0	57.0	60.0	60.0	61.3	62.1	62.1	62.1	62.4	64.1	64.1	64.1	65.0	65.3	66.3	67.5	67.5
GE 200	23.7	49.9	53.0	57.7	61.1	61.8	63.3	65.7	66.2	66.2	67.6	69.2	70.4	70.4	72.2	73.9	78.5	83.9	83.9
GE 100	23.7	49.9	53.0	57.8	61.3	62.1	63.9	66.5	67.1	67.1	68.6	70.5	71.8	74.0	75.9	83.6	97.9	97.9	97.9
GE 0	23.7	49.9	53.0	57.9	61.5	62.2	64.0	66.6	67.2	68.7	70.6	71.9	74.2	76.1	84.1	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 908

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-84
 MONTH: JUN HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1	1 1/2	2	3	4	5	6	10	1	1 1/4	1 3/4	2	2 1/2	3	4	5	6	10
NO CEIL	15.8	21.9	22.8	23.3	24.0	24.2	24.3	24.3	24.4	24.6	24.7	24.7	25.0	25.0	25.3	25.6	26.5	25.6
GE 20000	16.2	22.4	23.3	23.9	24.6	24.7	24.9	24.9	24.9	25.1	25.3	25.3	25.6	25.6	25.9	26.2	26.5	26.5
GE 18000	16.2	22.4	23.3	23.9	24.6	24.7	24.9	24.9	24.9	25.1	25.3	25.3	25.6	25.6	25.9	26.2	26.5	26.5
GE 16000	16.4	22.6	23.5	24.1	24.8	24.9	25.1	25.1	25.1	25.3	25.5	25.5	25.8	25.8	26.1	26.5	26.5	26.5
GE 14000	16.4	22.6	23.5	24.1	24.8	24.9	25.1	25.1	25.1	25.3	25.5	25.5	25.8	25.8	26.1	26.5	26.5	26.5
GE 12000	16.4	22.7	23.5	24.2	24.9	25.0	25.1	25.1	25.2	25.4	25.6	25.6	25.9	25.9	26.2	26.6	26.6	26.6
GE 10000	16.5	22.9	23.8	24.4	25.1	25.3	25.4	25.4	25.5	25.7	25.8	25.8	26.2	26.2	26.5	26.8	26.8	26.8
GE 9000	16.5	22.9	23.8	24.4	25.1	25.3	25.4	25.4	25.5	25.7	25.8	25.8	26.2	26.2	26.5	26.8	26.8	26.8
GE 8000	16.5	22.9	23.8	24.5	25.2	25.3	25.5	25.5	25.6	25.8	25.9	25.9	26.2	26.2	26.5	26.9	26.9	26.9
GE 7000	16.5	22.9	23.8	24.5	25.2	25.3	25.5	25.5	25.6	25.8	25.9	25.9	26.2	26.2	26.5	26.9	26.9	26.9
GE 6000	16.9	23.3	24.2	24.9	25.6	25.7	25.8	25.8	25.9	26.1	26.2	26.2	26.6	26.6	26.9	27.2	27.2	27.2
GE 5000	16.9	23.3	24.2	24.9	25.6	25.7	25.8	25.8	25.9	26.1	26.2	26.2	26.6	26.6	26.9	27.2	27.2	27.2
GE 4500	17.1	23.5	24.4	25.1	25.8	26.0	26.1	26.1	26.2	26.4	26.5	26.5	26.9	26.9	27.1	27.5	27.5	27.5
GE 4000	17.1	23.5	24.4	25.1	25.8	26.0	26.1	26.1	26.2	26.4	26.5	26.5	26.9	26.9	27.1	27.5	27.5	27.5
GE 3500	17.3	23.7	24.6	25.3	26.0	26.1	26.2	26.2	26.3	26.5	26.7	26.7	27.0	27.0	27.3	27.6	27.6	27.6
GE 3000	17.7	24.3	25.2	26.0	26.7	26.8	26.9	26.9	27.0	27.2	27.3	27.3	27.7	27.7	28.0	28.3	28.3	28.3
GE 2500	18.4	25.1	26.0	26.7	27.4	27.6	27.7	27.7	27.8	28.0	28.1	28.1	28.5	28.5	28.7	29.1	29.1	29.1
GE 2000	20.0	27.7	28.6	29.4	30.0	30.2	30.3	30.3	30.4	30.6	30.7	30.7	31.1	31.1	31.4	31.7	31.7	31.7
GE 1800	21.1	29.2	30.1	30.9	31.6	31.7	31.8	31.8	31.9	32.1	32.3	32.3	32.6	32.6	32.9	33.2	33.2	33.2
GE 1500	23.3	32.3	33.2	34.0	34.7	34.8	34.9	34.9	35.0	35.2	35.4	35.4	35.7	35.7	36.0	36.3	36.3	36.3
GE 1200	24.8	34.9	35.9	36.9	37.6	37.7	37.8	37.9	38.0	38.2	38.3	38.3	38.7	38.7	39.0	39.3	39.3	39.3
GE 1000	26.3	38.2	39.6	40.9	41.6	41.7	41.9	41.9	42.0	42.2	42.3	42.3	42.7	42.7	43.0	43.3	43.3	43.3
GE 900	27.3	40.5	42.0	43.6	44.3	44.5	44.7	44.8	44.8	45.0	45.2	45.2	45.5	45.5	45.8	46.1	46.1	46.1
GE 800	27.6	42.3	43.8	45.7	46.6	46.8	47.0	47.1	47.2	47.4	47.5	47.5	47.9	47.9	48.1	48.5	48.5	48.5
GE 700	27.7	44.1	46.0	49.0	50.1	50.3	50.5	50.6	50.7	50.9	51.0	51.1	51.5	51.5	51.7	52.1	52.1	52.1
GE 600	27.9	46.5	49.0	52.9	54.4	54.7	55.0	55.1	55.2	55.5	55.7	55.8	56.1	56.1	56.5	56.8	56.8	56.8
GE 500	28.0	48.5	51.9	57.8	59.9	60.6	61.2	61.8	62.0	62.3	62.4	62.6	63.0	63.0	63.5	63.9	63.9	63.9
GE 400	28.0	49.5	53.5	61.3	64.9	66.0	67.4	68.8	69.2	69.8	70.3	70.5	71.0	71.3	72.0	72.7	72.7	72.7
GE 300	28.0	49.8	53.9	62.8	67.3	69.3	71.5	74.2	74.9	76.3	77.8	78.4	79.6	80.2	81.3	82.7	82.7	82.7
GE 200	28.0	49.8	53.9	62.8	67.4	69.5	72.1	75.6	76.4	78.1	80.3	81.3	83.2	84.5	87.6	91.6	91.6	91.6
GE 100	28.0	49.8	53.9	62.8	67.5	69.5	72.3	75.8	76.7	78.6	80.9	81.9	84.0	85.7	90.6	99.1	99.1	99.1
GE 0	28.0	49.8	53.9	62.8	67.5	69.5	72.3	75.8	76.7	78.6	80.9	81.9	84.0	85.7	90.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 1448

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-84
 MONTH: JUN HOURS(LST): 0900-1100

CEILING VISIBILITY IN STATUTE MILES

IN FEET	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	33.2	45.4	46.1	46.6	46.6	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 20000	33.8	46.5	47.4	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 18000	33.9	46.6	47.5	48.1	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 16000	34.1	46.7	47.6	48.3	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 14000	34.2	46.9	47.8	48.6	48.6	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 12000	34.6	47.3	48.3	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 10000	34.9	47.7	48.6	49.3	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 9000	34.9	47.7	48.6	49.3	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 8000	34.9	47.8	48.7	49.4	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 7000	35.0	47.8	48.7	49.5	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 6000	35.2	48.1	49.0	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 5000	35.2	48.1	49.0	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 4500	35.4	48.3	49.2	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 4000	35.4	48.3	49.2	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 3500	35.6	48.4	49.3	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 3000	36.4	49.2	50.1	50.8	50.9	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 2500	37.5	50.8	51.7	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 2000	39.3	53.0	53.9	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 1800	40.5	54.3	55.2	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 1500	43.2	58.0	59.1	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 1200	46.0	63.3	64.5	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 1000	48.1	67.4	68.8	69.9	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 900	49.0	71.1	72.9	74.2	74.5	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 800	49.5	73.6	75.8	77.4	77.7	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 700	49.8	75.6	78.6	80.7	81.2	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 600	49.9	77.6	81.3	84.3	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 500	50.0	78.6	83.1	87.9	89.7	89.9	90.3	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.6
GE 400	50.0	79.0	83.7	89.5	92.6	93.1	94.0	94.4	94.5	94.7	94.8	94.8	94.8	94.9	94.9	94.9
GE 300	50.0	79.0	83.7	89.6	93.5	94.3	95.7	96.7	97.0	97.3	97.6	97.8	97.9	98.1	98.2	98.3
GE 200	50.0	79.0	83.7	89.8	93.5	94.4	95.9	97.1	97.5	97.9	98.3	98.7	99.0	99.2	99.4	99.5
GE 100	50.0	79.0	83.7	89.8	93.5	94.4	96.0	97.2	97.5	97.9	98.4	98.7	99.1	99.3	99.6	100.0
GE 0	50.0	79.0	83.7	89.8	93.5	94.4	96.0	97.2	97.5	97.9	98.4	98.7	99.1	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 1658

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: 64-84
MONTH: JUN HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES													
	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	43.5	57.8	58.5	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 20000	44.8	59.5	60.4	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 18000	44.9	59.6	60.4	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 16000	45.1	59.7	60.6	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 14000	45.6	60.3	61.2	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 12000	46.0	60.7	61.6	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 10000	46.6	61.6	62.5	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 9000	46.6	61.6	62.5	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 8000	46.7	61.6	62.6	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 7000	46.9	61.9	62.8	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 6000	47.0	62.0	62.9	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 5000	47.1	62.0	63.0	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 4500	47.1	62.0	63.0	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 4000	47.1	62.0	63.0	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 3500	47.4	62.3	63.3	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 3000	48.2	63.2	64.2	64.8	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 2500	49.1	64.2	65.2	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 2000	50.7	66.0	66.9	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 1800	52.2	67.5	68.5	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 1500	53.8	70.3	71.3	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 1200	56.4	75.5	76.6	77.2	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 1000	59.1	81.5	82.6	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 900	59.7	83.8	85.2	86.0	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 800	60.1	85.5	87.0	87.9	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 700	60.5	87.7	89.8	91.4	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 600	61.0	89.8	92.6	94.6	95.3	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 500	61.1	90.8	94.3	97.1	98.0	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 400	61.1	90.9	94.5	97.5	98.6	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	61.1	91.0	94.6	97.6	98.7	99.0	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	61.2	91.1	94.6	97.7	98.8	99.1	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9
GE 100	61.2	91.1	94.6	97.7	98.8	99.1	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0
GE 0	61.2	91.1	94.6	97.7	98.8	99.1	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 1657

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-84
 MONTH: JUN HOURS(LST): 1500-1700

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VISIBILITY
 FROM HOURLY OBSERVATIONS

VISIBILITY IN STATUTE MILES

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	40.3	49.8	50.3	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 20000	40.9	50.8	51.4	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 18000	40.9	50.8	51.4	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 16000	40.9	50.8	51.5	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 14000	41.4	51.2	51.9	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 12000	41.8	51.7	52.4	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 10000	41.9	52.0	52.6	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 9000	42.1	52.3	52.9	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 8000	42.2	52.4	53.0	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 7000	42.4	52.6	53.2	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 6000	42.5	52.6	53.3	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 5000	42.5	52.6	53.3	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 4500	42.5	52.6	53.3	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 4000	42.5	52.6	53.3	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 3500	42.8	53.0	53.7	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 3000	43.1	53.3	53.9	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 2500	44.1	54.2	54.9	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 2000	45.4	55.6	56.3	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 1800	45.8	55.9	56.6	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 1500	48.3	58.9	59.7	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 1200	52.0	65.1	65.9	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 1000	55.8	72.3	73.5	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 900	57.1	76.0	77.7	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 800	58.2	78.8	80.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 700	58.8	81.5	84.0	85.6	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 600	59.3	84.0	87.1	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 500	59.4	85.6	89.1	92.5	93.8	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 400	59.5	86.0	90.0	94.3	95.9	96.1	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 300	59.5	86.1	90.2	94.6	96.3	96.6	97.4	98.0	98.1	98.3	98.5	98.8	99.0	99.0	99.1	99.1
GE 200	59.6	86.2	90.2	94.7	96.4	96.8	97.6	98.3	98.3	98.7	98.8	99.1	99.5	99.5	99.8	99.8
GE 100	59.6	86.2	90.2	94.7	96.4	96.8	97.6	98.3	98.3	98.7	98.8	99.1	99.5	99.7	100.0	100.0
GE 01	59.6	86.2	90.2	94.7	96.4	96.8	97.6	98.3	98.3	98.7	98.8	99.1	99.6	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 1446

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: 64-74, 81-84
 MONTH: JUN HOURS (LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	2	3	4	5	6	10	1/2	1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	29.8	36.8	37.4	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.8	37.8	37.8
GE 20000	30.3	37.5	38.1	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.5	38.6	38.6
GE 16000	30.3	37.5	38.1	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.5	38.6	38.6
GE 14000	30.4	37.6	38.2	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.6	38.7	38.7
GE 12000	31.2	38.4	39.0	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.4	39.5	39.5
GE 10000	31.4	38.6	39.2	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.6	39.7	39.7
GE 9000	31.4	38.6	39.3	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.7	39.8	39.8
GE 8000	31.4	38.6	39.3	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.7	39.8	39.8
GE 7000	31.7	38.9	39.6	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.0	40.1	40.1
GE 6000	31.9	39.1	39.8	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.2	40.3	40.3
GE 5000	32.1	39.3	40.0	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.4	40.5	40.5
GE 4500	32.1	39.3	40.0	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.4	40.5	40.5
GE 4000	32.2	39.4	40.1	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.5	40.6	40.6
GE 3500	32.5	39.7	40.4	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.8	40.9	40.9
GE 3000	32.9	40.1	40.8	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.3	41.3
GE 2500	33.5	40.7	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8	41.9	41.9
GE 2000	35.0	42.8	43.5	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.9	44.0	44.0
GE 1800	35.3	43.2	43.9	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.3	44.4	44.4
GE 1500	37.1	45.6	46.3	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.8	46.9	46.9
GE 1200	39.5	49.6	50.2	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.7	50.8	50.8
GE 1000	42.3	54.0	54.9	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.5	55.5
GE 900	43.6	57.2	58.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.9	58.9
GE 800	44.9	60.2	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9	62.0	62.0
GE 700	45.8	63.8	65.5	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.5	66.5
GE 600	47.4	67.7	70.0	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.6	71.6
GE 500	48.1	71.2	74.2	76.2	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.2	77.2
GE 400	48.2	73.1	77.4	80.4	82.6	83.1	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.9	83.9
GE 300	48.2	73.2	77.7	81.2	83.7	84.3	85.5	87.0	87.1	87.9	88.4	88.4	88.8	88.9	89.2	89.5
GE 200	48.2	73.2	77.8	81.4	83.9	84.5	85.8	88.2	88.6	89.7	91.1	91.3	92.5	93.1	94.9	95.8
GE 100	48.2	73.2	77.8	81.4	84.0	84.6	85.9	88.3	88.7	89.8	91.3	91.5	92.8	93.7	96.9	99.7
GE 01	48.2	73.2	77.8	81.4	84.0	84.6	85.9	88.3	88.7	89.8	91.3	91.5	92.8	93.7	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 1007

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: 64-74, 82-84
 MONTH: JUN HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																					
	10	GE	6	GE	5	GE	4	GE	3	2	1	1/2	1	1/4	GE	1	3/4	5/8	1/2	5/16	1/4	GE
NO CEIL	22.6	33.1	33.6	34.0	34.3	34.3	34.3	34.5	34.6	34.6	34.6	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.9	34.9	34.9	35.1
GE 20000	22.7	33.3	33.6	34.2	34.6	34.6	34.6	34.9	35.0	35.0	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.2	35.2	35.2	35.4
GE 16000	22.7	33.3	33.8	34.2	34.6	34.6	34.6	34.9	35.0	35.0	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.2	35.2	35.2	35.4
GE 14000	23.0	33.7	34.2	34.6	35.1	35.1	35.1	35.3	35.4	35.4	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.6	35.6	35.6	35.8
GE 12000	23.1	33.8	34.3	34.8	35.2	35.2	35.2	35.4	35.5	35.5	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.7	35.7	35.7	35.9
GE 10000	23.2	34.1	34.6	35.1	35.5	35.5	35.5	35.7	35.8	35.8	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	36.0	36.0	36.0	36.2
GE 9000	23.2	34.1	34.6	35.1	35.5	35.5	35.5	35.7	35.8	35.8	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	36.0	36.0	36.0	36.2
GE 8000	23.2	34.1	34.6	35.1	35.5	35.5	35.5	35.7	35.8	35.8	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	36.0	36.0	36.0	36.2
GE 7000	23.7	34.5	35.1	35.5	35.9	35.9	35.9	36.1	36.2	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.4	36.4	36.4	36.6
GE 6000	24.0	34.9	35.4	35.8	36.2	36.2	36.2	36.4	36.5	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.7	36.7	36.7	36.9
GE 5000	24.0	34.9	35.4	35.8	36.2	36.2	36.2	36.4	36.5	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.7	36.7	36.7	36.9
GE 4500	24.0	34.9	35.4	35.8	36.2	36.2	36.2	36.4	36.5	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.7	36.7	36.7	36.9
GE 4000	24.0	34.9	35.4	35.8	36.2	36.2	36.2	36.4	36.5	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.7	36.7	36.7	36.9
GE 3500	24.1	35.2	35.7	36.1	36.5	36.5	36.5	36.7	36.8	36.8	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	37.0	37.0	37.0	37.2
GE 3000	24.2	35.4	35.9	36.3	36.7	36.7	36.7	36.9	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.2	37.2	37.2	37.4
GE 2500	24.6	35.8	36.3	36.7	37.1	37.1	37.1	37.3	37.4	37.4	37.4	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.7	37.7	37.7	37.9
GE 2000	26.1	38.0	38.5	38.9	39.3	39.3	39.3	39.5	39.6	39.6	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.8	39.8	39.8	40.0
GE 1800	26.6	39.0	39.5	39.9	40.4	40.4	40.4	40.6	40.7	40.7	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.9	40.9	40.9	41.1
GE 1500	28.1	41.5	42.0	42.4	42.8	42.8	42.8	43.0	43.2	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.4	43.4	43.4	43.6
GE 1200	29.1	46.0	46.5	46.9	47.3	47.3	47.3	47.5	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.8	47.8	47.8	48.0
GE 1000	30.4	49.1	49.6	50.0	50.4	50.4	50.4	50.6	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.9	50.9	50.9	51.1
GE 900	30.9	50.7	51.2	51.7	52.1	52.1	52.1	52.3	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.8
GE 800	31.5	53.3	53.9	54.6	55.0	55.0	55.0	55.3	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.9
GE 700	32.4	55.8	56.5	57.2	57.6	57.6	57.6	57.9	58.0	58.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.5
GE 600	32.9	59.8	60.5	61.2	61.7	61.7	61.7	62.0	62.1	62.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.7
GE 500	33.4	63.8	64.8	66.0	66.5	66.5	66.5	66.8	66.9	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.4
GE 400	33.8	67.7	68.8	70.9	71.9	72.2	72.2	72.5	72.6	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	73.1
GE 300	33.8	67.3	69.7	73.0	75.2	75.8	76.2	77.1	77.1	77.1	77.1	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.7	77.7	77.7	79.5
GE 200	33.8	67.4	69.6	73.8	77.0	77.9	78.8	80.9	81.1	81.1	81.1	82.1	83.1	83.1	83.1	83.1	83.1	83.1	83.6	83.6	83.6	91.0
GE 100	33.8	67.4	69.8	73.9	77.1	78.0	79.1	81.5	81.7	81.7	81.7	82.9	84.0	84.0	84.0	84.0	84.0	84.0	84.5	84.5	84.5	98.4
GE 01	33.8	67.4	69.8	73.9	77.1	78.0	79.1	81.5	81.7	81.7	81.7	82.9	84.0	84.0	84.0	84.0	84.0	84.5	85.0	85.0	85.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 964

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: 64-84
 MONTH: JUN HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES										NO CEIL							
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1		3/4	5/8	1/2	5/16	1/4	0	
GE 20000	29.1	39.2	39.9	40.4	39.4	39.6	39.7	39.7	39.8	39.8	39.8	39.8	39.9	39.9	40.0	40.1	40.2	40.3
GE 18000	29.1	39.2	39.9	40.5	40.6	40.6	40.7	40.8	40.8	40.8	40.8	40.9	40.9	40.9	41.0	41.1	41.2	41.3
GE 16000	29.2	39.3	40.1	40.6	40.8	40.8	40.9	40.9	40.9	40.9	41.0	41.0	41.1	41.2	41.2	41.3	41.4	41.5
GE 14000	29.5	39.6	40.4	40.9	41.1	41.1	41.2	41.2	41.2	41.2	41.3	41.3	41.4	41.4	41.5	41.5	41.7	41.8
GE 12000	29.8	39.9	40.7	41.2	41.4	41.4	41.5	41.5	41.5	41.5	41.6	41.6	41.7	41.7	41.8	41.8	42.0	42.1
GE 10000	30.0	40.3	41.0	41.5	41.7	41.7	41.8	41.8	41.9	41.9	41.9	42.0	42.0	42.1	42.1	42.2	42.3	42.4
GE 9000	30.0	40.3	41.1	41.6	41.8	41.8	41.9	41.9	42.0	42.0	42.0	42.1	42.1	42.2	42.2	42.3	42.4	42.5
GE 8000	30.1	40.4	41.1	41.6	41.8	41.8	41.9	41.9	42.0	42.0	42.1	42.1	42.2	42.2	42.3	42.4	42.6	42.7
GE 7000	30.2	40.5	41.3	41.8	42.0	42.0	42.1	42.1	42.2	42.2	42.2	42.3	42.3	42.3	42.4	42.4	42.6	42.7
GE 6000	30.5	40.8	41.5	42.1	42.2	42.2	42.3	42.4	42.4	42.4	42.5	42.5	42.6	42.6	42.7	42.7	42.8	43.0
GE 5000	30.5	40.8	41.6	42.1	42.3	42.3	42.4	42.4	42.5	42.5	42.5	42.5	42.6	42.6	42.7	42.7	42.9	43.0
GE 4500	30.6	40.9	41.7	42.2	42.4	42.4	42.5	42.5	42.5	42.5	42.6	42.6	42.7	42.7	42.8	42.8	43.0	43.1
GE 4000	30.6	40.9	41.7	42.2	42.4	42.4	42.5	42.5	42.6	42.6	42.6	42.7	42.7	42.8	42.8	43.0	43.1	43.3
GE 3500	30.8	41.1	41.9	42.4	42.6	42.6	42.7	42.8	42.8	42.8	42.9	42.9	43.0	43.0	43.1	43.2	43.3	43.3
GE 3000	31.3	41.7	42.4	43.0	43.2	43.2	43.3	43.3	43.3	43.4	43.4	43.4	43.5	43.5	43.6	43.6	43.8	43.9
GE 2500	32.1	42.7	43.4	44.0	44.2	44.2	44.3	44.3	44.3	44.3	44.4	44.4	44.5	44.5	44.6	44.6	44.8	44.9
GE 2000	33.7	44.7	45.5	46.1	46.2	46.3	46.4	46.4	46.4	46.4	46.5	46.5	46.6	46.6	46.7	46.7	46.8	47.0
GE 1800	34.6	46.0	46.8	47.3	47.5	47.6	47.6	47.7	47.7	47.8	47.8	47.8	47.8	47.9	48.0	48.1	48.2	48.2
GE 1500	36.6	48.8	49.6	50.2	50.4	50.5	50.6	50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.8	50.9	51.0	51.1
GE 1200	38.9	53.5	54.3	55.0	55.2	55.2	55.3	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.6	55.7	55.8	55.9
GE 1000	41.1	58.0	59.1	59.8	60.1	60.1	60.2	60.3	60.3	60.3	60.4	60.4	60.4	60.5	60.5	60.6	60.7	60.8
GE 900	42.0	60.8	62.0	62.9	63.1	63.2	63.3	63.4	63.4	63.4	63.5	63.5	63.5	63.6	63.6	63.6	63.8	63.9
GE 800	42.7	63.0	64.5	65.5	65.8	65.8	66.0	66.1	66.1	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.5	66.6
GE 700	43.2	65.4	67.3	68.7	69.1	69.2	69.3	69.4	69.4	69.5	69.5	69.5	69.6	69.7	69.7	69.7	69.8	70.0
GE 600	43.7	68.1	70.6	72.6	73.2	73.4	73.5	73.6	73.6	73.7	73.8	73.8	73.9	73.9	74.0	74.0	74.2	74.3
GE 500	43.9	70.3	73.3	76.4	77.5	77.7	78.1	78.3	78.3	78.4	78.4	78.5	78.5	78.7	78.8	78.8	79.1	79.1
GE 400	44.0	71.4	75.0	79.1	81.1	81.6	82.2	82.6	82.6	82.7	82.9	83.1	83.2	83.3	83.4	83.6	83.9	83.9
GE 300	44.0	71.8	75.6	80.4	82.9	83.7	84.7	85.7	85.7	85.9	86.4	86.9	87.1	87.5	87.7	88.1	88.6	88.6
GE 200	44.0	71.8	75.6	80.6	83.3	84.2	85.5	87.1	87.1	87.5	88.2	89.1	89.6	90.4	91.0	92.7	94.5	94.5
GE 100	44.0	71.8	75.6	80.6	83.4	84.3	85.7	87.4	87.4	87.8	88.6	89.6	90.2	91.1	91.9	94.9	94.9	94.9
GE 01	44.0	71.8	75.6	80.6	83.4	84.3	85.7	87.4	87.4	87.8	88.6	89.6	90.2	91.2	91.9	95.1	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 9990

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: 64-73
MONTH: JUL HOURS(LST): 0000-0200

CEILING FEET	VISIBILITY IN STATUTE MILES																
	10	9	8	7	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	12.4	20.0	20.0	21.3	21.7	21.9	22.2	22.2	22.2	22.7	22.7	22.8	22.8	23.1	23.1	23.3	24.2
GE 20000	12.4	20.1	20.9	21.4	21.8	22.0	22.3	22.8	22.8	22.9	22.9	22.9	22.9	23.2	23.2	23.4	24.3
GE 18000	12.4	20.1	20.9	21.4	21.8	22.0	22.3	22.8	22.8	22.9	22.9	22.9	22.9	23.2	23.2	23.4	24.3
GE 16000	12.4	20.1	20.9	21.4	21.8	22.0	22.3	22.8	22.8	22.9	22.9	22.9	22.9	23.2	23.2	23.4	24.3
GE 14000	12.4	20.1	20.9	21.4	21.8	22.0	22.3	22.8	22.8	22.9	22.9	22.9	22.9	23.2	23.2	23.5	24.4
GE 12000	12.4	20.1	20.9	21.4	21.8	22.0	22.3	22.8	22.8	22.9	22.9	22.9	22.9	23.2	23.2	23.5	24.4
GE 10000	12.4	20.1	20.9	21.5	21.9	22.2	22.4	22.9	22.9	23.0	23.0	23.0	23.0	23.3	23.3	23.7	24.5
GE 9000	12.4	20.1	20.9	21.5	21.9	22.2	22.4	22.9	22.9	23.0	23.0	23.0	23.0	23.3	23.3	23.7	24.5
GE 8000	12.4	20.1	20.9	21.5	21.9	22.2	22.4	22.9	22.9	23.0	23.0	23.0	23.0	23.3	23.3	23.7	24.5
GE 7000	12.4	20.1	20.9	21.5	21.9	22.2	22.4	22.9	22.9	23.0	23.0	23.0	23.0	23.3	23.3	23.7	24.5
GE 6000	12.4	20.1	20.9	21.5	21.9	22.2	22.4	22.9	22.9	23.0	23.0	23.0	23.0	23.3	23.3	23.7	24.5
GE 5000	12.4	20.1	20.9	21.5	21.9	22.2	22.4	22.9	22.9	23.0	23.0	23.0	23.0	23.3	23.3	23.7	24.5
GE 4500	12.4	20.1	20.9	21.5	21.9	22.2	22.4	22.9	22.9	23.0	23.0	23.0	23.0	23.3	23.3	23.7	24.5
GE 4000	12.4	20.1	20.9	21.5	21.9	22.2	22.4	22.9	22.9	23.0	23.0	23.0	23.0	23.3	23.3	23.7	24.5
GE 3500	12.4	20.1	20.9	21.5	21.9	22.2	22.4	22.9	22.9	23.0	23.0	23.0	23.0	23.3	23.3	23.7	24.5
GE 3000	12.4	20.1	20.9	21.5	21.9	22.2	22.4	22.9	22.9	23.0	23.0	23.0	23.0	23.3	23.3	23.7	24.5
GE 2500	12.4	20.1	20.9	21.5	21.9	22.2	22.4	22.9	22.9	23.0	23.0	23.0	23.0	23.3	23.3	23.7	24.5
GE 2000	12.4	20.1	20.9	21.5	21.9	22.2	22.4	22.9	22.9	23.0	23.0	23.0	23.0	23.3	23.3	23.7	24.5
GE 1800	12.4	20.1	20.9	21.5	21.9	22.2	22.4	22.9	22.9	23.0	23.0	23.0	23.0	23.3	23.3	23.7	24.5
GE 1500	12.4	20.1	20.9	21.6	22.3	22.5	22.7	23.2	23.2	23.3	23.3	23.3	23.3	23.7	23.7	24.0	24.8
GE 1200	12.4	20.5	21.3	22.0	22.7	22.9	23.1	23.7	23.7	23.8	23.8	23.8	23.8	24.1	24.1	24.4	25.3
GE 1000	12.5	20.8	21.5	22.3	22.9	23.1	23.3	23.9	23.9	24.0	24.0	24.0	24.0	24.3	24.3	24.6	25.5
GE 900	12.5	21.7	22.5	23.2	24.0	24.2	24.4	24.9	24.9	25.1	25.1	25.1	25.1	25.4	25.4	25.7	26.6
GE 800	12.7	23.2	24.0	24.7	25.5	25.7	25.9	26.5	26.5	26.6	26.6	26.6	26.6	26.9	26.9	27.2	28.1
GE 700	12.9	24.9	25.7	26.5	27.2	27.4	27.6	28.2	28.2	28.3	28.3	28.3	28.3	28.6	28.6	28.9	29.8
GE 600	12.9	26.2	27.0	27.7	28.5	28.7	28.9	29.5	29.5	29.6	29.6	29.6	29.6	29.9	29.9	30.2	31.1
GE 500	13.3	30.1	31.4	32.2	32.9	33.1	33.3	33.9	33.9	34.0	34.0	34.0	34.0	34.3	34.3	34.6	35.5
GE 400	13.4	33.0	36.3	39.2	40.6	41.2	41.8	42.5	42.5	42.6	42.6	42.6	42.6	42.9	42.9	43.2	44.1
GE 300	13.4	35.5	39.9	46.2	49.2	50.1	51.0	51.9	51.9	52.0	52.0	52.4	52.4	53.1	53.1	53.7	54.6
GE 200	13.4	35.5	39.9	47.2	51.9	53.5	55.6	58.3	58.3	60.0	61.4	61.6	61.6	63.4	63.4	63.8	64.7
GE 100	13.4	35.5	39.9	47.2	52.2	54.0	56.5	59.1	59.1	61.8	63.4	63.9	63.9	66.9	66.9	68.0	68.9
GE 0	13.4	35.5	39.9	47.2	52.2	54.0	56.5	59.1	59.1	61.8	63.4	63.9	63.9	67.0	67.0	68.1	69.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-73-81,83
MONTH: JUL HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	10	9	8	7	6	5	4	3	2	1					
NO CEIL	7.8	12.5	13.0	13.2	13.6	14.0	14.3	14.4	14.6	14.8	14.8	14.8	14.8	15.4	16.3
GE 20000	7.8	12.6	13.1	13.4	13.8	14.3	14.5	14.6	14.8	15.0	15.0	15.0	15.0	15.6	16.6
GE 18000	7.9	12.8	13.3	13.5	13.9	14.4	14.6	14.7	14.9	15.1	15.1	15.1	15.1	15.7	16.7
GE 16000	7.9	12.8	13.3	13.6	14.0	14.5	14.7	14.8	15.0	15.2	15.2	15.2	15.2	15.8	16.8
GE 14000	7.9	12.9	13.4	13.7	14.3	14.8	15.0	15.1	15.3	15.5	15.5	15.5	15.5	16.3	17.1
GE 12000	8.0	13.0	13.5	13.8	14.4	14.9	15.1	15.2	15.4	15.6	15.6	15.6	15.6	16.4	17.5
GE 10000	8.0	13.2	13.7	14.0	14.6	15.1	15.3	15.4	15.6	15.9	15.9	15.9	15.9	16.8	17.7
GE 9000	8.0	13.2	13.7	14.0	14.6	15.1	15.3	15.4	15.6	15.9	15.9	15.9	15.9	16.8	17.7
GE 8000	8.0	13.2	13.7	14.0	14.6	15.1	15.3	15.4	15.6	15.9	15.9	15.9	15.9	16.8	17.7
GE 7000	8.0	13.2	13.7	14.0	14.6	15.1	15.3	15.4	15.6	15.9	15.9	15.9	15.9	16.8	17.7
GE 6000	8.0	13.2	13.7	14.0	14.6	15.1	15.3	15.4	15.6	15.9	15.9	15.9	15.9	16.8	17.7
GE 5000	8.0	13.2	13.7	14.0	14.6	15.1	15.3	15.4	15.6	15.9	15.9	15.9	15.9	16.8	17.7
GE 4500	8.0	13.2	13.7	14.0	14.6	15.1	15.3	15.4	15.6	15.9	15.9	15.9	15.9	16.8	17.7
GE 4000	8.0	13.2	13.7	14.0	14.6	15.1	15.3	15.4	15.6	15.9	15.9	15.9	15.9	16.8	17.7
GE 3500	8.0	13.2	13.7	14.0	14.6	15.1	15.3	15.4	15.6	15.9	15.9	15.9	15.9	16.8	17.7
GE 3000	8.0	13.2	13.7	14.0	14.6	15.1	15.3	15.4	15.6	15.9	15.9	15.9	15.9	16.8	17.7
GE 2500	8.0	13.2	13.7	14.0	14.6	15.1	15.3	15.4	15.6	15.9	15.9	15.9	15.9	16.8	17.7
GE 2000	8.4	13.5	14.0	14.4	14.9	15.4	15.6	15.8	16.0	16.2	16.2	16.2	16.2	17.1	18.0
GE 1800	8.4	13.5	14.0	14.4	14.9	15.4	15.6	15.8	16.0	16.2	16.2	16.2	16.2	17.1	18.0
GE 1500	8.4	13.7	14.3	14.6	15.1	15.6	16.0	16.1	16.3	16.5	16.5	16.5	16.5	17.5	18.3
GE 1200	8.5	14.4	14.9	15.2	15.8	16.3	16.6	16.7	16.9	17.1	17.1	17.1	17.1	18.1	19.0
GE 1000	8.9	15.3	15.9	16.2	16.7	17.3	17.6	17.7	17.9	18.1	18.1	18.1	18.1	19.1	19.9
GE 900	9.1	16.8	17.4	17.9	18.4	19.0	19.3	19.4	19.6	19.8	19.8	19.8	19.8	20.8	21.7
GE 800	9.3	17.8	18.4	19.0	19.5	20.0	20.4	20.5	20.7	20.9	20.9	20.9	20.9	21.9	22.7
GE 700	10.0	19.7	20.4	21.0	21.5	22.1	22.4	22.5	22.7	22.9	22.9	22.9	22.9	23.9	24.8
GE 600	10.1	20.9	21.7	22.3	22.8	23.4	23.7	23.8	24.0	24.2	24.2	24.2	24.2	25.2	26.0
GE 500	10.5	24.7	25.5	26.3	26.8	27.3	27.8	27.9	28.1	28.3	28.3	28.3	28.3	29.3	30.1
GE 400	10.5	27.1	28.8	30.7	31.4	32.5	33.2	33.3	33.5	33.9	33.9	33.9	33.9	34.8	35.7
GE 300	10.5	28.1	30.0	33.8	36.3	38.7	40.6	40.7	41.4	41.8	41.9	41.9	41.9	43.7	45.0
GE 200	10.5	28.1	30.2	34.1	38.7	42.8	46.5	46.7	48.1	49.6	50.1	50.1	50.1	58.6	64.8
GE 100	10.5	28.1	30.2	34.3	39.0	43.2	47.6	48.6	50.1	52.4	52.8	52.8	52.8	71.4	96.0
GE 01	10.5	28.1	30.2	34.3	39.0	43.2	47.6	48.6	50.1	52.4	52.8	52.8	52.8	71.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 933

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: 69-84
MONTH: JUL HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	J
NO CEIL	9.2	14.6	15.1	15.4	15.6	15.7	15.9	16.0	16.0	16.2	16.2	16.3	16.4	16.7	17.1	17.5
GE 20000	9.2	14.9	15.4	15.7	16.0	16.0	16.2	16.4	16.4	16.5	16.6	16.7	16.7	17.0	17.5	17.8
GE 18000	9.2	14.9	15.4	15.8	16.0	16.1	16.3	16.4	16.4	16.6	16.7	16.7	16.8	17.1	17.5	17.9
GE 16000	9.2	14.9	15.4	15.8	16.0	16.1	16.3	16.4	16.4	16.6	16.7	16.7	16.8	17.1	17.5	17.9
GE 14000	9.3	15.4	16.0	16.4	16.7	16.8	17.0	17.2	17.2	17.3	17.4	17.5	17.5	17.8	18.3	18.6
GE 12000	9.7	16.0	16.7	17.2	17.6	17.7	17.9	18.1	18.1	18.2	18.4	18.4	18.4	18.7	19.2	19.5
GE 10000	9.8	16.4	17.0	17.6	18.1	18.2	18.4	18.7	18.7	18.8	18.9	19.0	19.1	19.3	19.8	20.2
GE 9000	9.9	16.4	17.1	17.7	18.2	18.2	18.4	18.8	18.8	18.9	19.0	19.1	19.1	19.4	19.9	20.2
GE 8000	9.9	16.4	17.1	17.7	18.2	18.2	18.4	18.8	18.8	18.9	19.0	19.1	19.1	19.4	19.9	20.2
GE 7000	9.9	16.5	17.1	17.8	18.2	18.3	18.6	18.9	18.9	19.1	19.1	19.2	19.3	19.5	20.0	20.4
GE 6000	9.9	16.6	17.2	17.8	18.3	18.4	18.6	19.0	19.0	19.1	19.2	19.3	19.3	19.6	20.1	20.4
GE 5000	9.9	16.7	17.3	18.0	18.4	18.5	18.8	19.1	19.1	19.3	19.3	19.4	19.5	19.7	20.2	20.6
GE 4500	9.9	16.7	17.3	18.0	18.4	18.5	18.8	19.1	19.1	19.3	19.3	19.4	19.5	19.7	20.2	20.6
GE 4000	9.9	16.7	17.3	18.0	18.5	18.6	18.8	19.2	19.2	19.3	19.4	19.5	19.5	19.8	20.3	20.6
GE 3500	9.9	16.7	17.3	18.0	18.5	18.6	18.8	19.2	19.2	19.3	19.4	19.5	19.5	19.8	20.3	20.6
GE 3000	10.0	16.8	17.4	18.1	18.6	18.6	18.9	19.3	19.3	19.4	19.5	19.5	19.6	19.9	20.4	20.7
GE 2500	10.2	17.1	17.8	18.4	19.0	19.1	19.3	19.7	19.7	19.8	19.9	19.9	20.0	20.3	20.8	21.1
GE 2000	10.7	17.6	18.3	19.0	19.5	19.7	19.9	20.4	20.4	20.5	20.6	20.6	20.7	21.0	21.5	21.8
GE 1800	10.8	17.8	18.4	19.1	19.7	19.8	20.1	20.5	20.5	20.6	20.7	20.8	20.8	21.1	21.6	21.9
GE 1500	11.0	18.2	18.6	19.5	20.1	20.2	20.5	21.0	21.0	21.1	21.2	21.2	21.3	21.6	22.1	22.4
GE 1200	11.4	19.1	19.9	20.6	21.2	21.3	21.6	22.1	22.1	22.2	22.3	22.3	22.4	22.7	23.2	23.5
GE 1000	12.1	20.4	21.4	22.1	22.7	22.8	23.1	23.6	23.6	23.7	23.8	23.9	24.0	24.3	24.7	25.1
GE 900	12.3	21.4	22.5	23.4	24.0	24.2	24.5	24.9	24.9	25.1	25.2	25.2	25.4	25.6	26.1	26.5
GE 800	12.8	23.0	24.3	25.3	25.9	26.1	26.4	26.9	26.9	27.0	27.1	27.1	27.3	27.6	28.0	28.4
GE 700	13.0	24.4	25.8	26.9	27.6	27.9	28.3	28.9	28.9	29.0	29.1	29.2	29.3	29.6	30.1	30.4
GE 600	13.2	26.0	27.8	29.6	30.7	31.1	31.5	32.1	32.1	32.2	32.5	32.6	32.7	33.0	33.5	33.9
GE 500	13.3	27.8	30.2	33.2	35.0	35.6	36.2	36.9	36.9	37.1	37.4	37.4	37.6	37.9	38.7	39.0
GE 400	13.3	28.2	30.9	35.6	39.2	40.8	42.8	44.6	44.6	45.0	45.6	45.6	46.0	46.4	47.2	47.7
GE 300	13.3	28.3	31.1	36.7	41.5	43.3	46.5	51.1	51.4	53.3	54.9	55.3	57.0	57.8	59.8	61.0
GE 200	13.3	28.3	31.2	36.9	42.3	44.4	47.9	54.1	54.7	57.8	60.9	62.2	65.9	68.3	75.5	80.8
GE 100	13.3	28.3	31.2	36.9	42.4	44.5	48.0	54.2	55.0	58.5	61.8	63.5	68.2	71.2	82.4	97.6
GE 01	13.3	28.3	31.2	36.9	42.4	44.5	48.0	54.2	55.0	58.5	61.9	63.6	68.3	71.5	82.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 1459

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-84
 MONTH: JUL HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES																		
	1	2	3	4	5	6	10	1	1/2	1	1/4	1	3/4	1	5/8	1/2	5/16	1/4	0
NO CEIL	29.2	43.2	44.6	45.5	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 20000	29.3	43.9	45.4	46.3	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 18000	29.4	44.2	45.7	46.6	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 16000	29.5	44.6	46.1	47.0	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 14000	29.8	45.0	46.5	47.4	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 12000	30.3	45.9	47.5	48.5	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 10000	30.7	46.5	48.2	49.2	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 9000	30.8	46.6	48.3	49.3	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 8000	30.8	46.6	48.3	49.3	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 7000	30.8	46.7	48.5	49.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 6000	30.8	46.8	48.5	49.5	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 5000	30.9	47.1	48.8	49.8	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	50.4	50.4
GE 4500	30.9	47.1	48.8	49.8	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	50.4	50.4
GE 4000	30.9	47.1	48.8	49.8	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	50.4	50.4
GE 3500	30.9	47.1	48.9	49.9	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 3000	31.1	47.3	49.1	50.1	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 2500	31.2	47.4	49.2	50.2	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 2000	31.5	47.7	49.5	50.5	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 1800	32.0	48.4	50.2	51.2	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 1500	32.7	49.4	51.2	52.3	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 1200	33.8	51.8	53.6	54.7	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 1000	34.5	54.6	56.6	57.8	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 900	35.1	57.4	59.6	61.1	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 800	35.3	59.5	62.0	64.0	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 700	35.5	62.3	66.1	69.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 600	35.8	65.0	69.7	74.2	75.7	76.0	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 500	35.9	66.8	73.0	79.9	82.5	83.1	83.6	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 400	35.9	67.6	74.5	82.9	87.3	86.8	90.0	90.7	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 300	35.9	67.7	74.7	83.0	88.3	90.1	92.4	94.0	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 200	35.9	67.7	74.8	83.7	88.5	90.3	92.9	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 100	35.9	67.7	74.8	83.7	88.6	90.3	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 0	35.9	67.7	74.8	83.7	88.6	90.3	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

TOTAL NUMBER OF OBSERVATIONS: 1665

GLOBAL CLIMATOLOGY BRANCH
USAFETYAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VFRSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-84
MONTH: JUL HOURS(LST): 1200-1400

CEILING VISIBILITY IN STATUTE MILES

IN FEET	VISIBILITY IN STATUTE MILES														
	10	6	5	4	3	2 1/2	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	41.3	66.6	68.0	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 20000	41.6	67.6	69.0	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 18000	41.6	68.0	69.5	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 16000	41.8	68.3	69.8	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 14000	42.0	68.8	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
GE 12000	42.4	69.5	71.0	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 10000	42.7	70.1	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
GE 9000	42.7	70.1	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
GE 8000	42.7	70.1	71.6	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 7000	42.7	70.2	71.6	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 6000	42.8	70.5	71.9	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 5000	42.8	70.7	72.1	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 4500	42.8	70.7	72.1	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 4000	43.0	70.8	72.3	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 3500	43.0	70.8	72.3	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 3000	43.0	70.6	72.3	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 2500	43.2	71.1	72.0	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 2000	43.7	71.9	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
GE 1800	44.0	72.2	73.6	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 1500	44.5	73.2	74.0	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 1200	45.1	74.6	76.1	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 1000	46.1	77.4	79.2	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 900	47.1	80.6	82.8	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 800	47.3	83.6	86.1	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 700	47.4	85.2	88.7	90.0	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 600	47.7	87.2	91.3	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 500	47.8	89.1	93.7	96.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 400	47.8	89.5	94.5	97.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 300	47.8	89.6	94.6	97.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 200	47.8	89.6	94.6	97.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 100	47.8	89.6	94.6	97.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 0	47.8	89.6	94.6	97.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS: 1660

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-84
MONTH: JUL HOURS(IST): 1500-1700

CEILING VISIBILITY IN STATUTE MILES

FEET	VISIBILITY IN STATUTE MILES														
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	5/8	1/2	5/16	1/4	0
NO CEIL	37.4	54.4	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 20000	37.9	55.1	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 18000	38.1	55.3	56.4	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 16000	38.1	55.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 14000	38.4	56.0	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 12000	38.8	56.5	57.5	57.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 10000	39.2	57.2	58.3	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 9000	39.3	57.3	58.4	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 8000	39.4	57.4	58.5	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 7000	39.4	57.4	58.5	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 6000	39.4	57.5	58.6	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 5000	39.4	57.6	58.7	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 4000	39.4	57.6	58.7	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 3500	39.4	57.7	58.8	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 3000	39.4	57.8	58.9	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 2500	39.6	58.1	59.2	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 2000	39.6	58.2	59.3	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 1800	39.6	58.3	59.4	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 1500	40.0	59.0	60.1	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 1200	41.0	61.0	62.1	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 1000	42.3	64.1	65.3	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 900	43.7	68.5	70.0	70.5	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 800	44.5	73.3	75.6	76.6	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 700	44.9	77.3	80.3	82.0	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 600	45.2	80.7	84.4	86.9	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 500	45.4	82.7	87.7	92.1	93.5	93.8	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 400	45.4	83.2	88.6	93.8	95.7	96.2	96.8	97.0	97.1	97.3	97.3	97.3	97.3	97.4	97.4
GE 300	45.4	83.3	88.9	94.3	96.8	97.5	98.0	98.6	98.6	98.8	99.0	99.1	99.2	99.2	99.2
GE 200	45.4	83.3	88.9	94.4	96.9	97.6	98.1	98.8	98.8	99.1	99.4	99.5	99.7	99.8	99.8
GE 100	45.4	83.3	88.9	94.4	96.9	97.6	98.1	98.8	98.8	99.2	99.5	99.7	99.8	99.9	100.0
GE 0	45.4	83.3	88.9	94.4	96.9	97.6	98.1	98.8	98.8	99.2	99.5	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 1453

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-74,79,81-83
 MONTH: JUL HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	1	2	3	4	5	6	2 1/2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	L
NO CEIL	33.0	34.1	34.2	34.5	34.6	34.6	34.6	34.8	34.9	35.0	35.0	35.0	35.0	35.1	35.1
GE 20000	24.9	34.5	34.6	34.9	35.0	35.0	35.2	35.3	35.4	35.4	35.4	35.4	35.4	35.5	35.5
GE 18000	24.9	34.6	34.7	35.0	35.1	35.1	35.3	35.4	35.5	35.5	35.5	35.5	35.5	35.6	35.6
GE 16000	24.9	34.6	34.7	35.0	35.1	35.1	35.3	35.4	35.5	35.5	35.5	35.5	35.5	35.6	35.6
GE 14000	25.0	34.8	35.0	35.3	35.4	35.4	35.6	35.7	35.8	35.9	35.9	35.9	35.9	36.0	36.0
GE 12000	25.2	34.9	35.3	35.6	36.0	36.1	36.2	36.4	36.5	36.5	36.6	36.6	36.6	36.7	36.7
GE 10000	25.5	35.8	36.1	36.5	36.6	36.6	36.8	36.9	37.0	37.0	37.1	37.1	37.1	37.2	37.2
GE 9000	25.7	36.0	36.3	36.6	36.7	36.7	36.8	37.0	37.1	37.2	37.3	37.3	37.3	37.4	37.4
GE 8000	25.7	36.0	36.3	36.6	36.7	36.7	36.8	37.0	37.1	37.2	37.3	37.3	37.3	37.4	37.4
GE 7000	25.7	36.0	36.3	36.6	36.7	36.7	36.8	37.0	37.1	37.2	37.3	37.3	37.3	37.4	37.4
GE 6000	25.7	36.0	36.3	36.6	36.7	36.7	36.8	37.0	37.1	37.2	37.3	37.3	37.3	37.4	37.4
GE 5000	25.7	36.0	36.3	36.6	36.7	36.7	36.8	37.0	37.1	37.2	37.3	37.3	37.3	37.4	37.4
GE 4500	25.7	36.0	36.3	36.6	36.7	36.7	36.8	37.0	37.1	37.2	37.3	37.3	37.3	37.4	37.4
GE 4000	25.7	36.0	36.3	36.6	36.7	36.7	36.8	37.0	37.1	37.2	37.3	37.3	37.3	37.4	37.4
GE 3500	25.7	36.0	36.3	36.6	36.7	36.7	36.8	37.0	37.1	37.2	37.3	37.3	37.3	37.4	37.4
GE 3000	25.7	36.0	36.3	36.6	36.7	36.7	36.8	37.0	37.1	37.2	37.3	37.3	37.3	37.4	37.4
GE 2500	25.7	36.1	36.4	36.7	36.8	36.8	36.9	37.1	37.2	37.3	37.4	37.4	37.4	37.5	37.5
GE 2000	25.7	36.1	36.4	36.7	36.8	36.8	36.9	37.1	37.2	37.3	37.4	37.4	37.4	37.5	37.5
GE 1800	25.7	36.1	36.4	36.7	36.8	36.8	36.9	37.1	37.2	37.3	37.4	37.4	37.4	37.5	37.5
GE 1500	25.8	36.3	36.5	36.9	37.0	37.1	37.3	37.4	37.5	37.6	37.6	37.6	37.6	37.7	37.7
GE 1200	26.3	36.5	37.2	37.6	37.7	37.8	38.0	38.1	38.2	38.3	38.3	38.3	38.3	38.4	38.4
GE 1000	27.6	38.4	39.1	39.4	39.6	39.6	39.8	39.9	40.0	40.1	40.1	40.1	40.1	40.2	40.2
GE 900	28.5	40.5	41.2	41.6	41.8	41.8	41.9	42.0	42.1	42.2	42.2	42.2	42.2	42.3	42.3
GE 800	29.5	43.2	43.9	44.3	44.6	44.7	44.8	45.0	45.1	45.2	45.3	45.3	45.3	45.4	45.4
GE 700	31.1	47.3	48.2	49.3	49.7	49.8	50.0	50.1	50.2	50.3	50.4	50.4	50.4	50.5	50.5
GE 600	31.5	50.7	52.3	54.1	54.7	54.9	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.5	55.5
GE 500	31.9	55.1	57.6	61.0	62.5	62.7	62.9	63.3	63.4	63.5	63.5	63.5	63.5	63.6	63.6
GE 400	32.1	57.6	61.7	67.0	69.9	70.3	71.2	71.7	71.9	72.1	72.4	72.4	72.4	72.5	72.5
GE 300	32.1	58.2	62.7	69.5	74.2	74.7	76.2	77.5	77.7	78.5	79.2	79.6	79.7	80.0	80.0
GE 200	32.1	58.2	62.8	70.0	75.5	76.4	78.6	80.7	81.2	82.4	84.6	85.7	87.3	88.3	89.0
GE 100	32.1	58.2	62.8	70.0	75.5	76.4	78.6	80.9	81.4	82.8	85.1	86.5	88.6	89.8	91.0
GE 01	32.1	58.2	62.8	70.0	75.5	76.4	78.6	80.9	81.4	82.8	85.1	86.5	88.6	89.8	91.0

TOTAL NUMBER OF OBSERVATIONS: 1037

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-74,83
 MONTH: JUL HOURS(LST): 2100-2300

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	16.7	28.5	28.5	28.6	28.6	28.7	28.8	28.9	28.9	29.0	29.0	29.1	29.1	29.2	29.4	29.9
GE 20000	16.7	28.7	28.7	28.8	28.8	28.9	29.0	29.1	29.1	29.2	29.2	29.3	29.3	29.4	29.6	30.1
GE 18000	16.7	28.7	28.7	28.8	28.8	28.9	29.0	29.1	29.1	29.2	29.2	29.3	29.3	29.4	29.6	30.1
GE 16000	16.7	28.7	28.7	28.8	28.8	28.9	29.0	29.1	29.1	29.2	29.2	29.3	29.3	29.4	29.6	30.1
GE 14000	16.7	28.8	28.8	28.9	28.9	29.0	29.1	29.2	29.2	29.3	29.3	29.4	29.4	29.5	29.7	30.2
GE 12000	16.7	29.3	29.3	29.4	29.5	29.5	29.6	29.7	29.8	29.9	29.9	30.0	30.0	30.1	30.3	30.8
GE 10000	16.8	29.4	29.4	29.5	29.6	29.7	29.8	29.9	29.9	30.0	30.0	30.1	30.1	30.2	30.4	30.9
GE 9000	16.8	29.4	29.4	29.5	29.6	29.7	29.8	29.9	29.9	30.0	30.0	30.1	30.1	30.2	30.4	30.9
GE 8000	16.8	29.4	29.4	29.5	29.6	29.7	29.8	29.9	29.9	30.0	30.0	30.1	30.1	30.2	30.4	30.9
GE 7000	16.8	29.4	29.4	29.5	29.6	29.7	29.8	29.9	29.9	30.0	30.0	30.1	30.1	30.2	30.4	30.9
GE 6000	16.8	29.4	29.4	29.5	29.6	29.7	29.8	29.9	29.9	30.0	30.0	30.1	30.1	30.2	30.4	30.9
GE 5000	16.8	29.4	29.4	29.5	29.6	29.7	29.8	29.9	29.9	30.0	30.0	30.1	30.1	30.2	30.4	30.9
GE 4500	16.8	29.4	29.4	29.5	29.6	29.7	29.8	29.9	29.9	30.0	30.0	30.1	30.1	30.2	30.4	30.9
GE 4000	16.8	29.4	29.4	29.5	29.6	29.7	29.8	29.9	29.9	30.0	30.0	30.1	30.1	30.2	30.4	30.9
GE 3500	16.8	29.4	29.4	29.5	29.6	29.7	29.8	29.9	29.9	30.0	30.0	30.1	30.1	30.2	30.4	30.9
GE 3000	16.8	29.4	29.4	29.5	29.6	29.7	29.8	29.9	29.9	30.0	30.0	30.1	30.1	30.2	30.4	30.9
GE 2500	16.8	29.4	29.4	29.5	29.6	29.7	29.8	29.9	29.9	30.0	30.0	30.1	30.1	30.2	30.4	30.9
GE 2000	16.8	29.4	29.4	29.5	29.6	29.7	29.8	29.9	29.9	30.0	30.0	30.1	30.1	30.2	30.4	30.9
GE 1800	16.8	29.4	29.4	29.5	29.6	29.7	29.8	29.9	29.9	30.0	30.0	30.1	30.1	30.2	30.4	30.9
GE 1500	17.0	29.6	29.6	29.7	29.8	29.9	30.0	30.1	30.1	30.2	30.2	30.3	30.3	30.4	30.6	31.1
GE 1200	17.1	29.7	29.8	29.9	30.0	30.1	30.2	30.3	30.3	30.4	30.4	30.5	30.5	30.6	30.8	31.3
GE 1000	17.4	30.4	30.5	30.6	30.7	30.8	30.9	31.0	31.0	31.1	31.1	31.2	31.2	31.3	31.5	32.0
GE 900	17.6	31.4	31.5	31.6	31.7	31.8	31.9	32.0	32.0	32.1	32.1	32.2	32.2	32.3	32.5	33.0
GE 800	18.1	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.7	33.8	33.8	33.9	33.9	34.0	34.2	34.7
GE 700	18.2	35.0	35.1	35.2	35.3	35.4	35.5	35.6	35.6	35.7	35.7	35.8	35.8	35.9	36.1	36.6
GE 600	18.8	38.4	38.5	38.8	39.0	39.1	39.2	39.3	39.3	39.4	39.4	39.5	39.5	39.6	39.8	40.3
GE 500	19.3	42.2	43.0	43.9	44.1	44.3	44.4	44.5	44.5	44.6	44.6	44.7	44.7	44.8	45.0	45.5
GE 400	19.5	47.3	49.1	52.1	52.8	53.2	53.4	53.5	53.7	53.8	53.8	53.9	54.0	54.2	54.7	55.2
GE 300	19.6	48.7	51.4	56.7	60.4	61.5	61.8	62.3	62.6	62.8	62.9	63.2	63.3	63.5	64.1	64.6
GE 200	19.6	49.2	52.2	58.4	64.2	65.6	67.2	69.1	70.0	71.1	72.6	73.2	74.2	75.2	76.2	76.8
GE 100	19.6	49.2	52.2	58.4	64.4	65.9	67.7	70.2	71.2	73.7	75.7	76.6	78.2	79.4	80.7	81.3
GE 0	19.6	49.2	52.2	58.4	64.4	65.9	67.7	70.2	71.2	73.7	75.7	76.6	78.3	79.5	81.1	81.7

TOTAL NUMBER OF OBSERVATIONS: 996

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: 64-84
MONTH: JUL HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	U
NO CEIL	24.3	37.2	38.0	38.4	38.6	38.7	38.8	38.9	38.9	39.0	39.0	39.1	39.1	39.1	39.3	39.6
GE 20000	24.4	37.7	38.5	38.9	39.2	39.2	39.3	39.5	39.5	39.6	39.6	39.6	39.6	39.7	39.9	40.1
GE 18000	24.5	37.8	38.7	39.1	39.4	39.4	39.5	39.6	39.7	39.7	39.8	39.8	39.8	39.9	40.1	40.3
GE 16000	24.5	38.0	38.8	39.2	39.5	39.6	39.7	39.8	39.8	39.9	40.0	40.0	40.0	40.0	40.2	40.5
GE 14000	24.7	38.3	39.2	39.6	39.9	39.9	40.1	40.2	40.2	40.3	40.3	40.4	40.4	40.4	40.6	40.9
GE 12000	25.0	38.8	39.7	40.2	40.5	40.6	40.7	40.9	40.9	41.0	41.0	41.1	41.1	41.1	41.3	41.6
GE 10000	25.2	39.3	40.2	40.7	41.0	41.1	41.2	41.4	41.4	41.4	41.4	41.5	41.5	41.6	41.8	42.1
GE 9000	25.3	39.3	40.2	40.7	41.1	41.1	41.3	41.4	41.4	41.5	41.5	41.6	41.6	41.7	41.9	42.1
GE 8000	25.3	39.3	40.3	40.8	41.1	41.2	41.3	41.4	41.4	41.5	41.6	41.6	41.6	41.7	41.9	42.1
GE 7000	25.3	39.4	40.3	40.8	41.1	41.2	41.3	41.5	41.5	41.6	41.6	41.7	41.7	41.8	41.9	42.2
GE 6000	25.3	39.5	40.4	40.9	41.2	41.3	41.4	41.6	41.6	41.7	41.7	41.8	41.8	41.8	42.0	42.3
GE 5000	25.3	39.6	40.5	41.0	41.3	41.4	41.5	41.7	41.7	41.8	41.8	41.9	41.9	42.0	42.1	42.4
GE 4000	25.4	39.6	40.5	41.1	41.4	41.5	41.6	41.8	41.7	41.8	41.8	41.9	41.9	42.0	42.1	42.4
GE 3500	25.4	39.6	40.6	41.1	41.4	41.5	41.6	41.8	41.7	41.8	41.8	41.9	41.9	42.0	42.1	42.4
GE 3000	25.4	39.7	40.6	41.1	41.5	41.5	41.7	41.8	41.8	41.9	41.9	42.0	42.0	42.1	42.2	42.5
GE 2500	25.5	39.8	40.6	41.3	41.6	41.7	41.8	42.0	42.0	42.1	42.1	42.1	42.2	42.2	42.4	42.7
GE 2000	25.7	40.1	41.1	41.6	41.9	42.0	42.1	42.3	42.3	42.4	42.4	42.5	42.5	42.6	42.8	43.0
GE 1800	25.9	40.3	41.3	41.8	42.1	42.2	42.3	42.5	42.5	42.6	42.6	42.7	42.7	42.8	43.0	43.2
GE 1500	26.2	40.9	41.8	42.4	42.7	42.8	42.9	43.1	43.1	43.2	43.2	43.3	43.3	43.4	43.6	43.8
GE 1200	26.7	42.1	43.1	43.6	44.0	44.1	44.2	44.4	44.4	44.5	44.5	44.6	44.6	44.6	44.8	45.1
GE 1000	27.5	44.0	45.1	45.7	46.1	46.2	46.3	46.5	46.5	46.6	46.6	46.7	46.7	46.7	46.9	47.2
GE 900	28.2	46.3	47.6	48.3	48.7	48.8	48.9	49.1	49.1	49.2	49.2	49.3	49.4	49.4	49.6	49.8
GE 800	28.6	48.7	50.3	51.2	51.6	51.9	52.1	52.1	52.1	52.2	52.3	52.4	52.4	52.4	52.6	52.9
GE 700	29.0	51.2	53.2	54.6	55.2	55.3	55.5	55.7	55.7	55.8	55.9	55.9	56.0	56.0	56.2	56.4
GE 600	29.3	53.6	56.1	58.2	58.9	59.1	59.3	59.6	59.6	59.7	59.8	59.8	59.9	60.1	60.1	60.4
GE 500	29.5	56.3	59.6	62.9	64.2	64.5	64.8	65.2	65.3	65.3	65.4	65.6	65.6	65.6	65.8	66.1
GE 400	29.5	57.8	62.0	66.6	68.8	69.5	70.3	71.0	71.1	71.3	71.5	71.7	71.8	72.1	72.1	72.3
GE 300	29.6	58.4	62.9	68.6	72.0	72.9	74.3	75.9	76.0	76.6	77.1	77.7	77.9	78.4	78.4	78.9
GE 200	29.6	58.5	63.0	69.0	73.1	74.2	76.2	78.5	78.9	80.0	81.3	81.8	83.2	83.9	86.5	88.8
GE 100	29.6	58.5	63.0	69.1	73.2	74.4	76.4	78.9	79.3	80.8	82.3	82.9	84.8	85.8	91.0	98.5
GE 01	29.6	58.5	63.0	69.1	73.2	74.4	76.4	78.9	79.3	80.8	82.3	82.9	84.8	85.9	91.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 10133

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: 64-73,78,81,83-84
MONTH: AUG HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES																		
	10	9	8	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	10.0	18.8	19.3	20.2	21.1	21.1	21.1	21.1	21.3	21.5	21.6	22.0	22.0	22.5	22.5	22.5	23.0	23.0	23.7
GE 20000	10.0	19.0	19.5	20.4	21.3	21.3	21.3	21.3	21.5	21.7	21.8	22.2	22.2	22.7	22.7	22.7	23.3	23.3	23.9
GE 18000	10.0	19.0	19.5	20.4	21.3	21.3	21.3	21.3	21.5	21.7	21.8	22.2	22.2	22.7	22.7	22.7	23.3	23.3	23.9
GE 16000	10.0	19.0	19.5	20.4	21.3	21.3	21.3	21.3	21.5	21.7	21.8	22.2	22.2	22.7	22.7	22.7	23.3	23.3	23.9
GE 14000	10.2	19.2	19.7	20.6	21.5	21.5	21.5	21.5	21.7	21.9	22.0	22.4	22.4	22.9	22.9	22.9	23.5	23.5	24.3
GE 12000	10.2	19.3	19.8	20.8	21.6	21.6	21.6	21.6	21.8	22.0	22.1	22.5	22.5	23.0	23.0	23.0	23.6	23.6	24.4
GE 10000	10.2	19.3	19.8	20.8	21.6	21.6	21.6	21.6	21.8	22.0	22.1	22.5	22.5	23.0	23.0	23.0	23.6	23.6	24.4
GE 9000	10.2	19.3	19.8	20.8	21.6	21.6	21.6	21.6	21.8	22.0	22.1	22.5	22.5	23.0	23.0	23.0	23.6	23.6	24.4
GE 8000	10.5	19.6	20.1	21.1	21.9	22.1	22.1	22.1	22.3	22.5	22.6	23.0	23.0	23.6	23.6	23.6	24.2	25.0	25.0
GE 7000	10.5	19.6	20.1	21.1	21.9	22.1	22.1	22.1	22.3	22.5	22.6	23.0	23.0	23.6	23.6	23.6	24.2	25.0	25.0
GE 6000	10.5	19.6	20.1	21.1	21.9	22.1	22.1	22.1	22.3	22.5	22.6	23.0	23.0	23.6	23.6	23.6	24.2	25.0	25.0
GE 5000	10.5	19.6	20.1	21.1	21.9	22.1	22.1	22.1	22.3	22.5	22.6	23.0	23.0	23.6	23.6	23.6	24.2	25.0	25.0
GE 4500	10.5	19.6	20.1	21.1	21.9	22.1	22.1	22.1	22.3	22.5	22.6	23.0	23.0	23.6	23.6	23.6	24.2	25.0	25.0
GE 4000	10.5	19.6	20.1	21.1	21.9	22.1	22.1	22.1	22.3	22.5	22.6	23.0	23.0	23.6	23.6	23.6	24.2	25.0	25.0
GE 3500	10.5	19.7	20.2	21.2	22.0	22.2	22.2	22.2	22.4	22.6	22.7	23.1	23.1	23.7	23.7	23.7	24.3	25.1	25.1
GE 3000	10.5	19.8	20.3	21.3	22.1	22.3	22.3	22.3	22.5	22.7	22.8	23.3	23.3	23.8	23.8	23.8	24.4	25.2	25.2
GE 2500	10.5	19.8	20.3	21.3	22.1	22.3	22.3	22.3	22.5	22.7	22.8	23.3	23.3	23.8	23.8	23.8	24.4	25.2	25.2
GE 2000	10.5	19.9	20.4	21.4	22.2	22.4	22.4	22.4	22.6	22.8	22.9	23.4	23.4	23.9	23.9	23.9	24.5	25.3	25.3
GE 1800	10.5	20.1	20.6	21.6	22.4	22.6	22.6	22.6	22.8	23.0	23.1	23.6	23.6	24.1	24.1	24.1	24.7	25.5	25.5
GE 1500	10.5	20.4	21.0	21.9	22.7	22.9	22.9	22.9	23.1	23.4	23.5	23.9	23.9	24.4	24.4	24.4	25.0	25.9	25.9
GE 1200	10.5	20.8	21.3	22.2	23.0	23.3	23.3	23.3	23.5	23.7	23.8	24.2	24.2	24.7	24.7	24.7	25.3	26.2	26.2
GE 1000	10.5	21.4	21.9	22.8	23.7	23.9	23.9	23.9	24.1	24.3	24.4	24.8	24.8	25.3	25.3	25.3	26.0	26.8	26.8
GE 900	10.7	22.1	22.6	23.6	24.6	24.8	24.8	24.8	25.1	25.3	25.4	25.9	25.9	26.4	26.4	26.4	27.0	27.8	27.8
GE 800	10.7	23.1	23.7	24.8	25.7	25.9	25.9	25.9	26.2	26.4	26.5	26.9	26.9	27.4	27.4	27.4	28.1	28.9	28.9
GE 700	10.9	24.8	25.3	26.5	27.3	27.5	27.5	27.5	27.8	28.1	28.2	28.6	28.6	29.1	29.1	29.1	29.7	30.6	30.6
GE 600	10.9	26.5	27.0	28.3	29.1	29.3	29.3	29.3	29.6	29.8	29.9	30.3	30.3	30.9	30.9	30.9	31.5	32.3	32.3
GE 500	11.3	28.4	29.1	30.6	31.4	31.6	31.6	31.6	32.2	32.4	32.5	33.0	33.0	33.5	33.5	33.5	34.1	34.9	34.9
GE 400	11.4	31.7	33.4	36.4	38.0	38.2	38.2	38.2	39.0	39.2	39.3	39.8	39.8	40.4	40.4	40.4	41.1	41.9	41.9
GE 300	11.4	32.6	34.8	39.9	43.6	44.1	44.1	44.1	45.2	45.7	45.8	46.3	46.5	47.1	47.1	47.1	48.4	49.6	49.6
GE 200	11.4	32.6	35.3	41.4	45.9	46.6	46.6	46.6	48.3	52.0	52.9	55.5	57.1	57.5	57.5	59.6	66.6	70.4	70.4
GE 100	11.4	32.6	35.3	41.5	46.2	47.0	47.0	47.0	48.7	52.8	53.7	56.7	59.3	62.5	62.5	64.2	78.3	96.9	96.9
GE 0	11.4	32.6	35.3	41.5	46.2	47.0	47.0	47.0	48.7	52.8	53.7	56.7	59.3	62.5	62.5	64.2	78.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 959

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: 64-73,78,81-82,84
MONTH: AUG HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES																		
	10	9	8	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	6.4	11.2	11.2	11.4	12.0	12.0	12.0	12.0	12.1	12.3	12.7	12.9	13.2	13.3	13.6	14.2	14.9	15.6	
GE 20000	6.4	11.2	11.2	11.4	12.0	12.0	12.0	12.0	12.1	12.3	12.7	12.9	13.2	13.3	13.6	14.3	15.0	15.7	
GE 18000	6.4	11.2	11.2	11.4	12.0	12.0	12.0	12.0	12.1	12.3	12.7	12.9	13.2	13.3	13.6	14.3	15.0	15.7	
GE 16000	6.4	11.2	11.2	11.4	12.0	12.0	12.0	12.0	12.1	12.3	12.7	12.9	13.2	13.3	13.6	14.3	15.0	15.7	
GE 14000	6.5	11.3	11.3	11.5	12.1	12.1	12.1	12.1	12.2	12.4	12.8	13.0	13.3	13.4	13.7	14.4	15.1	15.8	
GE 12000	6.6	11.6	11.6	11.8	12.4	12.4	12.4	12.4	12.6	12.8	13.1	13.4	13.7	13.8	14.1	14.9	15.5	16.2	
GE 10000	7.1	12.2	12.2	12.4	13.1	13.1	13.1	13.2	13.2	13.4	13.7	14.0	14.3	14.4	14.7	15.5	16.1	16.8	
GE 9000	7.1	12.2	12.2	12.4	13.1	13.1	13.1	13.2	13.2	13.4	13.7	14.0	14.3	14.4	14.7	15.5	16.4	17.2	
GE 8000	7.3	12.6	12.7	12.9	13.5	13.5	13.5	13.6	13.6	13.8	14.1	14.4	14.7	14.9	15.2	15.9	16.8	17.6	
GE 7000	7.3	12.6	12.7	12.9	13.5	13.5	13.5	13.6	13.6	13.8	14.1	14.4	14.7	14.9	15.2	15.9	16.8	17.6	
GE 6000	7.3	12.6	12.7	12.9	13.5	13.5	13.5	13.6	13.6	13.8	14.1	14.4	14.7	14.9	15.2	15.9	16.8	17.6	
GE 5000	7.3	12.6	12.7	12.9	13.5	13.5	13.5	13.6	13.6	13.8	14.1	14.4	14.7	14.9	15.2	15.9	16.8	17.6	
GE 4500	7.3	12.6	12.7	12.9	13.5	13.5	13.5	13.6	13.6	13.8	14.1	14.4	14.7	14.9	15.2	15.9	16.8	17.6	
GE 4000	7.3	12.6	12.7	12.9	13.5	13.5	13.5	13.6	13.6	13.8	14.1	14.4	14.7	14.9	15.2	15.9	16.8	17.6	
GE 3500	7.3	12.6	12.7	12.9	13.5	13.5	13.5	13.6	13.6	13.8	14.1	14.4	14.7	14.9	15.2	15.9	16.8	17.6	
GE 3000	7.3	12.7	12.8	13.0	13.6	13.6	13.6	13.7	13.7	13.9	14.2	14.5	14.9	15.0	15.3	16.0	16.9	17.7	
GE 2500	7.3	12.9	13.0	13.2	13.8	13.8	13.8	13.9	13.9	14.1	14.4	14.7	15.1	15.2	15.5	16.2	17.2	17.9	
GE 2000	7.3	13.5	13.6	13.8	14.4	14.4	14.4	14.5	14.5	14.7	15.1	15.4	15.7	15.8	16.1	16.8	17.8	18.5	
GE 1800	7.3	13.5	13.6	13.8	14.4	14.4	14.4	14.5	14.5	14.7	15.1	15.4	15.7	15.8	16.1	16.8	17.8	18.5	
GE 1500	7.3	14.0	14.1	14.3	15.0	15.0	15.0	15.1	15.1	15.3	15.6	15.9	16.2	16.3	16.6	17.4	18.3	19.0	
GE 1200	7.4	14.3	14.4	14.6	15.3	15.3	15.3	15.4	15.4	15.6	15.9	16.2	16.5	16.6	16.9	17.7	18.6	19.4	
GE 1000	7.4	14.7	14.9	15.1	15.7	15.7	15.7	15.8	15.8	16.0	16.3	16.6	16.9	17.1	17.4	18.1	19.0	19.8	
GE 900	7.7	15.7	15.8	16.1	16.7	16.7	16.7	16.8	16.8	17.1	17.4	17.7	18.0	18.1	18.4	19.1	20.1	20.8	
GE 800	7.7	16.2	16.3	16.6	17.3	17.3	17.3	17.4	17.4	17.6	17.9	18.2	18.5	18.6	18.9	19.7	20.6	21.3	
GE 700	7.7	17.6	17.7	18.0	18.7	18.7	18.7	18.8	18.8	19.0	19.4	19.7	20.0	20.1	20.4	21.1	22.1	22.8	
GE 600	7.7	18.9	19.2	20.0	20.7	20.7	20.7	20.8	20.8	21.0	21.3	21.7	22.0	22.1	22.4	23.1	24.1	24.8	
GE 500	7.7	20.2	20.8	21.7	22.4	22.4	22.4	22.5	22.5	22.8	23.1	23.4	23.7	23.8	24.2	24.9	25.8	26.6	
GE 400	7.7	22.5	23.4	26.2	27.2	27.2	27.2	27.5	27.5	27.9	28.3	28.7	29.1	29.2	29.5	30.2	31.2	31.9	
GE 300	7.8	23.2	25.5	28.7	30.8	30.9	31.6	31.6	31.6	33.1	33.6	34.4	34.9	35.0	35.6	36.4	37.8	39.3	
GE 200	7.8	23.4	25.9	30.1	34.1	34.4	36.3	36.3	36.3	39.0	39.7	42.1	43.5	44.0	46.1	47.7	50.7	51.6	
GE 100	7.8	23.4	25.9	30.1	34.2	34.6	36.6	36.6	36.6	39.5	40.6	43.3	45.1	46.0	49.0	52.2	70.4	96.2	
GE 01	7.8	23.4	25.9	30.1	34.2	34.6	36.6	36.6	36.6	39.5	40.6	43.3	45.1	46.0	49.0	52.2	70.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 956

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VENSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-84
MONTH: AUG HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES																		
	10	9	8	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	8.1	13.1	13.9	14.3	14.8	15.1	15.5	15.5	15.5	15.5	15.5	15.5	15.7	16.1	16.3	16.5	16.8	17.3	17.8
GE 20000	8.3	13.3	14.1	14.6	15.1	15.4	15.7	15.8	15.8	15.8	15.8	15.8	16.0	16.4	16.5	16.8	17.1	17.5	18.1
GE 18000	8.5	13.5	14.3	14.8	15.3	15.6	15.9	16.0	16.0	16.0	16.0	16.0	16.2	16.6	16.7	17.0	17.3	17.7	18.3
GE 16000	8.5	13.5	14.3	14.8	15.3	15.6	15.9	16.0	16.0	16.0	16.0	16.0	16.2	16.6	16.7	17.0	17.3	17.7	18.3
GE 14000	8.7	13.9	14.7	15.1	15.7	16.1	16.5	16.5	16.5	16.5	16.5	16.5	16.7	17.1	17.3	17.5	17.9	18.3	18.9
GE 12000	9.0	14.3	15.1	15.6	16.2	16.5	17.0	17.1	17.1	17.1	17.1	17.1	17.3	17.7	17.9	18.1	18.5	18.9	19.5
GE 10000	9.4	15.0	15.8	16.3	16.9	17.2	17.7	17.8	17.8	17.8	17.8	18.1	18.5	18.6	18.6	18.9	19.2	19.7	20.3
GE 9000	9.5	15.1	15.9	16.3	16.9	17.3	17.8	17.9	17.9	17.9	18.1	18.5	18.9	18.9	18.9	19.3	19.8	20.3	20.6
GE 8000	9.7	15.3	16.1	16.6	17.2	17.5	18.1	18.1	18.1	18.1	18.4	18.8	18.9	19.2	19.5	20.1	20.6	20.6	20.6
GE 7000	9.7	15.3	16.1	16.6	17.2	17.5	18.1	18.1	18.1	18.4	18.8	18.9	19.2	19.5	20.1	20.6	20.6	20.6	20.6
GE 6000	9.7	15.3	16.1	16.6	17.2	17.5	18.1	18.1	18.1	18.4	18.8	18.9	19.2	19.5	20.1	20.6	20.6	20.6	20.6
GE 5000	9.7	15.4	16.2	16.7	17.3	17.6	18.2	18.3	18.3	18.3	18.5	18.9	19.1	19.3	19.7	20.2	20.7	20.7	20.7
GE 4500	9.7	15.4	16.2	16.7	17.3	17.6	18.2	18.3	18.3	18.3	18.5	18.9	19.1	19.3	19.7	20.2	20.7	20.7	20.7
GE 4000	9.8	15.5	16.3	16.7	17.3	17.7	18.3	18.3	18.3	18.3	18.6	19.0	19.1	19.4	19.7	20.3	20.8	20.8	20.8
GE 3500	9.9	15.5	16.3	16.8	17.4	17.7	18.3	18.4	18.4	18.4	18.7	19.1	19.2	19.5	19.8	20.3	20.9	20.9	20.9
GE 3000	9.9	15.7	16.5	17.0	17.6	17.9	18.5	18.6	18.6	18.6	18.9	19.3	19.4	19.7	20.0	20.5	21.1	21.1	21.1
GE 2500	10.3	16.1	16.9	17.5	18.1	18.4	19.0	19.1	19.1	19.1	19.3	19.7	19.9	20.1	20.5	21.0	21.5	21.5	21.5
GE 2000	10.3	16.2	17.0	17.5	18.1	18.5	19.1	19.1	19.1	19.1	19.4	19.8	19.9	20.2	20.5	21.1	21.6	21.6	21.6
GE 1800	10.3	16.5	17.3	17.9	18.5	18.8	19.4	19.5	19.5	19.5	19.7	20.1	20.3	20.5	20.9	21.4	21.9	21.9	21.9
GE 1500	10.5	17.1	17.9	18.5	19.1	19.4	20.0	20.1	20.1	20.1	20.3	20.7	20.9	21.1	21.5	22.0	22.5	22.5	22.5
GE 1200	10.9	17.9	18.9	19.4	20.0	20.3	20.9	21.0	21.0	21.0	21.3	21.7	21.8	22.1	22.4	22.9	23.5	23.5	23.5
GE 1000	11.4	19.3	20.3	20.8	21.4	21.7	22.4	22.5	22.5	22.5	22.7	23.1	23.3	23.5	23.9	24.4	24.9	24.9	24.9
GE 900	11.7	20.1	21.1	21.6	22.3	22.6	23.3	23.3	23.3	23.3	23.6	24.0	24.1	24.4	24.7	25.3	25.8	25.8	25.8
GE 800	11.9	21.4	22.7	23.4	24.3	24.6	25.3	25.4	25.4	25.4	25.7	26.1	26.2	26.5	26.8	27.4	27.9	27.9	27.9
GE 700	11.9	22.5	24.0	24.9	26.0	26.5	27.3	27.4	27.4	27.4	27.7	28.1	28.2	28.5	28.8	29.4	29.9	29.9	29.9
GE 600	11.9	23.3	25.3	26.0	27.8	28.4	29.3	29.4	29.4	29.4	29.8	30.2	30.4	30.6	31.0	31.5	32.0	32.0	32.0
GE 500	11.9	24.1	26.9	29.0	32.0	32.9	34.2	34.4	34.4	34.5	34.8	35.3	35.5	35.8	36.2	36.7	37.4	37.4	37.4
GE 400	12.0	24.5	27.8	31.8	35.4	36.7	38.6	40.2	40.5	41.2	42.0	42.5	43.2	43.6	44.6	45.6	45.6	45.6	45.6
GE 300	12.0	24.5	27.9	32.4	37.2	39.6	43.0	46.6	47.2	49.2	51.7	52.6	54.0	55.2	56.9	59.0	59.0	59.0	59.0
GE 200	12.0	24.5	27.9	32.6	37.5	40.4	44.7	49.2	50.2	53.4	57.1	59.0	62.6	65.2	72.2	79.2	79.2	79.2	79.2
GE 100	12.0	24.5	27.9	32.6	37.5	40.4	44.7	49.4	50.4	53.6	57.6	59.6	63.6	67.2	80.7	98.6	98.6	98.6	98.6
GE 01	12.0	24.5	27.9	32.6	37.5	40.4	44.7	49.4	50.4	53.6	57.6	59.6	63.7	67.4	81.1	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 1499

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VENSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-84
MONTH: AUG HOURS(SLT): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	26.5	43.6	44.9	45.6	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 20000	26.8	44.4	45.6	46.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 18000	27.0	44.6	46.0	46.8	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 16000	27.0	44.6	46.0	46.8	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 14000	27.2	44.9	46.3	47.2	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 12000	28.1	46.2	47.7	48.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 10000	28.2	46.7	48.2	49.2	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 9000	28.3	46.8	48.3	49.3	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 8000	28.5	47.0	48.5	49.5	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 7000	28.5	47.0	48.6	49.6	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 6000	28.5	47.0	48.6	49.6	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 5000	28.6	47.2	48.7	49.7	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 4500	28.8	47.3	48.8	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 4000	28.8	47.3	48.8	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 3500	28.8	47.3	48.8	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 3000	28.8	47.4	48.9	49.9	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 2500	28.9	47.6	49.2	50.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 2000	29.2	48.2	49.8	50.8	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 1800	29.5	48.7	50.3	51.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 1500	30.1	49.8	51.5	52.5	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 1200	30.7	51.3	53.1	54.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 1000	31.6	54.2	56.4	57.6	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 900	32.0	56.5	58.9	60.4	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 800	32.5	59.3	62.4	64.6	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 700	32.7	61.7	66.4	69.4	70.3	70.4	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 600	32.8	63.6	69.2	73.5	74.8	74.9	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 500	32.8	64.7	72.0	78.6	81.6	82.1	82.5	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 400	32.8	65.2	72.9	81.3	86.1	87.6	89.2	90.5	90.6	90.7	90.9	91.0	91.0	91.0	91.0	91.0
GE 300	32.8	65.3	73.2	82.1	87.5	89.3	91.6	93.9	94.4	95.1	95.7	96.3	96.3	96.4	96.7	96.7
GE 200	32.8	65.4	73.3	82.2	87.6	89.6	91.9	94.6	95.1	96.0	96.8	97.2	98.3	98.5	99.3	99.4
GE 100	32.8	65.4	73.3	82.2	87.6	89.6	91.9	94.6	95.1	96.0	96.8	97.2	98.3	98.7	99.6	100.0
GE 0	32.8	65.4	73.3	82.2	87.6	89.6	91.9	94.6	95.1	96.0	96.8	97.2	98.3	98.7	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 1707

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-84
MONTH: AUG HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	1	2	3	4	5	6	10	1/4	1/2	3/4	1/2	5/16	1/4	0	
NO CEIL	43.2	67.6	69.2	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 20000	44.2	69.2	70.6	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 18000	44.2	69.2	70.8	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 16000	44.2	69.2	70.9	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 14000	44.4	69.6	71.2	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	45.1	70.4	72.1	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 10000	45.1	70.8	72.5	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 9000	45.1	70.8	72.5	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 8000	45.4	71.1	72.7	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 7000	45.4	71.1	72.8	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 6000	45.5	71.2	72.8	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	45.7	71.4	73.1	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 4500	45.8	71.5	73.2	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 4000	45.9	71.6	73.2	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 3500	45.9	71.6	73.2	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 3000	46.1	71.9	73.5	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 2500	46.2	72.2	73.9	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 2000	46.6	72.8	74.5	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 1800	46.9	73.4	75.0	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 1500	47.6	74.5	76.2	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 1200	48.7	77.2	78.9	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 1000	49.5	80.6	82.6	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 900	49.8	82.6	85.0	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 800	49.8	84.5	87.1	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 700	49.9	86.7	89.7	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 600	50.0	87.9	92.1	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 500	50.0	88.6	93.6	97.1	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 400	50.0	88.7	94.0	97.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	50.0	88.8	94.1	97.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	50.0	88.9	94.2	98.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 100	50.0	88.9	94.2	98.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 0	50.0	88.9	94.2	98.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS: 1700

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: 64-84
 MONTH: AUG HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	37.7	54.9	56.3	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 20000	38.0	55.7	57.0	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 18000	38.0	55.7	57.0	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 16000	38.0	55.7	57.0	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 14000	38.0	55.9	57.2	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 12000	38.4	56.4	57.8	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 10000	38.6	57.0	58.4	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 9000	38.8	57.2	58.6	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 8000	39.0	57.4	58.8	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 7000	39.1	57.6	58.9	59.4	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 6000	39.1	57.6	58.9	59.4	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 5000	39.3	57.8	59.1	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 4500	39.3	57.8	59.1	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 4000	39.3	57.8	59.1	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 3500	39.3	57.8	59.1	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 3000	39.5	58.0	59.3	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 2500	39.6	58.0	59.4	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 2000	39.7	58.2	59.5	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 1800	39.8	58.2	59.6	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 1500	40.6	59.4	60.7	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 1200	42.0	61.9	63.2	63.8	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 1000	42.8	65.4	66.7	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 900	43.9	68.5	70.0	70.5	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 800	44.5	71.4	73.5	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 700	44.9	75.4	78.6	80.2	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 600	45.1	79.4	84.0	87.4	88.2	88.3	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5
GE 500	45.4	82.0	87.9	92.4	93.8	94.0	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 400	45.4	82.4	88.6	94.1	96.2	96.9	97.3	97.5	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8
GE 300	45.4	82.5	88.9	94.5	96.7	97.4	98.0	98.4	98.4	98.9	98.9	99.1	99.1	99.1	99.2	99.3
GE 200	45.4	82.5	88.9	94.5	96.8	97.5	98.1	98.6	98.7	99.3	99.3	99.5	99.5	99.6	99.7	99.9
GE 100	45.4	82.5	88.9	94.5	96.8	97.5	98.1	98.6	98.7	99.3	99.3	99.5	99.5	99.6	99.7	99.9
GE 01	45.4	82.5	88.9	94.5	96.8	97.5	98.1	98.6	98.7	99.3	99.3	99.5	99.5	99.6	99.7	99.9

TOTAL NUMBER OF OBSERVATIONS: 1496

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: 64-74,79-84
MONTH: AUG HOURS(IST): 1600-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	21.1	29.7	30.1	30.6	31.0	31.6	31.1	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.5	31.5
6E 20000	21.1	29.9	30.3	30.8	31.2	31.3	31.4	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.8	31.8
6E 16000	21.1	29.9	30.3	30.8	31.2	31.3	31.4	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.8	31.8
6E 14000	21.1	29.9	30.3	30.8	31.2	31.3	31.4	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.8	31.8
6E 12000	21.4	30.4	30.4	30.9	31.3	31.4	31.6	31.8	31.9	31.9	31.9	31.9	31.9	31.9	32.0	32.0
6E 10000	21.9	30.9	31.3	31.8	32.2	32.3	32.1	32.2	32.2	32.3	32.3	32.3	32.3	32.4	32.4	32.4
6E 9000	22.0	31.3	31.7	32.2	32.6	32.7	32.5	32.7	32.8	32.9	32.9	32.9	32.9	33.0	33.0	33.0
6E 8000	22.5	31.8	32.2	32.8	33.1	33.2	33.4	33.6	33.7	33.8	33.8	33.8	33.8	33.9	33.9	33.9
6E 7000	22.5	31.8	32.2	32.8	33.1	33.2	33.4	33.6	33.7	33.8	33.8	33.8	33.8	33.9	33.9	33.9
6E 6000	22.5	31.8	32.2	32.8	33.1	33.2	33.4	33.6	33.7	33.8	33.8	33.8	33.8	33.9	33.9	33.9
6E 5000	22.5	31.8	32.2	32.8	33.1	33.2	33.4	33.6	33.7	33.8	33.8	33.8	33.8	33.9	33.9	33.9
6E 4500	22.5	31.8	32.2	32.8	33.1	33.2	33.4	33.6	33.7	33.8	33.8	33.8	33.8	33.9	33.9	33.9
6E 4000	22.5	31.8	32.2	32.8	33.1	33.2	33.4	33.6	33.7	33.8	33.8	33.8	33.8	33.9	33.9	33.9
6E 3500	22.5	31.8	32.2	32.8	33.1	33.2	33.4	33.6	33.7	33.8	33.8	33.8	33.8	33.9	33.9	33.9
6E 3000	22.5	31.8	32.2	32.8	33.1	33.2	33.4	33.6	33.7	33.8	33.8	33.8	33.8	33.9	33.9	33.9
6E 2500	22.5	31.8	32.2	32.8	33.1	33.2	33.4	33.6	33.7	33.8	33.8	33.8	33.8	33.9	33.9	33.9
6E 2000	22.5	32.0	32.4	33.0	33.3	33.4	33.6	33.8	33.9	34.0	34.0	34.0	34.0	34.1	34.1	34.1
6E 1800	22.6	32.1	32.5	33.1	33.4	33.5	33.7	33.9	34.0	34.1	34.1	34.1	34.1	34.1	34.2	34.2
6E 1500	22.7	32.4	32.8	33.3	33.7	33.8	34.0	34.2	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4
6E 1200	23.1	33.2	33.6	34.2	34.5	34.6	34.8	35.0	35.1	35.2	35.2	35.2	35.2	35.2	35.3	35.3
6E 1000	24.2	36.2	36.6	37.1	37.5	37.6	37.8	38.0	38.1	38.2	38.2	38.2	38.2	38.3	38.3	38.3
6E 900	24.6	37.7	38.1	38.6	39.0	39.1	39.3	39.5	39.6	39.6	39.6	39.6	39.6	39.7	39.7	39.7
6E 800	25.5	39.5	39.8	40.5	40.9	40.9	41.1	41.3	41.4	41.5	41.5	41.5	41.5	41.6	41.6	41.6
6E 700	26.6	42.4	43.0	43.9	44.3	44.4	44.6	44.8	44.8	44.9	44.9	44.9	44.9	44.9	45.0	45.0
6E 600	27.1	45.9	47.5	48.6	49.0	49.1	49.3	49.5	49.6	49.7	49.7	49.7	49.7	49.8	49.8	49.8
6E 500	27.2	50.6	54.3	56.5	57.7	58.0	58.4	58.6	58.7	58.8	58.8	58.8	58.8	58.9	58.9	58.9
6E 400	27.3	53.6	58.4	63.6	67.6	68.1	69.0	69.4	69.5	69.7	69.7	69.7	69.7	69.8	69.8	69.8
6E 300	27.3	54.1	59.3	65.8	72.6	73.7	75.4	78.1	78.6	79.2	79.6	79.6	80.1	80.3	80.8	81.0
6E 200	27.3	54.1	59.4	66.1	73.2	74.6	76.9	80.6	81.3	82.9	84.5	85.0	87.0	87.9	91.1	92.1
6E 100	27.3	54.1	59.5	66.2	73.3	74.7	77.1	80.9	81.7	83.5	85.5	86.2	89.0	90.3	95.1	94.6
6E 0	27.3	54.1	59.5	66.2	73.3	74.7	77.1	80.9	81.7	83.5	85.5	86.2	89.0	90.3	95.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 1077

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-74, 78, 81-84
 MONTH: AUG HOURS(LST): 2100-2300

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6	7	8	9	10	11	12
NO CEIL	13.9	25.2	26.1	27.1	27.5	27.6	27.9	28.1	28.1	28.1	28.2	28.3	28.3	28.3	28.6	28.9
GE 20000	14.2	25.6	26.5	27.5	27.9	28.0	28.3	28.5	28.5	28.5	28.6	28.7	28.7	28.7	29.0	29.3
GE 18000	14.2	25.7	26.6	27.6	28.0	28.1	28.4	28.6	28.6	28.6	28.7	28.8	28.8	28.8	29.1	29.4
GE 16000	14.2	25.7	26.6	27.6	28.0	28.1	28.4	28.6	28.6	28.6	28.7	28.8	28.8	28.8	29.1	29.4
GE 14000	14.2	25.9	26.8	27.8	28.2	28.3	28.6	28.8	28.8	28.8	28.9	29.0	29.0	29.0	29.3	29.6
GE 12000	14.5	26.2	27.1	28.1	28.5	28.6	28.9	29.1	29.1	29.1	29.2	29.3	29.3	29.3	29.5	29.9
GE 10000	14.7	26.4	27.3	28.3	28.7	28.8	29.1	29.3	29.3	29.3	29.4	29.5	29.5	29.5	29.7	30.1
GE 9000	14.7	26.5	27.4	28.6	29.0	29.1	29.4	29.5	29.5	29.5	29.6	29.7	29.7	29.7	30.0	30.4
GE 8000	15.0	26.9	27.8	29.0	29.4	29.5	29.7	29.9	29.9	29.9	30.0	30.1	30.1	30.1	30.4	30.8
GE 7000	15.0	26.9	27.8	29.0	29.4	29.5	29.7	29.9	29.9	29.9	30.0	30.1	30.1	30.1	30.4	30.8
GE 6000	15.0	27.1	28.0	29.2	29.5	29.6	29.9	30.1	30.1	30.1	30.2	30.3	30.3	30.3	30.6	31.0
GE 5000	15.0	27.1	28.0	29.2	29.5	29.6	29.9	30.1	30.1	30.1	30.2	30.3	30.3	30.3	30.6	31.0
GE 4500	15.0	27.1	28.0	29.2	29.5	29.6	29.9	30.1	30.1	30.1	30.2	30.3	30.3	30.3	30.6	31.0
GE 4000	15.0	27.1	28.0	29.2	29.5	29.6	29.9	30.1	30.1	30.1	30.2	30.3	30.3	30.3	30.6	31.0
GE 3500	15.0	27.1	28.0	29.2	29.5	29.6	29.9	30.1	30.1	30.1	30.2	30.3	30.3	30.3	30.6	31.0
GE 3000	15.0	27.1	28.0	29.2	29.5	29.6	29.9	30.1	30.1	30.1	30.2	30.3	30.3	30.3	30.6	31.0
GE 2500	15.0	27.2	28.1	29.3	29.6	29.7	30.0	30.2	30.2	30.2	30.3	30.4	30.4	30.7	31.1	31.1
GE 2000	15.0	27.2	28.1	29.3	29.6	29.7	30.0	30.2	30.2	30.2	30.3	30.4	30.4	30.7	31.1	31.1
GE 1800	15.0	27.5	28.4	29.5	29.9	30.0	30.3	30.5	30.5	30.5	30.6	30.7	30.7	31.0	31.4	31.4
GE 1500	15.1	27.8	28.8	29.9	30.3	30.4	30.7	30.9	30.9	31.0	31.1	31.1	31.1	31.4	31.8	31.8
GE 1200	15.4	28.7	29.7	30.9	31.3	31.4	31.7	31.9	31.9	31.9	32.0	32.1	32.1	32.4	32.8	32.8
GE 1000	15.5	29.3	30.3	31.5	31.9	32.0	32.3	32.5	32.5	32.5	32.6	32.7	32.7	33.0	33.4	33.4
GE 900	15.9	30.5	31.6	32.9	33.3	33.4	33.7	33.9	33.9	33.9	34.0	34.1	34.1	34.3	34.7	34.7
GE 800	15.9	31.8	32.9	34.1	34.5	34.6	34.9	35.1	35.1	35.1	35.2	35.3	35.3	35.6	36.0	36.0
GE 700	16.1	33.1	34.1	35.4	35.8	35.9	36.2	36.4	36.4	36.4	36.5	36.6	36.6	36.9	37.3	37.3
GE 600	16.4	35.4	36.6	37.9	38.3	38.4	38.6	38.8	38.8	38.8	38.9	39.0	39.0	39.3	39.7	39.7
GE 500	16.6	38.6	40.3	41.9	42.4	42.5	42.8	43.0	43.0	43.0	43.1	43.2	43.2	43.4	43.8	43.8
GE 400	16.7	42.6	45.6	49.6	50.9	51.1	51.6	51.9	51.9	51.9	52.1	52.2	52.2	52.4	52.8	52.8
GE 300	16.7	44.2	47.7	54.3	58.0	58.9	59.9	60.4	60.4	60.4	60.9	61.4	61.4	61.8	62.7	62.8
GE 200	16.7	44.4	48.4	55.6	59.9	61.3	63.6	66.0	66.0	66.0	67.5	69.6	70.0	72.0	78.9	80.5
GE 100	16.7	44.4	48.4	55.9	60.5	62.0	64.5	67.2	67.2	67.2	69.1	71.3	72.3	75.4	87.4	97.3
GE 0	16.7	44.4	48.4	55.9	60.5	62.0	64.5	67.2	67.2	67.2	69.1	71.3	72.3	75.4	87.4	97.3

TOTAL NUMBER OF OBSERVATIONS: 1022

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: 64-84
 MONTH: AUG HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	23.0	36.3	37.2	37.6	38.2	38.3	38.4	38.5	38.5	38.6	38.7	38.7	38.9	39.0	39.2	39.4
6E 20000	23.3	36.9	37.8	38.5	38.8	38.9	39.0	39.1	39.2	39.3	39.4	39.4	39.5	39.6	39.6	39.8
GE 18000	23.4	36.9	37.9	38.6	38.9	39.0	39.1	39.2	39.2	39.3	39.4	39.4	39.5	39.6	39.7	39.9
GE 16000	23.4	37.0	37.9	38.6	38.9	39.0	39.1	39.2	39.2	39.3	39.4	39.4	39.5	39.6	39.7	39.9
GE 14000	23.5	37.2	38.2	38.8	39.2	39.3	39.4	39.5	39.5	39.6	39.7	39.8	39.9	40.0	40.2	40.5
GE 12000	23.9	37.8	38.8	39.4	39.8	39.9	40.0	40.1	40.2	40.3	40.4	40.4	40.6	40.7	40.9	41.1
GE 10000	24.2	38.2	39.2	39.9	40.3	40.4	40.6	40.6	40.7	40.8	40.9	40.9	41.1	41.2	41.4	41.6
GE 9000	24.2	38.4	39.4	40.1	40.5	40.5	40.7	40.8	40.8	41.0	41.1	41.1	41.2	41.3	41.6	41.8
GE 8000	24.5	38.6	39.7	40.4	40.8	40.8	41.0	41.1	41.1	41.3	41.4	41.4	41.5	41.6	41.9	42.1
GE 7000	24.5	38.7	39.7	40.4	40.8	40.9	41.0	41.1	41.2	41.3	41.4	41.4	41.6	41.7	41.9	42.2
GE 6000	24.5	38.7	39.7	40.4	40.8	40.9	41.1	41.1	41.2	41.3	41.4	41.4	41.6	41.7	42.0	42.2
GE 5000	24.6	38.8	39.6	40.5	40.9	41.0	41.2	41.3	41.3	41.4	41.5	41.6	41.7	41.8	42.1	42.3
GE 4500	24.7	38.8	39.9	40.6	41.0	41.1	41.2	41.3	41.3	41.5	41.6	41.7	41.8	42.1	42.3	42.4
GE 4000	24.7	38.9	39.9	40.6	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.8	41.9	42.2	42.4	42.4
GE 3500	24.7	38.9	39.9	40.6	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.8	41.9	42.2	42.4	42.5
GE 3000	24.8	39.0	40.0	40.8	41.1	41.2	41.4	41.5	41.5	41.7	41.8	41.9	42.0	42.3	42.5	42.5
GE 2500	24.9	39.2	40.2	40.9	41.3	41.4	41.6	41.7	41.7	41.8	41.9	42.0	42.1	42.2	42.5	42.7
GE 2000	25.0	39.5	40.5	41.3	41.7	41.7	41.9	42.0	42.0	42.2	42.3	42.3	42.4	42.5	42.8	43.0
GE 1800	25.1	39.8	40.8	41.6	41.9	42.0	42.2	42.3	42.3	42.5	42.5	42.6	42.7	42.8	43.1	43.3
GE 1500	25.5	40.6	41.6	42.3	42.7	42.8	43.0	43.1	43.1	43.2	43.3	43.4	43.5	43.6	44.1	44.1
GE 1200	26.1	42.0	43.1	43.8	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.8	45.0	45.1	45.3	45.6
GE 1000	26.7	44.1	45.4	46.2	46.6	46.7	46.9	46.9	47.0	47.1	47.2	47.2	47.4	47.5	47.8	48.0
GE 900	27.2	45.8	47.2	48.1	48.5	48.6	48.8	48.9	49.0	49.1	49.2	49.2	49.4	49.5	49.8	50.0
GE 800	27.4	47.7	49.3	50.4	50.9	51.0	51.3	51.3	51.4	51.5	51.6	51.7	51.8	51.9	52.2	52.4
GE 700	27.7	49.9	52.0	53.6	54.2	54.4	54.6	54.7	54.8	54.9	55.0	55.0	55.2	55.3	55.5	55.8
GE 600	27.9	51.9	54.8	57.1	57.9	58.1	58.4	58.5	58.5	58.7	58.8	58.8	58.9	59.1	59.3	59.6
GE 500	28.0	53.8	57.7	61.0	62.5	62.8	63.2	63.4	63.4	63.6	63.7	63.7	63.9	64.0	64.3	64.5
GE 400	28.0	55.2	59.9	64.6	67.1	67.6	68.6	69.2	69.3	69.6	69.9	70.1	70.3	70.6	70.9	71.1
GE 300	28.0	55.7	60.5	66.1	69.8	70.8	72.2	73.7	74.0	74.7	75.3	75.5	76.0	76.3	77.0	77.6
GE 200	28.0	55.7	60.7	66.6	70.7	71.9	73.8	76.2	76.7	78.1	79.5	80.0	81.5	82.4	85.6	87.8
GE 100	28.0	55.7	60.7	66.6	70.8	72.0	74.0	76.5	77.1	78.6	80.1	80.8	82.7	84.1	90.7	96.9
GE 0	28.0	55.7	60.7	66.6	70.8	72.0	74.0	76.5	77.1	78.6	80.1	80.8	82.7	84.1	90.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 10416

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: 63-72,84,84
MONTH: SEP HOURS(LST): 0000-0200

CEILING

VISIBILITY IN STATUTE MILES

IN FEET	VISIBILITY IN STATUTE MILES													
	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	25.3	41.0	41.7	42.1	42.4	42.5	42.6	42.6	42.9	43.2	43.3	43.9	44.0	45.9
GE 20000	25.3	41.7	42.4	42.8	43.1	43.2	43.3	43.3	43.7	44.0	44.1	44.6	44.7	46.8
GE 18000	25.3	41.7	42.4	42.8	43.1	43.2	43.3	43.3	43.7	44.0	44.1	44.6	44.7	46.8
GE 16000	25.3	41.7	42.4	42.8	43.1	43.2	43.3	43.3	43.7	44.0	44.1	44.6	44.7	46.8
GE 14000	25.4	42.1	42.8	43.3	43.7	43.8	43.9	44.2	44.5	44.5	44.6	45.1	45.2	47.3
GE 12000	25.5	42.2	43.0	43.6	43.9	44.0	44.1	44.4	44.7	44.7	44.8	45.3	45.4	47.5
GE 10000	26.0	43.1	44.0	44.5	44.8	44.9	45.0	45.3	45.6	45.6	45.7	46.3	46.4	48.4
GE 9000	26.2	43.3	44.2	44.7	45.0	45.1	45.2	45.5	45.8	45.8	45.9	46.5	46.6	48.6
GE 8000	26.2	43.5	44.3	44.8	45.1	45.2	45.3	45.6	45.9	45.9	46.0	46.6	46.7	48.8
GE 7000	26.3	43.6	44.4	44.9	45.2	45.3	45.4	45.7	46.0	46.0	46.2	46.8	47.8	48.9
GE 6000	26.3	43.9	44.7	45.2	45.5	45.6	45.7	46.0	46.4	46.5	46.7	47.1	48.1	49.2
GE 5000	26.3	44.2	45.0	45.5	45.8	45.9	46.0	46.4	46.7	46.7	46.8	47.3	47.4	49.5
GE 4500	26.4	44.3	45.1	45.6	45.9	46.0	46.2	46.5	46.8	46.8	46.9	47.4	47.5	49.6
GE 4000	27.3	45.4	46.3	46.9	47.2	47.3	47.4	47.7	48.0	48.0	48.1	48.6	48.8	50.8
GE 3500	27.3	45.4	46.3	46.9	47.2	47.3	47.4	47.7	48.0	48.0	48.1	48.6	48.8	50.8
GE 3000	27.8	45.8	46.7	47.3	47.6	47.7	47.8	48.1	48.4	48.5	49.1	49.2	50.2	51.2
GE 2500	28.1	46.3	47.1	47.7	48.0	48.1	48.2	48.5	48.9	48.9	49.0	49.5	49.6	51.7
GE 2000	28.3	46.9	47.7	48.3	48.6	48.8	48.9	49.2	49.5	49.5	49.6	50.1	50.2	52.3
GE 1800	28.5	47.3	48.1	48.8	49.1	49.2	49.3	49.6	49.9	49.9	50.0	50.5	50.6	52.7
GE 1500	28.9	48.5	49.4	50.0	50.3	50.4	50.5	50.8	51.1	51.1	51.2	51.8	51.9	54.0
GE 1200	29.1	49.9	50.7	51.4	51.7	51.8	51.9	52.2	52.5	52.5	52.6	53.1	53.2	55.3
GE 1000	29.3	51.2	52.1	52.8	53.1	53.2	53.3	53.6	54.0	54.0	54.1	54.6	54.7	56.8
GE 900	29.5	52.3	53.1	53.8	54.2	54.3	54.4	54.7	55.0	55.0	55.1	55.6	55.7	57.8
GE 800	29.6	53.1	54.0	54.7	55.0	55.1	55.2	55.5	55.8	55.8	55.9	56.4	56.5	58.6
GE 700	29.7	53.7	54.6	55.4	55.8	55.9	56.0	56.3	56.7	56.7	56.8	57.3	57.4	59.5
GE 600	29.7	55.9	57.2	58.1	58.5	58.6	58.7	59.0	59.4	59.4	59.5	60.0	60.1	62.2
GE 500	29.7	57.8	59.8	61.1	61.7	61.9	62.0	62.3	62.6	62.6	62.8	63.3	63.4	65.5
GE 400	29.7	58.8	61.7	63.8	64.6	65.1	65.3	65.6	65.9	65.9	66.1	66.6	66.7	68.8
GE 300	29.7	59.7	63.6	66.1	68.3	69.4	69.6	70.4	70.8	70.8	71.2	72.0	72.1	74.9
GE 200	29.7	59.7	63.7	66.5	68.8	71.1	72.3	72.6	73.9	74.6	75.2	77.1	77.5	83.3
GE 100	29.7	59.7	63.7	66.5	68.9	71.4	72.9	73.1	74.5	75.5	76.2	79.0	80.1	98.2
GE 01	29.7	59.7	63.7	66.5	68.9	71.4	72.9	73.1	74.5	75.5	76.2	79.1	80.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 962

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: 63-72-02-84
MONTH: SEP HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	21.1	32.4	32.9	33.2	33.8	34.0	34.2	34.3	34.3	34.3	34.8	35.0	35.0	35.4	35.5	36.1
GE 20000	21.1	32.7	33.2	33.5	34.1	34.3	34.5	34.6	34.6	34.6	35.1	35.3	35.3	35.7	35.8	36.4
GE 18000	21.1	32.7	33.2	33.5	34.1	34.3	34.5	34.6	34.6	34.6	35.1	35.3	35.3	35.7	35.8	36.4
GE 16000	21.1	32.7	33.2	33.5	34.1	34.3	34.5	34.6	34.6	34.6	35.1	35.3	35.3	35.7	35.8	36.4
GE 14000	21.1	32.9	33.4	33.7	34.3	34.5	34.8	34.9	34.9	34.9	35.3	35.5	35.5	35.9	36.0	36.6
GE 12000	21.4	33.2	33.7	34.0	35.0	35.2	35.4	35.5	35.5	35.5	35.9	36.1	36.1	36.5	36.7	37.2
GE 10000	21.7	34.1	34.6	35.0	35.9	36.1	36.3	36.4	36.4	36.4	36.8	37.0	37.0	37.4	37.6	38.1
GE 9000	22.0	34.6	35.2	35.5	36.4	36.6	36.8	36.9	36.9	37.3	37.6	37.6	37.6	38.0	38.1	38.6
GE 8000	22.1	35.2	35.8	36.1	37.0	37.2	37.4	37.6	37.6	38.0	38.2	38.2	38.2	38.6	38.7	39.1
GE 7000	22.1	35.2	35.8	36.1	37.0	37.2	37.4	37.6	37.6	38.0	38.2	38.2	38.2	38.6	38.7	39.1
GE 6000	22.2	35.8	36.4	36.7	37.7	37.9	38.1	38.2	38.2	38.6	38.8	38.8	38.8	39.2	39.3	40.4
GE 5000	22.4	36.1	36.7	37.0	38.0	38.2	38.4	38.5	38.5	38.9	39.1	39.1	39.1	39.5	39.6	40.7
GE 4500	22.4	36.1	36.7	37.0	38.0	38.2	38.4	38.5	38.5	38.9	39.1	39.1	39.1	39.5	39.6	40.7
GE 4000	22.9	36.7	37.3	37.7	38.6	38.8	39.0	39.1	39.1	39.5	39.7	39.7	39.7	40.1	40.2	41.3
GE 3500	23.1	37.0	37.7	38.0	38.9	39.1	39.3	39.4	39.4	39.8	40.0	40.0	40.0	40.5	40.6	41.6
GE 3000	23.4	37.7	38.3	38.6	39.5	39.7	39.9	40.0	40.0	40.5	40.7	40.7	40.7	41.1	41.2	42.2
GE 2500	23.7	38.1	38.7	39.0	39.9	40.1	40.4	40.5	40.5	40.9	41.1	41.1	41.1	41.5	41.6	42.6
GE 2000	24.0	38.7	39.3	39.6	40.6	40.8	41.0	41.1	41.1	41.5	41.7	41.7	41.7	42.1	42.2	43.3
GE 1800	24.1	39.3	39.9	40.2	41.2	41.4	41.6	41.7	41.7	42.1	42.3	42.3	42.3	42.7	42.8	43.9
GE 1500	24.6	40.4	41.0	41.3	42.2	42.4	42.6	42.7	42.7	43.2	43.4	43.4	43.4	43.8	43.9	44.9
GE 1200	25.3	42.6	43.3	43.6	44.5	44.7	44.9	45.0	45.0	45.4	45.6	45.6	45.6	46.1	46.2	47.2
GE 1000	25.3	44.5	45.1	45.4	46.4	46.6	46.8	46.9	46.9	47.3	47.5	47.5	47.5	47.9	48.0	49.1
GE 900	25.6	45.6	46.3	46.6	47.5	47.7	47.9	48.0	48.0	48.4	48.7	48.7	48.7	49.1	49.2	50.2
GE 800	25.6	46.4	47.0	47.3	48.2	48.4	48.7	48.8	48.8	49.2	49.4	49.4	49.4	49.8	49.9	50.9
GE 700	25.9	48.1	48.9	49.3	50.2	50.4	50.6	50.7	50.7	51.1	51.3	51.3	51.3	51.8	51.9	52.9
GE 600	26.0	49.6	50.3	50.7	51.7	51.9	52.1	52.3	52.3	52.7	52.9	52.9	52.9	53.3	53.4	54.5
GE 500	26.1	51.3	53.0	53.4	54.4	54.6	54.9	55.3	55.4	55.8	56.0	56.0	56.0	56.4	56.5	57.6
GE 400	26.1	52.4	54.6	55.6	56.7	57.0	57.4	57.8	57.9	58.4	58.6	58.6	58.7	59.1	59.2	60.3
GE 300	26.1	53.0	55.5	57.5	59.5	59.9	61.6	62.4	62.7	63.4	63.9	64.4	64.4	64.8	64.9	66.3
GE 200	26.1	53.2	55.8	58.2	60.5	61.1	63.5	65.4	65.7	68.2	69.2	70.0	71.6	72.1	76.2	80.4
GE 100	26.1	53.2	55.8	58.2	60.5	61.1	63.5	65.6	66.1	68.9	70.3	71.6	73.8	74.8	83.7	98.5
GE 01	26.1	53.2	55.8	58.2	60.5	61.1	63.5	65.6	66.1	68.9	70.3	71.6	73.9	74.9	83.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 964

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

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 63-84
 MONTH: SEP HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	1	24.6	31.4	32.0	32.6	33.1	33.2	33.3	33.3	33.4	33.5	33.6	34.0	34.2	34.7	35.9
GE 20000	1	25.0	32.0	32.5	33.1	33.6	33.8	33.8	33.8	34.0	34.1	34.2	34.5	34.7	35.4	36.6
GE 18000	1	25.2	32.3	33.0	33.6	34.0	34.2	34.3	34.3	34.4	34.5	34.7	35.0	35.2	35.8	37.0
GE 16000	1	25.2	32.3	33.0	33.6	34.0	34.2	34.3	34.3	34.5	34.6	34.7	35.1	35.3	35.9	37.1
GE 14000	1	25.7	32.7	33.4	34.0	34.5	34.7	34.8	34.8	34.9	35.1	35.2	35.5	35.7	36.4	37.6
GE 12000	1	25.7	32.9	33.6	34.2	34.7	34.9	35.0	35.0	35.1	35.3	35.4	35.7	35.9	36.6	37.8
GE 10000	1	26.4	33.8	34.5	35.1	35.9	36.2	36.3	36.3	36.4	36.6	36.7	37.1	37.3	38.0	39.2
GE 9000	1	26.7	34.1	34.8	35.5	36.2	36.4	36.5	36.6	36.7	36.9	37.1	37.4	37.6	38.3	39.5
GE 8000	1	26.8	34.5	35.3	35.9	36.8	37.1	37.2	37.2	37.3	37.5	37.7	38.0	38.2	38.9	40.1
GE 7000	1	26.8	34.7	35.4	36.0	36.9	37.1	37.2	37.3	37.5	37.6	37.8	38.1	38.3	39.0	40.2
GE 6000	1	27.2	35.2	35.9	36.6	37.5	37.8	37.9	37.9	38.0	38.2	38.4	38.7	38.9	39.6	40.8
GE 5000	1	27.5	35.5	36.2	36.9	37.8	38.1	38.2	38.2	38.4	38.5	38.7	39.0	39.2	39.9	41.2
GE 4500	1	27.5	35.6	36.3	37.0	37.9	38.0	38.2	38.3	38.4	38.6	38.8	39.1	39.3	40.0	41.2
GE 4000	1	27.9	35.9	36.7	37.4	38.3	38.6	38.7	38.7	38.8	39.0	39.1	39.5	39.7	40.4	41.6
GE 3500	1	28.5	36.6	37.4	38.2	39.1	39.3	39.5	39.5	39.6	39.7	39.9	40.2	40.4	41.2	42.4
GE 3000	1	28.9	37.3	38.1	38.9	39.9	40.1	40.2	40.2	40.4	40.5	40.7	41.0	41.2	41.9	43.2
GE 2500	1	29.7	38.2	39.1	39.9	40.8	41.1	41.2	41.2	41.3	41.5	41.7	42.0	42.2	42.9	44.1
GE 2000	1	30.5	39.4	40.2	41.0	42.0	42.3	42.4	42.4	42.5	42.6	42.8	43.2	43.4	44.1	45.3
GE 1800	1	30.9	40.4	41.2	42.1	43.0	43.3	43.4	43.4	43.6	43.7	43.9	44.2	44.4	45.1	46.3
GE 1500	1	31.3	41.3	42.1	43.0	43.9	44.1	44.3	44.4	44.5	44.7	44.8	45.2	45.4	46.1	47.3
GE 1200	1	31.8	43.2	44.0	45.0	46.0	46.3	46.5	46.5	46.6	46.7	46.9	47.2	47.4	48.2	49.4
GE 1000	1	32.0	44.6	45.6	46.9	48.1	48.5	48.7	48.7	48.8	48.9	49.1	49.4	49.6	50.4	51.6
GE 900	1	32.2	45.4	46.3	47.9	49.1	49.6	49.8	49.8	50.0	50.1	50.3	50.6	50.8	51.5	52.8
GE 800	1	32.3	46.0	47.1	48.7	50.0	50.6	50.9	50.9	51.0	51.1	51.3	51.7	51.8	52.6	53.8
GE 700	1	32.5	46.6	48.1	50.1	51.5	52.2	52.4	52.4	52.6	52.7	52.9	53.2	53.4	54.1	55.3
GE 600	1	32.5	47.3	49.1	51.7	53.2	54.0	54.2	54.2	54.4	54.5	54.7	55.0	55.2	55.9	57.2
GE 500	1	32.5	47.6	49.6	53.7	56.1	57.5	58.1	58.1	58.5	58.7	58.8	59.2	59.4	60.1	61.4
GE 400	1	32.6	47.9	50.4	55.2	58.8	61.2	62.7	62.7	63.2	63.6	63.8	64.3	64.5	65.4	66.8
GE 300	1	32.6	48.1	50.7	55.8	60.1	63.4	66.0	66.3	67.3	68.4	68.9	69.5	70.1	71.5	73.4
GE 200	1	32.6	48.2	50.7	56.0	60.8	62.2	64.6	67.6	68.4	70.0	72.1	73.0	74.8	76.5	79.8
GE 100	1	32.6	48.2	50.7	56.0	60.8	62.2	64.6	67.7	68.6	70.2	72.4	73.4	75.4	77.8	81.2
GE 01	1	32.6	48.2	50.7	56.0	60.8	62.2	64.6	67.7	68.6	70.2	72.4	73.4	75.5	77.8	81.2

TOTAL NUMBER OF OBSERVATIONS: 1543

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 723930 STATION NAME: VANDENBLRG AFB CA

PERIOD OF RECORD: 63-84
 MONTH: SEP HOURS (LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	U
NO CEIL	47.6	63.6	65.6	65.8	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3
GE 20000	48.3	65.0	67.0	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7
GE 18000	48.4	65.1	67.1	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8
GE 16000	48.4	65.3	67.3	67.5	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 14000	48.8	66.0	68.0	68.2	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 12000	49.0	66.6	68.7	68.9	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 10000	49.6	67.7	69.6	70.0	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 9000	49.9	68.1	70.1	70.4	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 8000	50.3	68.5	70.6	70.8	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	50.7	68.9	71.0	71.2	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 5000	50.7	69.0	71.1	71.3	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 4500	51.2	69.5	71.5	71.6	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 4000	51.8	70.1	72.2	72.4	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 3500	52.3	70.8	72.9	73.1	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8
GE 3000	52.9	71.5	73.6	73.8	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 2500	53.5	72.6	74.6	74.9	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 2000	54.4	73.4	75.6	75.8	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 1800	54.6	73.8	76.0	76.3	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 1500	55.2	74.9	77.1	77.4	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 1200	56.4	77.1	79.4	79.7	80.3	80.3	80.3	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 1000	56.7	78.7	81.2	81.6	82.2	82.2	82.2	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 900	56.9	80.6	83.5	84.0	84.7	84.7	84.7	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9
GE 800	57.3	82.6	85.9	86.5	87.4	87.4	87.4	87.4	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6
GE 700	57.6	84.6	88.4	89.6	90.6	90.6	90.6	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8
GE 600	57.6	85.5	90.3	92.3	93.4	93.4	93.4	93.5	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
GE 500	57.6	86.1	91.6	94.5	96.1	96.3	96.5	96.8	96.8	96.9	97.0	97.0	97.0	97.1	97.1	97.1
GE 400	57.6	86.3	91.9	95.0	97.1	97.3	97.7	98.0	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	57.6	86.3	92.0	95.3	97.3	97.6	98.0	98.6	98.7	98.9	99.3	99.5	99.6	99.6	99.6	99.6
GE 200	57.6	86.3	92.0	95.3	97.5	97.8	98.2	98.8	98.9	99.1	99.5	99.7	99.8	99.9	99.9	99.9
GE 100	57.6	86.3	92.0	95.3	97.5	97.8	98.2	98.8	98.9	99.1	99.5	99.7	99.8	99.9	99.9	100.0
GE 01	57.6	86.3	92.0	95.3	97.5	97.8	98.2	98.8	98.9	99.1	99.5	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 1755

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: 63-84
MONTH: SEP HOURS(LST): 1500-1700

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

NO CEIL	45.3	57.8	58.7	59.0	59.0	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 20000	46.1	58.7	59.8	60.1	60.2	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 18000	46.1	58.7	59.8	60.1	60.2	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 16000	46.1	58.9	60.0	60.3	60.3	60.5	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 14000	46.3	59.2	60.3	60.6	60.7	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 12000	47.0	60.1	61.1	61.4	61.6	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 10000	47.5	60.8	61.8	62.2	62.3	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 9000	47.6	60.9	62.0	62.3	62.4	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 8000	47.9	61.4	62.5	62.8	62.9	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 7000	48.0	61.5	62.5	62.9	63.0	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 6000	48.3	62.0	63.0	63.3	63.5	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 5000	48.6	62.2	63.3	63.6	63.7	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 4500	49.0	62.7	63.7	64.0	64.2	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 4000	49.5	63.2	64.2	64.6	64.7	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 3500	49.9	63.6	64.6	64.9	65.1	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 3000	50.7	64.5	65.5	65.8	66.0	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 2500	51.3	65.2	66.2	66.6	66.8	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 2000	51.7	65.8	66.8	67.1	67.3	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 1800	51.9	66.0	67.1	67.4	67.6	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 1500	52.9	67.1	68.2	68.5	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 1200	53.2	68.2	69.3	69.7	69.9	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 1000	53.8	71.1	72.4	72.9	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 900	54.5	73.3	74.9	75.5	75.7	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 800	54.9	75.9	78.2	79.0	79.3	79.5	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 700	55.4	79.2	82.3	83.4	83.9	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 600	55.5	80.5	84.3	86.3	87.1	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 500	55.8	82.0	86.7	89.6	90.8	91.5	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 400	55.8	82.7	87.6	91.5	93.4	94.3	95.0	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 300	55.8	82.7	87.9	91.8	93.9	94.9	96.1	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 200	55.8	82.7	87.9	91.9	94.0	95.0	96.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 100	55.8	82.7	87.9	91.9	94.0	95.0	96.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 01	55.8	82.7	87.9	91.9	94.0	95.0	96.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS: 1546

GLOBAL CLIMATOLOGY BRANCH
USAFETYAC
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: 63-74.81-84
MONTH: SEP HOURS(LST): 1800-2000

CEILING VISIBILITY IN STATUTE MILES

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
NO CEILING	35.0	47.9	48.5	48.7	49.1	49.1	49.2	49.4	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.7	
GE 20000	35.6	48.7	49.3	49.5	49.9	49.9	50.0	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.5
GE 18000	35.7	48.8	49.4	49.6	50.0	50.0	50.1	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.6
GE 16000	35.7	48.8	49.4	49.6	50.0	50.0	50.1	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.6
GE 14000	35.9	49.1	49.7	49.9	50.3	50.3	50.4	50.6	50.6	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.9
GE 12000	36.6	50.0	50.6	50.8	51.2	51.2	51.3	51.5	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.8
GE 10000	36.7	50.2	50.8	50.9	51.4	51.4	51.5	51.6	51.6	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	52.0
GE 9000	36.7	50.2	50.8	50.9	51.4	51.4	51.5	51.6	51.6	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	52.0
GE 8000	36.7	50.3	50.9	51.0	51.5	51.5	51.5	51.7	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.1
GE 7000	36.7	50.6	51.2	51.4	51.8	51.8	51.9	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.4
GE 6000	37.0	50.9	51.5	51.6	52.1	52.1	52.2	52.3	52.3	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.7
GE 5000	37.3	51.2	51.8	52.0	52.4	52.4	52.5	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	53.0
GE 4500	37.5	51.5	52.2	52.4	52.8	52.8	52.9	53.1	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.4
GE 4000	38.1	52.1	52.8	53.0	53.4	53.4	53.5	53.7	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0
GE 3500	38.1	52.1	52.8	53.0	53.4	53.4	53.5	53.7	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0
GE 3000	38.7	52.7	53.4	53.6	54.0	54.0	54.1	54.3	54.3	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.6
GE 2500	39.3	53.4	54.1	54.3	54.7	54.7	54.8	55.0	55.0	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3
GE 2000	39.5	53.8	54.6	54.7	55.2	55.2	55.2	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.8
GE 1800	39.7	54.1	54.9	55.2	55.6	55.6	55.7	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.2
GE 1500	39.9	54.5	55.2	55.5	55.9	55.9	56.0	56.2	56.2	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.5
GE 1200	40.4	56.0	56.8	57.1	57.6	57.6	57.7	57.8	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.2
GE 1000	40.6	56.8	57.8	58.2	58.6	58.6	58.7	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.2
GE 900	41.1	57.9	59.0	59.4	59.9	59.9	60.0	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.5
GE 800	41.6	60.2	61.4	61.9	62.4	62.4	62.5	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	63.0
GE 700	42.0	63.6	65.3	65.9	66.4	66.4	66.5	66.7	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0
GE 600	42.3	66.4	68.5	69.7	70.3	70.3	70.4	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	70.9
GE 500	42.6	68.8	72.1	73.8	74.4	74.4	74.7	74.9	74.9	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.3
GE 400	42.6	69.8	74.1	76.8	78.2	78.2	78.7	79.3	79.3	79.3	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	80.6
GE 300	42.6	70.2	74.9	78.7	81.4	81.4	82.4	83.9	84.1	84.1	84.6	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	86.8
GE 200	42.6	70.3	75.0	79.2	82.4	82.4	83.9	85.7	86.1	86.1	87.0	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	90.1
GE 100	42.6	70.3	75.0	79.3	82.8	82.8	84.4	86.5	87.2	87.2	88.6	89.9	90.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	93.3
GE 01	42.6	70.3	75.0	79.3	82.8	82.8	84.4	86.5	87.2	87.2	88.6	89.9	90.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	95.7

TOTAL NUMBER OF OBSERVATIONS: 1162

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

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 63-74,79-80,82-84
 MONTH: SEP HOURS(LST): 2100-2300

CEILING FEET	VISIBILITY IN STATUTE MILES										MO	CEIL	GE			
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1				3/4	5/8	1/2
GE 10000	29.7	47.5	48.4	49.2	49.5	49.8	50.0	50.2	50.6	50.6	50.6	50.6	51.0	51.2	51.7	52.4
GE 9000	29.7	47.6	48.5	49.3	49.6	49.9	50.1	50.3	50.6	50.6	50.6	51.1	51.3	51.8	52.5	
GE 8000	29.7	47.6	48.5	49.3	49.6	49.9	50.1	50.3	50.6	50.6	51.1	51.3	51.8	52.5		
GE 7000	30.0	48.1	49.0	49.7	50.1	50.4	50.6	50.7	51.1	51.1	51.1	51.6	51.7	52.3	52.9	
GE 6000	30.0	48.3	49.4	50.1	50.5	50.7	50.9	51.1	51.5	51.5	51.5	51.9	52.1	52.7	53.3	
GE 5000	30.3	48.8	49.8	50.6	50.9	51.2	51.4	51.6	51.9	51.9	51.9	52.4	52.6	53.1	53.8	
GE 4500	30.3	48.9	49.9	50.6	51.0	51.3	51.5	51.7	52.0	52.0	52.0	52.5	52.7	53.2	53.9	
GE 4000	30.8	49.4	50.5	51.3	51.7	51.9	52.1	52.3	52.7	52.7	52.7	53.1	53.3	53.9	54.5	
GE 3500	30.8	49.4	50.5	51.4	51.7	52.0	52.2	52.4	52.8	52.8	52.8	53.2	53.4	54.0	54.6	
GE 3000	31.4	50.0	51.0	51.9	52.3	52.6	52.8	52.9	53.3	53.3	53.3	53.8	54.0	54.5	55.2	
GE 2500	31.8	50.9	51.9	52.9	53.2	53.5	53.7	53.9	54.2	54.2	54.2	54.7	54.9	55.4	56.1	
GE 2000	31.9	51.1	52.1	53.0	53.4	53.7	53.9	54.1	54.4	54.4	54.4	54.9	55.1	55.6	56.3	
GE 1800	32.0	51.2	52.2	53.1	53.5	53.8	54.0	54.1	54.5	54.5	54.5	55.0	55.2	55.7	56.4	
GE 1500	32.4	51.9	52.9	53.9	54.2	54.5	54.7	54.9	55.2	55.2	55.2	55.7	55.9	56.4	57.1	
GE 1200	32.7	53.1	54.1	55.1	55.4	55.7	55.9	56.1	56.4	56.4	56.4	56.9	57.1	57.6	58.3	
GE 1000	32.9	54.0	55.0	55.9	56.3	56.5	56.7	56.9	57.3	57.3	57.3	57.7	57.9	58.5	59.1	
GE 900	33.2	55.5	56.5	57.5	57.8	58.1	58.3	58.5	58.8	58.8	58.8	59.3	59.5	60.0	60.7	
GE 800	33.3	56.9	58.2	59.1	59.5	59.8	59.9	60.1	60.5	60.5	60.5	61.0	61.1	61.7	62.3	
GE 700	33.6	59.1	60.7	61.6	62.0	62.2	62.4	62.6	63.0	63.0	63.0	63.4	63.6	64.2	64.8	
GE 600	33.6	61.9	63.6	65.1	65.5	65.9	66.1	66.3	66.7	66.7	66.7	67.1	67.3	67.9	68.5	
GE 500	33.7	64.0	66.4	68.3	69.0	69.4	69.6	69.8	70.2	70.2	70.2	70.7	70.9	71.5	72.1	
GE 400	33.7	65.7	68.0	72.1	73.3	73.8	73.9	74.3	74.7	74.7	74.8	75.2	75.5	76.2	76.9	
GE 300	33.7	66.4	70.7	75.0	77.1	77.6	78.0	78.5	79.5	79.5	79.7	80.3	80.6	81.9	83.1	
GE 200	33.7	66.4	70.8	75.5	78.3	79.1	79.9	80.7	81.2	82.2	82.8	84.3	85.1	87.5	90.9	
GE 100	33.7	66.4	70.8	75.5	78.3	79.1	80.0	80.9	81.7	83.1	83.8	84.3	85.8	87.1	90.8	
GE 0	33.7	66.4	70.8	75.5	78.3	79.1	80.0	80.9	81.7	83.1	83.8	84.3	85.8	87.2	91.1	
TOTAL NUMBER OF OBSERVATIONS:	1086															

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

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 63-84
 MONTH: SEP HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	34.5	47.6	48.5	48.9	49.3	49.4	49.5	49.6	49.6	49.8	49.8	49.9	50.0	50.1	50.4	50.9
GE 20000	34.9	48.4	49.4	49.8	50.2	50.3	50.4	50.5	50.5	50.6	50.7	50.7	50.9	51.0	51.3	51.8
GE 18000	35.0	48.5	49.5	49.9	50.3	50.4	50.5	50.6	50.6	50.8	50.8	50.9	51.0	51.1	51.4	51.9
GE 16000	35.0	48.6	49.6	50.0	50.4	50.5	50.6	50.7	50.7	50.9	50.9	51.0	51.1	51.2	51.5	52.0
GE 14000	35.3	49.0	50.1	50.5	50.9	51.0	51.1	51.2	51.4	51.4	51.4	51.4	51.6	51.7	52.0	52.5
GE 12000	35.7	49.5	50.6	51.0	51.4	51.6	51.7	51.8	51.8	51.9	52.0	52.0	52.2	52.3	52.6	53.1
GE 10000	36.2	50.3	51.4	51.8	52.3	52.4	52.5	52.6	52.6	52.8	52.9	52.9	53.1	53.1	53.5	54.0
GE 9000	36.4	50.6	51.6	52.1	52.5	52.7	52.8	52.9	52.9	53.0	53.1	53.1	53.3	53.4	53.7	54.2
GE 8000	36.5	50.9	52.0	52.4	52.9	53.1	53.2	53.3	53.3	53.4	53.5	53.5	53.7	53.8	54.1	54.6
GE 7000	36.6	51.1	52.1	52.6	53.1	53.2	53.3	53.4	53.4	53.6	53.6	53.7	53.9	53.9	54.3	54.8
GE 6000	36.9	51.5	52.6	53.1	53.6	53.7	53.8	53.9	53.9	54.1	54.1	54.2	54.4	54.4	54.8	55.3
GE 5000	37.1	51.8	52.9	53.3	53.8	54.0	54.1	54.2	54.2	54.3	54.4	54.4	54.6	54.7	55.0	55.5
GE 4500	37.4	52.1	53.2	53.6	54.1	54.3	54.4	54.5	54.5	54.6	54.7	54.7	54.9	55.0	55.3	55.8
GE 4000	37.9	52.7	53.8	54.3	54.8	54.9	55.0	55.1	55.1	55.3	55.3	55.4	55.6	55.6	56.0	56.5
GE 3500	38.2	53.1	54.2	54.7	55.2	55.3	55.4	55.5	55.5	55.7	55.7	55.8	56.0	56.0	56.4	56.9
GE 3000	38.8	53.7	54.8	55.3	55.9	56.0	56.1	56.2	56.2	56.3	56.4	56.4	56.6	56.7	57.0	57.5
GE 2500	39.4	54.6	55.7	56.2	56.7	56.9	57.0	57.1	57.1	57.2	57.3	57.3	57.5	57.6	57.9	58.4
GE 2000	40.0	55.5	56.6	57.1	57.7	57.8	57.9	58.0	58.0	58.2	58.2	58.3	58.4	58.5	58.8	59.3
GE 1800	40.2	55.9	57.1	57.6	58.2	58.3	58.4	58.5	58.5	58.7	58.7	58.8	58.9	59.0	59.3	59.8
GE 1500	40.7	56.9	58.1	58.6	59.2	59.3	59.4	59.6	59.6	59.7	59.8	59.8	60.0	60.1	60.4	60.9
GE 1200	41.3	58.6	59.8	60.4	61.0	61.2	61.3	61.4	61.4	61.5	61.6	61.6	61.8	61.9	62.2	62.7
GE 1000	41.6	60.1	61.6	62.4	63.0	63.1	63.2	63.4	63.4	63.5	63.6	63.6	63.8	63.9	64.2	64.7
GE 900	41.9	61.6	63.2	64.1	64.7	64.9	65.0	65.1	65.1	65.3	65.4	65.4	65.6	65.6	66.0	66.5
GE 800	42.1	63.1	65.0	66.0	66.7	66.9	67.0	67.1	67.1	67.3	67.4	67.4	67.6	67.6	68.0	68.5
GE 700	42.4	65.0	67.4	68.7	69.5	69.7	69.8	70.0	70.0	70.1	70.2	70.2	70.4	70.5	70.8	71.3
GE 600	42.5	66.6	69.5	71.4	72.4	72.6	72.8	73.0	73.0	73.2	73.2	73.3	73.5	73.5	73.9	74.4
GE 500	42.6	67.9	71.5	74.3	75.8	76.2	76.6	77.0	77.0	77.2	77.3	77.4	77.5	77.6	78.0	78.5
GE 400	42.6	68.6	72.6	76.3	78.5	79.1	79.8	80.5	80.5	80.9	81.1	81.1	81.4	81.5	81.9	82.5
GE 300	42.6	68.9	73.2	77.4	80.2	81.0	82.1	83.4	83.6	84.2	84.7	84.9	85.3	85.5	86.1	86.9
GE 200	42.6	68.9	73.3	77.7	81.7	83.1	84.7	86.1	86.1	86.5	87.0	87.5	88.4	89.0	90.7	92.7
GE 100	42.6	68.9	73.3	77.7	80.8	81.8	83.2	84.9	85.4	86.5	87.6	88.1	89.3	90.2	93.3	99.3
GE 0	42.6	68.9	73.3	77.7	80.8	81.8	83.2	84.9	85.4	86.5	87.6	88.1	89.3	90.2	93.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 10730

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: 63-72,77,79-80,82
MONTH: OCT HOURS(ULI): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES										NO CEIL					
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1		3/4	5/8	1/2	5/16	1/4
GE 20000	41.4	55.5	55.9	56.7	57.8	57.8	58.1	58.6	58.7	59.0	59.2	59.3	59.7	59.8	60.7	62.2
GE 18000	41.8	55.9	56.3	57.2	58.3	58.3	58.7	59.1	59.2	59.5	59.7	59.8	60.2	60.3	61.2	62.7
GE 16000	41.8	56.0	56.5	57.3	58.4	58.4	58.8	59.2	59.3	59.6	59.8	59.9	60.3	60.4	61.3	62.9
GE 14000	41.8	56.3	56.8	57.6	58.8	58.8	59.1	59.5	59.6	59.9	60.1	60.2	60.7	60.8	61.6	63.2
GE 12000	42.1	56.3	56.8	57.6	58.8	58.8	59.1	59.5	59.6	59.9	60.1	60.2	60.7	60.8	61.6	63.2
GE 10000	42.1	56.3	56.8	57.6	58.8	58.8	59.1	59.5	59.6	59.9	60.1	60.2	60.7	60.8	61.6	63.2
GE 9000	42.1	56.3	56.8	57.6	58.8	58.8	59.1	59.5	59.6	59.9	60.1	60.2	60.7	60.8	61.6	63.2
GE 8000	42.1	57.0	57.4	58.2	59.4	59.4	59.7	60.1	60.2	60.5	60.8	60.9	61.3	61.4	62.2	63.8
GE 7000	42.1	57.2	57.6	58.4	59.6	59.6	59.9	60.3	60.4	60.8	61.0	61.1	61.5	61.6	62.4	64.0
GE 6000	42.1	57.2	57.6	58.4	59.6	59.6	59.9	60.3	60.4	60.8	61.0	61.1	61.5	61.6	62.4	64.0
GE 5000	42.3	57.5	57.9	58.8	59.9	59.9	60.2	60.7	60.8	61.1	61.3	61.4	61.8	61.9	62.7	64.3
GE 4500	42.6	58.1	58.6	59.4	60.5	60.5	60.9	61.3	61.4	61.7	61.9	62.0	62.4	62.5	63.4	65.0
GE 4000	43.2	59.0	59.4	60.2	61.4	61.4	61.7	62.1	62.2	62.5	62.7	62.9	63.3	63.4	64.2	65.8
GE 3500	43.7	59.4	59.8	60.7	61.8	61.8	62.1	62.5	62.6	63.0	63.2	63.3	63.7	63.8	64.6	66.2
GE 3000	44.0	60.0	60.4	61.3	62.4	62.4	62.7	63.2	63.3	63.6	63.8	63.9	64.3	64.4	65.3	66.8
GE 2500	44.6	61.0	61.4	62.2	63.4	63.4	63.7	64.1	64.2	64.5	64.7	64.8	65.3	65.4	66.2	67.8
GE 2000	44.8	62.3	62.7	63.6	64.7	64.7	65.1	65.5	65.6	65.9	66.1	66.2	66.6	66.7	67.6	69.2
GE 1800	45.1	63.3	63.7	64.5	65.7	65.7	66.0	66.4	66.5	66.8	67.1	67.2	67.6	67.7	68.5	70.1
GE 1500	45.8	64.8	65.3	66.1	67.4	67.4	67.7	68.1	68.2	68.5	68.7	68.8	69.3	69.4	70.2	71.8
GE 1200	46.2	67.1	67.5	68.3	69.6	69.6	69.9	70.3	70.4	70.7	70.9	71.0	71.5	71.6	72.4	74.0
GE 1000	46.6	68.6	69.0	69.9	71.1	71.1	71.5	71.9	72.0	72.3	72.5	72.6	73.0	73.1	74.0	75.6
GE 900	46.9	69.2	69.7	70.5	71.8	72.0	72.3	72.7	72.8	73.1	73.3	73.5	73.9	74.0	74.8	76.4
GE 800	46.9	70.2	70.8	71.8	73.0	73.2	73.6	74.0	74.1	74.4	74.6	74.7	75.1	75.2	76.1	77.6
GE 700	47.0	71.7	72.7	73.9	75.1	75.4	75.8	76.3	76.4	76.7	76.9	77.0	77.4	77.5	78.4	80.0
GE 600	47.0	72.0	73.1	74.6	76.1	76.5	76.9	77.5	77.6	78.0	78.2	78.3	78.7	78.8	79.6	81.2
GE 500	47.0	72.2	73.7	75.9	77.2	77.8	78.3	78.9	79.0	79.3	79.6	79.7	80.2	80.3	81.1	82.7
GE 400	47.0	72.4	74.0	77.0	78.6	79.1	79.6	80.3	80.4	80.7	81.0	81.1	81.5	81.6	82.5	84.1
GE 300	47.0	72.7	74.3	77.5	79.5	80.3	80.8	81.8	82.0	82.4	82.8	82.9	83.3	83.4	84.7	86.5
GE 200	47.0	72.7	74.3	77.5	79.6	80.4	81.0	82.4	82.6	83.3	83.9	84.3	84.9	85.2	87.8	91.4
GE 100	47.0	72.7	74.3	77.5	79.6	80.4	81.3	82.7	82.9	83.6	84.4	84.8	85.7	86.0	90.2	98.1
GE 01	47.0	72.7	74.3	77.5	79.6	80.4	81.3	82.7	82.9	83.6	84.4	84.6	85.7	86.0	90.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 953

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: 63-72, 77-78, 80, 83-84
MONTH: OCT HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES																			
	10	GE	6	GE	5	GE	4	GE	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	GE
NO CEIL	1	38.3	50.8	52.2	52.4	53.3	53.3	53.3	53.5	53.6	53.8	53.9	54.0	54.1	54.1	54.1	54.7	56.0	57.6	
GE 20000	1	38.6	51.3	52.5	52.7	53.7	53.7	53.8	53.8	53.9	54.1	54.2	54.3	54.4	54.4	54.4	55.0	56.3	57.9	
GE 18000	1	38.6	51.3	52.6	52.8	53.8	53.8	53.9	53.9	54.0	54.2	54.3	54.4	54.5	54.5	54.5	55.1	56.4	58.1	
GE 16000	1	38.7	51.6	52.9	53.1	54.1	54.1	54.2	54.2	54.3	54.5	54.6	54.7	54.8	54.8	54.8	55.4	56.7	58.4	
GE 14000	1	38.9	51.8	53.1	53.3	54.3	54.3	54.4	54.4	54.5	54.7	54.8	54.9	55.0	55.0	55.0	55.6	56.9	58.6	
GE 12000	1	39.0	51.9	53.2	53.5	54.4	54.4	54.5	54.5	54.6	54.8	54.9	55.0	55.1	55.1	55.1	55.8	57.0	58.7	
GE 10000	1	39.2	52.1	53.5	53.7	54.6	54.6	54.7	54.7	54.8	55.0	55.1	55.2	55.3	55.3	55.3	56.0	57.2	58.9	
GE 9000	1	39.3	52.2	53.6	53.8	54.7	54.7	54.8	54.8	54.9	55.1	55.2	55.3	55.4	55.4	55.4	56.1	57.3	59.0	
GE 8000	1	39.6	52.6	54.0	54.2	55.1	55.1	55.2	55.2	55.3	55.5	55.6	55.6	55.6	55.6	55.6	56.5	57.7	59.4	
GE 7000	1	39.6	52.6	54.0	54.2	55.1	55.1	55.2	55.2	55.3	55.5	55.6	55.6	55.6	55.6	55.6	56.5	57.7	59.4	
GE 6000	1	40.0	53.2	54.6	54.8	55.8	55.8	55.9	55.9	56.0	56.2	56.3	56.4	56.4	56.4	56.5	57.1	58.4	60.0	
GE 5000	1	40.1	53.5	54.8	55.0	56.0	56.0	56.1	56.1	56.2	56.4	56.5	56.6	56.6	56.6	56.7	57.3	58.6	60.3	
GE 4500	1	40.4	54.0	55.3	55.5	56.5	56.5	56.6	56.6	56.7	56.9	57.0	57.1	57.2	57.2	57.2	57.8	59.1	60.8	
GE 4000	1	41.1	55.0	56.4	56.6	57.5	57.5	57.6	57.6	57.7	57.9	58.0	58.1	58.2	58.3	58.3	58.9	60.1	61.6	
GE 3500	1	41.3	55.2	56.6	56.8	57.7	57.7	57.8	57.8	57.9	58.1	58.2	58.3	58.4	58.5	58.5	59.1	60.4	62.0	
GE 3000	1	41.8	56.2	57.5	57.8	58.8	58.8	58.9	58.9	59.0	59.2	59.3	59.4	59.5	59.5	59.5	60.1	61.4	63.1	
GE 2500	1	42.4	57.2	58.6	58.9	59.8	59.8	59.9	59.9	60.0	60.3	60.4	60.5	60.6	60.6	60.6	61.2	62.4	64.1	
GE 2000	1	42.8	58.7	60.0	60.4	61.3	61.3	61.5	61.5	61.6	61.8	61.9	62.0	62.1	62.1	62.1	62.8	64.0	65.7	
GE 1800	1	42.8	59.4	60.8	61.1	62.0	62.0	62.2	62.2	62.3	62.6	62.7	62.8	62.9	62.9	62.9	63.5	64.7	66.4	
GE 1500	1	43.5	61.3	62.7	63.0	63.9	63.9	64.1	64.1	64.2	64.4	64.5	64.6	64.7	64.7	64.7	65.4	66.6	68.3	
GE 1200	1	43.9	63.0	64.3	64.7	65.7	65.7	65.9	65.9	66.0	66.2	66.3	66.4	66.5	66.5	66.5	67.2	68.4	70.1	
GE 1000	1	44.4	64.5	65.9	66.3	67.3	67.3	67.5	67.5	67.6	67.8	67.9	68.0	68.1	68.1	68.1	68.7	70.0	71.7	
GE 900	1	44.5	65.6	67.2	67.7	68.9	68.9	69.1	69.1	69.2	69.5	69.6	69.7	69.8	69.8	69.8	70.4	71.7	73.3	
GE 800	1	44.7	66.6	68.3	69.2	70.5	70.6	70.8	70.8	70.9	71.1	71.2	71.3	71.4	71.4	71.4	72.1	73.3	75.0	
GE 700	1	44.9	67.8	69.6	70.5	72.0	72.1	72.3	72.3	72.5	72.7	72.8	72.9	73.0	73.0	73.0	73.6	74.9	76.6	
GE 600	1	44.9	68.6	70.9	72.2	74.0	74.1	74.3	74.3	74.6	74.8	74.9	75.0	75.1	75.1	75.1	75.7	77.0	78.7	
GE 500	1	44.9	69.5	72.1	74.0	76.2	76.3	76.6	76.6	76.9	77.1	77.2	77.3	77.4	77.4	77.4	78.0	79.3	81.0	
GE 400	1	44.9	69.6	72.2	75.0	77.4	77.6	77.9	77.9	78.2	78.5	78.6	78.7	78.9	78.9	78.9	79.5	80.9	82.5	
GE 300	1	44.9	69.7	72.4	75.4	77.9	78.5	79.2	79.2	79.6	79.8	80.1	80.2	80.5	80.5	80.5	81.4	83.4	85.6	
GE 200	1	44.9	69.7	72.4	75.4	77.9	78.5	79.4	79.4	79.9	80.1	80.5	80.9	81.2	81.3	81.3	82.1	85.6	89.3	
GE 100	1	44.9	69.7	72.4	75.4	77.9	78.5	79.5	79.5	80.0	80.2	80.8	81.3	81.8	81.9	81.9	82.7	88.0	97.6	
GE 01	1	44.9	69.7	72.4	75.4	77.9	78.5	79.5	79.5	80.0	80.2	80.8	81.3	81.8	81.9	81.9	82.7	88.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 956

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAJ

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 63-84
 MONTH: OCT HOURS(LST): 0600-0800

CEILING IN FEET	PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	41.7	48.0	48.6	49.1	50.0	50.4	51.0	51.3	51.3	51.5	51.7	51.7	52.1	52.3	53.0	54.4
GE 20000	43.0	49.8	50.5	51.0	51.9	52.3	52.9	53.3	53.3	53.5	53.7	53.8	54.2	54.4	55.1	56.7
GE 18000	43.1	49.9	50.6	51.1	52.0	52.3	53.0	53.4	53.4	53.6	53.8	53.8	54.2	54.4	55.1	56.7
GE 16000	43.5	50.4	51.0	51.5	52.5	52.8	53.4	53.8	53.8	54.0	54.2	54.3	54.7	54.9	55.6	57.2
GE 14000	43.7	50.8	51.5	52.1	53.0	53.3	54.0	54.4	54.4	54.6	54.8	54.8	55.2	55.4	56.1	57.7
GE 12000	44.4	51.7	52.4	52.9	53.8	54.2	54.8	55.2	55.2	55.4	55.6	55.7	56.1	56.3	57.1	58.7
GE 10000	45.0	52.5	53.2	53.7	54.6	55.0	55.6	56.0	56.0	56.2	56.4	56.5	56.9	57.1	57.9	59.5
GE 9000	45.0	52.5	53.2	53.8	54.7	55.0	55.7	56.1	56.1	56.3	56.5	56.5	56.9	57.2	58.0	59.5
GE 8000	45.4	53.2	54.0	54.5	55.4	55.7	56.4	56.8	56.8	57.0	57.2	57.2	57.6	57.9	58.7	60.3
GE 7000	45.5	53.4	54.1	54.6	55.5	55.9	56.5	56.9	56.9	57.1	57.3	57.4	57.8	58.0	58.9	60.5
GE 6000	46.1	54.1	54.8	55.4	56.3	56.7	57.3	57.7	57.7	57.9	58.1	58.2	58.6	58.8	59.7	61.2
GE 5000	46.4	54.5	55.2	55.8	56.7	57.0	57.7	58.1	58.1	58.3	58.5	58.6	59.0	59.2	60.1	61.6
GE 4500	47.0	55.2	55.9	56.5	57.4	57.8	58.4	58.8	58.8	59.0	59.2	59.3	59.7	59.9	60.8	62.4
GE 4000	47.8	56.1	56.8	57.4	58.3	58.6	59.3	59.7	59.7	59.9	60.1	60.5	60.8	61.0	61.6	63.2
GE 3500	48.0	56.3	57.0	57.6	58.6	58.9	59.5	59.9	59.9	60.1	60.3	60.4	60.8	61.0	61.9	63.5
GE 3000	48.7	57.3	58.0	58.6	59.5	59.9	60.5	60.9	60.9	61.1	61.3	61.4	61.8	62.1	62.9	64.5
GE 2500	49.2	58.4	59.1	59.7	60.7	61.0	61.7	62.1	62.1	62.3	62.5	62.6	63.0	63.2	64.1	65.6
GE 2000	49.6	59.5	60.4	61.0	62.3	62.7	63.3	63.7	63.7	63.9	64.1	64.2	64.6	64.9	65.7	67.3
GE 1800	50.3	60.8	61.6	62.4	63.7	64.1	64.7	65.1	65.1	65.3	65.6	65.6	66.0	66.3	67.2	68.8
GE 1500	50.8	61.7	62.8	63.5	64.9	65.4	66.2	66.6	66.6	66.8	67.1	67.1	67.5	67.8	68.7	70.3
GE 1200	51.5	63.0	64.1	65.0	66.6	67.1	67.9	68.3	68.3	68.5	68.8	68.9	69.2	69.5	70.4	72.0
GE 1000	51.7	63.3	64.7	65.9	67.6	68.1	68.9	69.4	69.4	69.6	69.8	69.9	70.3	70.6	71.5	73.0
GE 900	52.1	64.6	66.1	67.7	69.4	69.9	70.9	71.3	71.3	71.5	71.8	71.9	72.3	72.5	73.4	75.0
GE 800	52.2	65.3	66.9	69.0	71.1	71.7	72.8	73.2	73.2	73.4	73.7	73.8	74.2	74.4	75.3	76.9
GE 700	52.3	65.8	67.5	69.7	72.0	72.6	73.7	74.3	74.3	74.5	74.8	74.8	75.2	75.5	76.4	78.0
GE 600	52.3	66.2	68.1	70.5	73.0	73.7	75.1	75.7	75.7	75.9	76.1	76.2	76.6	76.9	77.8	79.3
GE 500	52.3	66.5	68.5	71.1	74.3	75.0	76.7	77.3	77.3	77.5	77.8	77.8	78.2	78.5	79.5	81.1
GE 400	52.3	66.6	68.5	72.0	75.5	76.3	78.4	79.3	79.3	79.9	80.3	80.5	80.9	81.1	82.1	83.9
GE 300	52.3	66.6	68.6	72.1	75.7	76.6	79.1	80.3	80.5	81.2	82.0	82.2	82.8	83.0	84.4	86.4
GE 200	52.3	66.7	68.7	72.2	76.1	76.9	79.7	81.0	81.3	82.4	83.1	83.4	84.5	84.9	87.2	91.8
GE 100	52.3	66.7	68.7	72.2	76.1	76.9	79.8	81.3	81.6	82.6	83.5	84.2	85.3	85.8	89.2	98.8
GE 01	52.3	66.7	68.7	72.2	76.1	76.9	79.8	81.3	81.6	82.6	83.5	84.2	85.3	85.8	89.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 1525

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: 63-84
MONTH: OCT HOURS(LST): 0900-1100

CEILINGS IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	50.5	60.2	61.4	62.4	62.6	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 20000	52.3	63.1	64.5	65.7	66.0	66.1	66.2	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4
GE 18000	52.8	63.7	65.0	66.2	66.5	66.6	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 16000	53.0	63.9	65.3	66.5	66.8	67.0	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2
GE 14000	53.5	64.6	66.0	67.3	67.6	67.7	67.8	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0
GE 12000	54.1	65.2	66.6	68.0	68.2	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 10000	54.4	66.0	67.4	68.9	69.2	69.4	69.5	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7
GE 9000	54.4	66.0	67.4	68.9	69.2	69.4	69.5	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7
GE 8000	55.0	66.9	68.2	69.8	70.1	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 7000	55.4	67.3	68.6	70.2	70.5	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 6000	56.2	68.1	69.5	71.0	71.3	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 5000	56.9	69.0	70.4	71.9	72.2	72.4	72.5	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7
GE 4500	57.3	69.4	70.8	72.3	72.6	72.8	72.9	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1
GE 4000	57.7	69.9	71.3	72.8	73.1	73.3	73.4	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6
GE 3500	58.1	70.3	71.6	73.2	73.5	73.6	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 3000	58.2	70.6	72.0	73.5	73.8	74.0	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3
GE 2500	59.4	71.9	73.5	75.1	75.5	75.6	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 2000	60.6	73.9	75.6	77.4	77.7	77.9	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2
GE 1800	61.2	74.8	76.4	78.3	78.7	78.8	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 1500	62.2	76.4	78.4	80.5	80.9	81.1	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4
GE 1200	62.9	77.8	79.9	82.1	82.7	82.8	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2
GE 1000	63.2	78.8	81.0	83.5	84.1	84.3	84.4	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7
GE 900	63.3	79.8	82.2	84.9	85.5	85.8	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1
GE 800	63.4	80.7	83.4	86.2	87.0	87.2	87.4	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6
GE 700	63.4	80.8	83.8	86.7	87.6	87.8	87.9	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2
GE 600	63.4	81.2	84.3	87.8	88.9	89.3	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
GE 500	63.5	81.6	85.0	88.9	90.2	90.7	91.2	91.4	91.4	91.4	91.5	91.5	91.6	91.6	91.6	91.6
GE 400	63.5	81.7	85.1	89.5	91.6	92.5	93.3	93.6	93.6	93.6	93.8	93.9	93.9	93.9	94.0	94.0
GE 300	63.5	81.7	85.1	89.6	92.0	93.1	94.1	94.9	94.9	94.9	95.3	95.6	96.0	96.2	96.5	96.5
GE 200	63.6	81.8	85.2	89.6	92.0	93.2	94.2	95.2	95.2	95.2	95.7	96.1	96.4	97.3	97.8	98.9
GE 100	63.6	81.8	85.2	89.6	92.0	93.2	94.2	95.2	95.2	95.2	95.7	96.1	96.4	97.4	98.1	100.0
GE 01	63.6	81.8	85.2	89.6	92.0	93.2	94.2	95.2	95.2	95.2	95.7	96.1	96.4	97.4	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 1748

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: 63-84
MONTH: OCT HOURS(DLST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	55.3	69.0	70.0	70.6	71.4	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 20000	57.7	72.9	74.2	75.1	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9
GE 18000	57.8	73.1	74.5	75.4	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2
GE 16000	58.0	73.3	74.6	75.5	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 14000	58.3	73.9	75.3	76.2	76.7	76.8	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0
GE 12000	59.0	74.7	76.2	77.1	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9
GE 10000	59.5	75.3	76.8	77.8	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6
GE 9000	59.7	75.5	77.0	77.9	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8
GE 8000	60.5	76.4	77.9	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7
GE 7000	60.9	76.9	78.4	79.3	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 6000	61.6	77.5	79.0	80.0	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8
GE 5000	61.9	78.0	79.5	80.5	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3
GE 4500	62.1	78.4	79.9	80.9	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7
GE 4000	62.4	78.8	80.3	81.3	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1
GE 3500	63.0	79.5	81.0	82.0	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8
GE 3000	63.7	80.3	81.6	82.8	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6
GE 2500	64.6	81.5	83.0	84.0	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8
GE 2000	65.2	82.5	84.1	85.1	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9
GE 1800	65.6	83.2	84.9	85.9	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1500	66.2	84.8	86.6	87.7	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6
GE 1200	66.7	86.5	88.5	89.6	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5
GE 1000	66.8	87.0	89.1	90.3	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2
GE 900	67.0	87.3	89.6	91.0	91.7	91.8	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0
GE 800	67.1	87.7	90.0	91.5	92.5	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 700	67.1	88.1	90.7	92.3	93.4	93.4	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 600	67.2	88.8	91.5	93.4	94.7	94.7	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3
GE 500	67.2	89.2	92.1	94.2	95.8	95.9	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 400	67.2	89.3	92.2	94.4	96.4	96.6	97.2	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8
GE 300	67.2	89.3	92.2	94.5	96.5	96.7	97.6	98.2	98.5	98.9	99.0	99.1	99.1	99.1	99.1	99.1
GE 200	67.2	89.3	92.2	94.5	96.5	96.7	97.6	98.2	98.5	98.9	99.1	99.2	99.3	99.3	99.3	99.3
GE 100	67.2	89.3	92.2	94.5	96.5	96.7	97.6	98.2	98.5	98.9	99.1	99.2	99.4	99.4	99.4	99.4
GE 0	67.2	89.3	92.2	94.5	96.5	96.7	97.6	98.2	98.5	98.9	99.1	99.2	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS: 1746

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

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 63-84
 MONTH: OCT HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES													
	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	52.0	62.3	63.3	63.7	64.2	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 20000	54.7	66.2	67.3	67.8	68.3	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 18000	54.7	66.4	67.5	68.0	68.5	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 16000	55.0	66.8	67.9	68.4	69.0	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 14000	55.3	67.3	68.6	69.1	69.7	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 12000	55.9	68.0	69.2	69.7	70.3	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 10000	56.4	68.6	69.9	70.4	70.9	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 9000	56.5	68.8	70.1	70.6	71.2	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 8000	56.9	69.2	70.6	71.1	71.6	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 7000	57.0	69.5	70.8	71.3	71.9	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 6000	57.7	70.2	71.6	72.2	72.7	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 5000	58.0	70.6	71.9	72.6	73.2	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 4500	58.1	70.6	72.0	72.7	73.2	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 4000	58.5	71.1	72.5	73.2	73.7	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 3500	59.0	71.7	73.1	73.8	74.4	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 3000	59.8	72.6	74.0	74.7	75.3	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 2500	60.1	73.2	74.6	75.3	75.8	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 2000	61.5	74.7	76.1	76.9	77.4	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 1800	61.7	75.5	76.9	77.7	78.3	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 1500	62.5	76.9	78.4	79.3	80.0	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 1200	63.4	79.1	80.7	81.6	82.3	82.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 1000	64.1	80.5	82.1	83.0	83.6	83.9	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 900	64.3	80.9	82.6	84.2	84.8	85.1	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 800	64.7	81.7	84.0	85.6	86.4	86.7	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 700	64.7	82.5	85.2	87.0	87.9	88.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 600	64.8	83.7	86.9	89.2	90.3	90.8	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 500	64.9	84.3	88.0	90.5	92.2	92.8	93.8	94.2	94.3	94.3	94.3	94.3	94.3	94.3
GE 400	64.9	84.4	88.3	91.3	93.6	94.3	95.5	96.1	96.4	96.4	96.5	96.5	96.5	96.5
GE 300	64.9	84.4	88.4	91.4	93.9	94.5	96.1	97.1	97.4	97.6	97.9	98.2	98.2	98.2
GE 200	64.9	84.4	88.4	91.4	93.9	94.5	96.1	97.2	97.3	97.6	98.5	98.5	99.4	99.4
GE 100	64.9	84.4	88.4	91.4	93.9	94.5	96.1	97.2	97.3	97.6	98.6	98.6	99.2	100.0
GE 0	64.9	84.4	88.4	91.4	93.9	94.5	96.1	97.2	97.3	97.6	98.6	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 1573

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/LMAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDOLMBERG AFB CA

PERIOD OF RECORD: 63-74,77,79-84
MONTH: OCT HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6	7	8	9	10	100
NO CEIL	43.3	53.6	54.6	55.3	55.8	55.8	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
6E 20000	43.9	55.5	56.2	56.7	56.8	56.8	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1
6E 18000	43.9	54.6	55.5	56.2	56.8	56.9	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2
6E 16000	44.4	55.1	56.1	56.8	57.5	57.6	57.8	57.8	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9
6E 14000	44.5	55.7	56.7	57.4	58.1	58.2	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5
6E 12000	44.7	56.0	56.9	57.6	58.3	58.5	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8
6E 10000	45.5	56.8	57.7	58.4	59.1	59.3	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5
6E 9000	45.6	56.8	57.9	58.6	59.3	59.4	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7
6E 8000	45.6	57.2	58.2	58.9	59.6	59.8	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1
6E 7000	45.9	57.7	58.8	59.4	60.1	60.3	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6
6E 6000	46.4	58.1	59.2	59.9	60.6	60.7	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0
6E 5000	46.8	58.6	59.6	60.3	61.0	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
6E 4500	47.0	58.8	59.8	60.5	61.2	61.4	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6
6E 4000	47.0	59.0	60.1	60.7	61.4	61.6	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9
6E 3500	47.6	59.8	60.8	61.5	62.2	62.4	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7
6E 3000	48.3	60.8	61.9	62.6	63.3	63.4	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7
6E 2500	49.2	62.4	63.4	64.1	64.8	65.0	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3
6E 2000	49.7	63.7	64.7	65.5	66.2	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
6E 1800	50.4	64.7	65.8	66.6	67.3	67.5	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8
6E 1500	51.3	66.2	67.2	68.1	68.9	69.1	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3
6E 1200	52.5	68.7	69.8	70.6	71.4	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
6E 1000	52.9	69.9	71.1	72.2	73.0	73.1	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5
6E 900	53.3	71.0	72.2	73.6	74.4	74.5	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9
6E 800	53.6	72.4	73.7	75.1	75.9	76.1	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5
6E 700	53.6	73.0	74.6	76.4	77.4	77.6	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0
6E 600	53.6	74.2	76.3	78.6	79.6	79.9	80.2	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6
6E 500	53.6	75.3	77.6	80.6	81.9	82.1	82.7	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
6E 400	53.6	75.9	78.8	83.0	84.5	84.7	85.4	85.6	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
6E 300	53.6	75.9	78.8	83.2	86.0	86.4	87.3	87.7	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6
6E 200	53.6	75.9	78.8	83.4	86.6	87.2	88.5	88.8	89.8	90.3	90.4	90.4	90.4	90.4	90.4	90.4
6E 100	53.6	75.9	78.8	83.4	86.6	87.2	88.5	88.8	89.9	90.4	90.5	90.5	90.5	90.5	90.5	90.5
6E 01	53.6	75.9	78.6	83.4	86.6	87.2	88.5	88.8	89.9	90.4	90.5	90.5	90.5	90.5	90.5	90.5

TOTAL NUMBER OF OBSERVATIONS: 1154

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: 63-74, 77-82, 84
 MONTH: OCT HOURS(IST): 100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	GE	
NO CEIL	42.3	54.4	55.5	56.4	57.5	57.5	57.7	57.9	57.9	58.1	58.2	58.8	59.2	60.0	60.7
GE 20000	42.5	54.6	55.6	56.6	57.7	57.7	57.9	58.1	58.3	58.3	58.4	59.0	59.4	60.1	60.9
GE 18000	42.5	54.6	55.7	56.7	57.8	57.8	57.9	58.2	58.4	58.4	58.5	59.0	59.5	60.2	61.0
GE 16000	42.6	54.9	56.0	56.9	58.0	58.0	58.2	58.4	58.5	58.7	58.8	59.3	59.8	60.5	61.2
GE 14000	42.8	55.2	56.3	57.2	58.3	58.3	58.5	58.7	58.8	59.0	59.0	59.6	60.1	60.8	61.5
GE 12000	43.0	55.5	56.6	57.5	58.6	58.6	58.8	59.0	59.2	59.2	59.3	59.9	60.3	61.1	61.8
GE 10000	43.6	56.1	57.2	58.1	59.2	59.2	59.4	59.6	59.7	59.9	60.0	60.5	61.0	61.7	62.4
GE 9000	43.6	56.1	57.2	58.1	59.2	59.2	59.4	59.6	59.7	59.9	60.0	60.5	61.0	61.7	62.4
GE 8000	43.6	56.6	57.7	58.6	59.7	59.7	59.9	60.1	60.3	60.3	60.4	61.0	61.4	62.2	62.9
GE 7000	43.6	56.6	57.7	58.6	59.7	59.7	59.9	60.1	60.3	60.3	60.4	61.0	61.4	62.2	62.9
GE 6000	43.7	57.0	58.1	59.0	60.1	60.1	60.3	60.5	60.6	60.8	60.9	61.4	61.9	62.6	63.4
GE 5000	44.1	57.4	58.5	59.4	60.5	60.5	60.7	60.9	61.0	61.2	61.2	61.8	62.3	63.0	63.7
GE 4500	44.1	57.6	58.7	59.6	60.7	60.7	60.9	61.1	61.2	61.3	61.4	62.0	62.4	63.2	63.9
GE 4000	44.9	58.0	59.2	60.1	61.2	61.2	61.4	61.6	61.7	61.9	61.9	62.5	63.0	63.7	64.5
GE 3500	44.9	58.7	59.9	60.8	61.9	61.9	62.1	62.3	62.4	62.5	62.6	63.2	63.6	64.4	65.1
GE 3000	45.2	59.5	60.7	61.6	62.8	62.8	63.0	63.2	63.3	63.5	63.5	64.1	64.6	65.3	66.0
GE 2500	45.6	60.3	61.5	62.5	63.7	63.7	63.9	64.1	64.2	64.4	64.5	65.0	65.5	66.2	66.9
GE 2000	46.2	61.7	62.9	63.9	65.1	65.1	65.3	65.5	65.6	65.7	65.8	66.4	66.9	67.6	68.3
GE 1800	47.2	63.5	64.6	65.7	66.9	66.9	67.0	67.2	67.3	67.5	67.6	68.1	68.6	69.3	70.1
GE 1500	48.0	64.7	65.9	67.0	68.3	68.3	68.5	68.7	68.8	69.0	69.1	69.6	70.1	70.8	71.5
GE 1200	48.8	67.4	68.6	69.8	71.1	71.1	71.3	71.5	71.6	71.8	71.9	72.5	72.9	73.6	74.4
GE 1000	49.1	68.7	70.0	71.4	72.7	72.7	73.0	73.2	73.3	73.5	73.6	74.1	74.6	75.3	76.0
GE 900	49.6	70.1	71.5	73.2	74.5	74.5	74.7	74.9	75.0	75.2	75.3	75.8	76.3	77.0	77.8
GE 800	49.9	71.3	72.9	74.6	75.8	75.8	76.1	76.3	76.4	76.6	76.7	77.2	77.7	78.4	79.2
GE 700	50.0	72.3	74.1	75.8	77.0	77.0	77.3	77.5	77.6	77.8	77.9	78.4	78.9	79.6	80.3
GE 600	50.0	72.9	75.2	77.2	78.5	78.5	78.8	79.1	79.2	79.3	79.4	80.0	80.4	81.2	81.9
GE 500	50.0	73.4	76.4	79.0	80.3	80.3	80.7	81.1	81.4	81.5	81.6	82.3	82.7	83.5	84.2
GE 400	50.0	73.9	77.3	80.6	82.4	82.4	82.8	83.2	83.5	83.7	83.8	84.4	84.8	85.6	86.4
GE 300	50.0	74.0	77.5	81.1	83.6	83.6	84.0	84.5	85.0	85.3	85.4	86.0	86.5	87.3	88.1
GE 200	50.0	74.0	77.5	81.4	83.8	83.8	84.2	84.7	85.2	85.5	85.6	86.2	86.7	87.5	88.3
GE 100	50.0	74.0	77.5	81.4	83.8	83.8	84.2	84.7	85.2	85.5	85.6	86.2	86.7	87.5	88.3
GE 0	50.0	74.0	77.5	81.4	83.8	83.8	84.2	84.7	85.2	85.5	85.6	86.2	86.7	87.5	88.3

TOTAL NUMBER OF OBSERVATIONS: 1089

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: 63-84
MONTH: OCT HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	46.0	57.7	58.6	59.3	60.0	60.1	60.3	60.5	60.5	60.6	60.7	60.7	60.9	61.1	61.5	62.1
GE 20000	48.2	59.8	60.4	61.6	62.3	62.4	62.6	62.8	62.8	62.8	62.9	63.0	63.2	63.4	63.8	64.4
GE 18000	48.3	60.0	61.1	61.8	62.5	62.6	62.8	63.0	63.0	63.0	63.1	63.2	63.4	63.6	64.0	64.7
GE 16000	48.5	60.3	61.3	62.1	62.8	62.9	63.2	63.3	63.4	63.5	63.5	63.6	63.8	63.9	64.3	65.0
GE 14000	48.8	60.6	61.5	62.6	63.4	63.5	63.7	63.9	63.9	64.0	64.1	64.1	64.3	64.5	64.9	65.5
GE 12000	49.2	61.3	62.4	63.2	63.9	64.0	64.3	64.4	64.5	64.5	64.6	64.7	64.8	65.0	65.5	66.1
GE 10000	49.7	61.9	63.0	63.8	64.6	64.7	64.9	65.1	65.1	65.2	65.3	65.3	65.5	65.7	66.1	66.7
GE 9000	49.8	62.0	63.1	63.9	64.7	64.8	65.0	65.2	65.2	65.3	65.4	65.4	65.6	65.8	66.2	66.8
GE 8000	50.1	62.6	63.7	64.6	65.3	65.4	65.6	65.8	65.9	65.9	66.0	66.1	66.2	66.4	66.8	67.5
GE 7000	50.3	62.9	64.0	64.8	65.6	65.7	65.9	66.1	66.1	66.2	66.3	66.3	66.5	66.7	67.1	67.7
GE 6000	50.8	63.5	64.6	65.5	66.2	66.3	66.5	66.7	66.7	66.8	66.9	66.9	67.1	67.3	67.7	68.4
GE 5000	51.2	63.9	65.1	65.9	66.7	66.8	67.0	67.2	67.2	67.3	67.4	67.4	67.6	67.8	68.2	68.8
GE 4500	51.5	64.3	65.5	66.3	67.0	67.2	67.4	67.6	67.6	67.7	67.8	67.8	68.0	68.1	68.6	69.2
GE 4000	51.9	64.9	66.1	66.9	67.6	67.8	68.0	68.1	68.2	68.3	68.4	68.4	68.6	68.7	69.2	69.8
GE 3500	52.3	65.4	66.6	67.4	68.1	68.3	68.5	68.7	68.7	68.8	68.9	68.9	69.1	69.2	69.7	70.3
GE 3000	52.9	66.2	67.3	68.2	69.0	69.1	69.3	69.5	69.5	69.6	69.7	69.7	69.9	70.0	70.5	71.1
GE 2500	53.6	67.3	68.5	69.4	70.1	70.2	70.5	70.6	70.7	70.7	70.8	70.9	71.0	71.2	71.7	72.3
GE 2000	54.3	68.7	69.9	70.9	71.6	71.8	72.0	72.2	72.2	72.3	72.4	72.4	72.6	72.8	73.2	73.9
GE 1800	54.8	69.6	70.9	71.9	72.7	72.8	73.1	73.2	73.3	73.4	73.4	73.5	73.7	73.8	74.3	74.9
GE 1500	55.5	71.1	72.5	73.6	74.4	74.6	74.8	75.0	75.0	75.1	75.2	75.3	75.4	75.6	76.1	76.7
GE 1200	56.3	73.0	74.5	75.6	76.5	76.7	76.9	77.1	77.2	77.2	77.3	77.4	77.6	77.7	78.2	78.8
GE 1000	56.6	74.0	75.6	76.9	77.8	78.0	78.3	78.5	78.5	78.6	78.7	78.7	78.9	79.0	79.5	80.1
GE 900	56.8	74.9	76.6	78.1	79.1	79.3	79.6	79.8	79.9	80.0	80.0	80.1	80.3	80.4	80.9	81.5
GE 800	57.0	75.8	77.7	79.4	80.5	80.7	81.1	81.3	81.3	81.4	81.5	81.5	81.7	81.9	82.3	83.0
GE 700	57.1	76.4	78.6	80.5	81.7	81.9	82.3	82.6	82.7	82.8	82.8	82.9	83.0	83.2	83.7	84.3
GE 600	57.1	77.1	79.6	81.9	83.3	83.6	84.1	84.4	84.5	84.6	84.7	84.7	84.9	85.0	85.5	86.1
GE 500	57.2	77.7	80.4	83.1	84.9	85.2	85.9	86.2	86.4	86.5	86.6	86.6	86.8	87.0	87.5	88.1
GE 400	57.2	77.9	80.6	84.1	86.3	86.7	87.6	88.1	88.2	88.4	88.6	88.7	88.8	89.0	89.5	90.2
GE 300	57.2	77.9	80.9	84.3	86.8	87.4	88.5	89.0	89.5	90.0	90.2	90.4	90.7	90.9	91.7	92.5
GE 200	57.2	78.0	80.9	84.4	87.0	87.6	88.8	89.8	90.0	90.7	91.1	91.3	91.9	92.3	93.7	95.6
GE 100	57.2	78.0	80.9	84.4	87.0	87.6	88.9	89.9	90.1	90.8	91.3	91.6	92.2	92.6	94.8	99.3
GE 01	57.2	78.0	80.9	84.4	87.0	87.6	88.9	89.9	90.1	90.8	91.3	91.6	92.2	92.6	94.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 10744

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: 63-72,84
 MONTH: NOV HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	51.3	61.7	61.8	62.1	62.5	62.7	62.8	63.2	63.3	63.6	63.8	63.9	64.0	64.1	64.8	65.6
GE 20000	52.2	62.9	63.0	63.3	63.8	63.9	64.0	64.4	64.5	64.9	65.0	65.1	65.2	65.3	66.0	66.9
GE 18000	52.2	63.0	63.1	63.4	63.9	64.0	64.1	64.5	64.6	65.0	65.1	65.2	65.3	65.4	66.1	67.0
GE 16000	52.3	63.1	63.2	63.5	64.0	64.1	64.2	64.6	64.8	65.1	65.2	65.3	65.4	65.5	66.2	67.1
GE 14000	52.8	63.6	63.8	64.1	64.5	64.6	64.8	65.2	65.3	65.6	65.7	65.9	66.0	66.1	66.7	67.6
GE 12000	54.0	65.1	65.2	65.5	66.0	66.1	66.2	66.6	66.7	67.1	67.2	67.3	67.4	67.5	68.2	69.1
GE 10000	54.7	65.9	66.0	66.3	66.7	66.9	67.0	67.4	67.5	67.8	68.0	68.1	68.2	68.3	69.0	69.8
GE 9000	55.0	66.2	66.3	66.6	67.1	67.2	67.3	67.7	67.8	68.2	68.3	68.4	68.5	68.6	69.3	70.2
GE 8000	55.4	66.6	66.7	67.1	67.5	67.6	67.7	68.2	68.3	68.6	68.7	68.8	69.0	69.1	69.7	70.6
GE 7000	55.4	66.6	66.7	67.1	67.5	67.6	67.7	68.2	68.3	68.6	68.7	68.8	69.0	69.1	69.7	70.6
GE 6000	55.8	67.2	67.3	67.6	68.1	68.2	68.3	68.7	68.8	69.2	69.3	69.4	69.5	69.6	70.3	71.2
GE 5000	55.9	67.6	67.7	68.1	68.5	68.6	68.7	69.2	69.3	69.6	69.7	69.8	69.9	70.1	70.7	71.6
GE 4500	56.0	68.2	68.3	68.7	69.1	69.2	69.3	69.7	69.8	70.2	70.3	70.4	70.5	70.6	71.3	72.2
GE 4000	56.5	68.6	68.7	69.1	69.5	69.6	69.7	70.2	70.3	70.6	70.7	70.8	70.9	71.0	71.7	72.6
GE 3500	57.0	69.4	69.5	69.9	70.3	70.4	70.5	71.0	71.1	71.4	71.5	71.6	71.7	71.8	72.5	73.4
GE 3000	57.7	70.7	70.8	71.1	71.5	71.6	71.7	72.2	72.3	72.6	72.7	72.8	72.9	73.0	73.7	74.6
GE 2500	58.0	71.9	72.0	72.3	72.7	72.8	72.9	73.4	73.5	73.8	73.9	74.0	74.1	74.2	74.9	75.8
GE 2000	59.0	74.1	74.2	74.5	74.9	75.0	75.1	75.6	75.7	76.0	76.1	76.2	76.3	76.4	77.1	78.0
GE 1800	59.2	74.7	74.8	75.1	75.5	75.6	75.7	76.2	76.3	76.6	76.7	76.8	76.9	77.0	77.7	78.6
GE 1500	59.7	78.1	78.2	78.5	78.9	79.0	79.1	79.6	79.7	79.9	80.0	80.1	80.2	80.3	81.0	81.9
GE 1200	60.2	79.3	79.4	79.7	80.1	80.2	80.3	80.8	80.9	81.2	81.3	81.4	81.5	81.6	82.3	83.2
GE 1000	60.2	80.1	80.2	80.5	80.9	81.0	81.1	81.6	81.7	82.0	82.1	82.2	82.3	82.4	83.1	84.0
GE 900	60.3	80.6	80.7	81.0	81.4	81.5	81.6	82.1	82.2	82.5	82.6	82.7	82.8	82.9	83.6	84.5
GE 800	60.3	80.8	80.9	81.2	81.6	81.7	81.8	82.3	82.4	82.7	82.8	82.9	83.0	83.1	83.8	84.7
GE 700	60.3	81.2	81.3	81.6	82.0	82.1	82.2	82.7	82.8	83.1	83.2	83.3	83.4	83.5	84.2	85.1
GE 600	60.3	81.2	81.3	81.6	82.0	82.1	82.2	82.7	82.8	83.1	83.2	83.3	83.4	83.5	84.2	85.1
GE 500	60.3	81.7	81.8	82.1	82.5	82.6	82.7	83.2	83.3	83.6	83.7	83.8	83.9	84.0	84.7	85.6
GE 400	60.4	82.0	82.1	82.4	82.8	82.9	83.0	83.5	83.6	84.0	84.1	84.2	84.3	84.4	85.1	86.0
GE 300	60.4	82.1	82.2	82.5	82.9	83.0	83.1	83.6	83.7	84.1	84.2	84.3	84.4	84.5	85.2	86.1
GE 200	60.4	82.1	82.2	82.5	82.9	83.0	83.1	83.6	83.7	84.1	84.2	84.3	84.4	84.5	85.2	86.1
GE 100	60.4	82.1	82.2	82.5	82.9	83.0	83.1	83.6	83.7	84.1	84.2	84.3	84.4	84.5	85.2	86.1
GE 01	60.4	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1

TOTAL NUMBER OF OBSERVATIONS: 905

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: 63-72-84
 MONTH: NOV HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0		
NO CEIL	50.0	60.3	60.6	60.9	61.2	61.3	61.8	61.9	62.0	62.2	62.4	62.6	62.7	62.9	63.6	64.9
GE 20000	50.7	61.4	61.8	62.0	62.3	62.4	62.9	63.0	63.1	63.3	63.5	63.7	63.9	64.0	64.7	66.0
GE 18000	50.8	61.5	61.9	62.1	62.4	62.5	63.0	63.1	63.2	63.4	63.6	63.9	64.0	64.1	64.9	66.1
GE 16000	51.0	61.8	62.1	62.3	62.6	62.7	63.3	63.4	63.5	63.7	64.0	64.2	64.3	64.4	65.2	66.4
GE 14000	51.2	62.1	62.4	62.6	63.0	63.1	63.6	63.7	63.9	64.1	64.3	64.5	64.6	64.7	65.5	66.7
GE 12000	52.5	63.6	64.0	64.2	64.5	64.6	65.2	65.3	65.4	65.6	65.9	66.1	66.2	66.3	67.1	68.3
GE 10000	53.5	64.7	65.2	65.5	65.9	66.0	66.5	66.6	66.7	67.0	67.2	67.4	67.5	67.6	68.4	69.6
GE 9000	54.0	65.2	65.6	66.0	66.3	66.4	67.0	67.1	67.2	67.4	67.6	67.8	68.0	68.1	68.8	70.1
GE 8000	54.3	65.6	66.1	66.4	66.7	66.9	67.4	67.5	67.6	67.8	68.1	68.3	68.4	68.5	69.3	70.5
GE 7000	54.8	66.1	66.5	66.9	67.2	67.3	67.8	68.0	68.1	68.3	68.5	68.7	68.8	69.0	69.7	71.0
GE 6000	54.9	66.3	66.7	67.1	67.4	67.5	68.1	68.2	68.3	68.5	68.7	69.0	69.1	69.2	70.0	71.2
GE 5000	55.1	67.0	67.4	67.7	68.1	68.2	68.7	68.8	69.0	69.2	69.4	69.6	69.7	69.8	70.6	71.8
GE 4500	55.2	67.5	68.0	68.3	68.6	68.7	69.3	69.4	69.5	69.7	70.0	70.2	70.3	70.4	71.2	72.4
GE 4000	56.0	69.0	69.4	69.7	70.1	70.2	70.7	70.8	71.0	71.2	71.4	71.6	71.7	71.8	72.6	73.8
GE 3500	56.5	70.2	70.7	71.1	71.4	71.5	72.1	72.2	72.3	72.5	72.7	72.9	73.1	73.2	73.9	75.2
GE 3000	56.8	71.1	71.6	72.1	72.4	72.5	73.1	73.2	73.3	73.5	73.7	73.9	74.1	74.2	74.9	76.2
GE 2500	57.3	72.9	73.6	74.1	74.4	74.5	75.1	75.2	75.3	75.5	75.7	75.9	76.1	76.2	76.9	78.2
GE 2000	57.5	74.5	75.3	75.7	76.2	76.3	76.8	76.9	77.1	77.3	77.5	77.7	77.8	77.9	78.7	79.9
GE 1800	58.0	76.3	77.1	77.5	77.9	78.0	78.6	78.7	78.8	79.0	79.3	79.5	79.6	79.7	80.5	81.7
GE 1500	58.5	78.5	79.5	79.9	80.4	80.5	81.3	81.4	81.5	81.7	81.9	82.2	82.3	82.4	83.1	84.4
GE 1200	58.9	80.5	81.8	82.3	82.7	82.8	83.6	83.7	83.8	84.0	84.3	84.5	84.6	84.7	85.5	86.7
GE 1000	59.0	81.6	83.0	83.8	84.3	84.5	85.4	85.5	85.6	85.8	86.0	86.3	86.4	86.5	87.3	88.5
GE 900	59.0	81.6	83.0	83.8	84.3	84.5	85.4	85.5	85.6	85.8	86.0	86.3	86.4	86.5	87.3	88.5
GE 800	59.0	82.0	83.8	84.6	85.0	85.3	86.4	86.5	86.6	86.8	87.0	87.3	87.4	87.5	88.2	89.5
GE 700	59.0	82.7	84.8	85.6	86.6	86.8	87.9	88.0	88.1	88.4	88.6	88.8	88.9	89.0	89.8	91.0
GE 600	59.0	83.3	85.6	86.7	87.6	87.8	88.9	89.0	89.1	89.4	89.6	89.8	89.9	90.0	90.8	92.0
GE 500	59.0	83.3	85.8	87.3	88.1	88.4	89.6	89.7	89.8	90.0	90.2	90.5	90.6	90.7	91.5	92.7
GE 400	59.0	83.3	86.1	87.7	88.7	88.9	90.1	90.2	90.4	90.6	90.9	91.1	91.2	91.4	92.1	93.3
GE 300	59.0	83.4	86.3	87.8	88.9	89.1	90.6	90.9	91.1	91.4	91.7	91.9	92.0	92.1	93.0	94.3
GE 200	59.0	83.4	86.3	87.8	88.9	89.1	90.6	91.2	91.5	91.7	92.0	92.2	92.4	92.6	93.7	97.0
GE 100	59.0	83.4	86.3	87.8	88.9	89.1	90.6	91.4	91.7	91.9	92.2	92.5	92.6	92.9	94.2	99.9
GE 0	59.0	83.4	86.3	87.8	88.9	89.1	90.6	91.4	91.7	91.9	92.2	92.5	92.6	92.9	94.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 902

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: 63-84
MONTH: NOV HOURS (LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	53.9	59.4	59.6	60.2	60.4	60.4	60.9	61.1	61.1	61.2	61.3	61.4	61.6	61.9	62.5	64.0
GE 20000	57.1	62.8	63.3	63.7	63.9	63.9	64.4	64.5	64.5	64.6	64.8	64.9	65.1	65.4	66.0	67.5
GE 18000	57.4	63.2	63.7	64.1	64.3	64.3	64.8	64.9	64.9	65.0	65.2	65.3	65.5	65.8	66.4	67.9
GE 16000	58.0	64.1	64.6	65.0	65.3	65.3	65.8	65.9	65.9	66.0	66.2	66.2	66.5	66.7	67.4	68.9
GE 14000	58.7	65.0	65.6	66.0	66.2	66.2	66.7	66.9	66.9	67.0	67.1	67.2	67.5	67.8	68.5	70.0
GE 12000	60.0	66.2	66.8	67.2	67.5	67.5	68.0	68.2	68.2	68.3	68.4	68.5	68.8	69.1	69.8	71.3
GE 10000	60.8	67.4	68.0	68.5	68.8	68.8	69.3	69.5	69.5	69.5	69.7	69.9	70.2	70.4	71.2	72.7
GE 9000	61.1	67.8	68.3	68.9	69.2	69.2	69.7	69.9	69.9	69.9	70.1	70.3	70.6	70.8	71.6	73.1
GE 8000	62.4	69.2	69.9	70.5	70.8	70.8	71.3	71.5	71.5	71.6	71.7	71.9	72.2	72.4	73.2	74.7
GE 7000	62.9	69.8	70.5	71.1	71.4	71.4	71.9	72.0	72.0	72.1	72.3	72.4	72.8	73.0	73.7	75.3
GE 6000	63.2	70.1	70.8	71.4	71.7	71.7	72.2	72.4	72.4	72.4	72.6	72.8	73.1	73.3	74.1	75.6
GE 5000	63.9	70.9	71.6	72.2	72.5	72.5	73.0	73.2	73.2	73.2	73.4	73.6	73.9	74.2	74.9	76.5
GE 4500	64.4	71.6	72.3	72.8	73.2	73.2	73.7	73.8	73.8	73.9	74.1	74.2	74.5	74.9	75.6	77.1
GE 4000	65.2	72.5	73.3	73.9	74.2	74.2	74.7	74.9	74.9	74.9	75.1	75.3	75.6	75.9	76.6	78.2
GE 3500	65.7	73.0	73.8	74.4	74.7	74.7	75.2	75.3	75.3	75.4	75.6	75.7	76.1	76.4	77.1	78.6
GE 3000	66.1	73.6	74.4	74.9	75.3	75.3	75.8	76.0	76.0	76.1	76.2	76.4	76.7	77.0	77.8	79.3
GE 2500	67.0	75.1	75.9	76.6	76.9	76.9	77.4	77.6	77.6	77.7	77.8	78.0	78.3	78.6	79.4	80.9
GE 2000	68.3	77.3	78.3	79.0	79.4	79.4	79.9	80.1	80.1	80.2	80.3	80.5	80.8	81.1	81.9	83.5
GE 1800	68.7	78.0	79.1	79.9	80.2	80.3	80.8	81.0	81.0	81.1	81.2	81.4	81.7	82.0	82.8	84.4
GE 1500	69.5	79.5	80.7	81.4	81.8	81.9	82.5	82.7	82.7	82.8	82.9	83.1	83.4	83.7	84.4	86.1
GE 1200	69.7	80.5	81.8	82.6	83.0	83.1	83.9	84.0	84.0	84.1	84.3	84.4	84.8	85.1	85.8	87.4
GE 1000	69.8	81.2	82.7	83.6	84.1	84.3	85.1	85.3	85.3	85.4	85.6	85.7	86.1	86.4	87.1	88.7
GE 900	70.0	81.8	83.3	84.2	84.8	85.0	86.0	86.2	86.2	86.3	86.5	86.6	86.9	87.3	88.0	89.6
GE 800	70.3	82.2	83.8	84.8	85.5	85.7	86.9	87.2	87.2	87.3	87.4	87.6	87.9	88.2	89.0	90.6
GE 700	70.3	82.3	84.0	85.3	86.1	86.4	87.5	87.8	87.8	87.9	88.1	88.2	88.6	88.9	89.6	91.2
GE 600	70.3	82.4	84.4	85.6	86.7	87.0	88.2	88.6	88.6	88.7	88.9	89.0	89.4	89.7	90.4	92.0
GE 500	70.3	82.5	84.7	85.9	87.3	87.7	89.0	89.4	89.4	89.5	89.7	89.8	90.2	90.5	91.2	92.8
GE 400	70.3	82.7	84.9	86.1	87.8	88.3	89.9	90.7	90.7	90.8	91.0	91.1	91.5	91.8	92.5	94.1
GE 300	70.3	82.8	84.9	86.1	87.8	88.4	90.2	91.1	91.1	91.4	91.5	91.7	92.0	92.4	93.2	95.2
GE 200	70.3	82.8	84.9	86.1	87.8	88.4	90.4	91.5	91.5	91.7	91.9	92.2	92.6	93.2	94.4	98.1
GE 100	70.3	82.8	84.9	86.1	87.8	88.4	90.4	91.5	91.5	91.8	92.0	92.3	92.7	93.3	94.9	99.8
GE 01	70.3	82.8	84.9	86.1	87.8	88.4	90.4	91.5	91.5	91.8	92.0	92.3	92.7	93.3	94.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 1241

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDELBERG AFB CA

PERIOD OF RECORD: 63-84
MONTH: NOV HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES													
	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	U
NO CEIL	59.9	66.3	67.0	67.7	68.0	68.0	68.2	68.3	68.3	68.5	68.5	68.5	68.5	68.5
GE 20000	63.1	69.6	70.4	71.1	71.4	71.5	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9
GE 18000	63.5	70.2	70.9	71.7	72.0	72.0	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4
GE 16000	64.0	70.8	71.5	72.3	72.6	72.7	72.8	73.0	73.0	73.1	73.1	73.1	73.1	73.1
GE 14000	64.4	71.3	72.1	72.8	73.1	73.2	73.4	73.6	73.6	73.7	73.7	73.7	73.7	73.7
GE 12000	65.4	72.7	73.4	74.3	74.6	74.7	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1
GE 10000	67.1	74.8	75.7	76.6	76.9	77.0	77.2	77.3	77.3	77.5	77.5	77.5	77.5	77.5
GE 9000	67.5	75.2	76.1	77.0	77.3	77.4	77.6	77.8	77.8	77.9	77.9	77.9	77.9	77.9
GE 8000	68.6	76.4	77.3	78.2	78.5	78.6	78.8	78.9	78.9	79.1	79.1	79.1	79.1	79.1
GE 7000	69.3	77.3	78.2	79.2	79.5	79.5	79.7	79.9	79.9	80.0	80.0	80.0	80.1	80.1
GE 6000	69.9	78.1	79.0	80.0	80.3	80.4	80.5	80.7	80.7	80.8	80.8	80.8	80.9	80.9
GE 5000	70.4	78.8	79.6	80.7	80.9	81.0	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5
GE 4500	70.8	79.2	80.1	81.1	81.4	81.6	81.8	81.8	81.8	81.9	81.9	81.9	82.0	82.0
GE 4000	71.4	79.8	80.7	81.7	82.0	82.0	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5
GE 3500	71.9	80.5	81.4	82.4	82.7	82.8	83.0	83.1	83.1	83.3	83.3	83.3	83.3	83.3
GE 3000	72.9	81.8	82.8	83.8	84.2	84.3	84.4	84.6	84.6	84.7	84.7	84.7	84.8	84.8
GE 2500	74.4	83.4	84.4	85.4	85.9	86.0	86.2	86.3	86.3	86.4	86.4	86.4	86.5	86.5
GE 2000	75.6	85.0	86.0	87.1	87.6	87.7	87.9	88.0	88.0	88.2	88.2	88.2	88.2	88.2
GE 1800	76.2	85.9	86.9	88.1	88.7	88.8	88.9	89.1	89.1	89.2	89.2	89.2	89.3	89.3
GE 1500	77.3	87.5	88.7	89.9	90.6	90.7	90.8	91.0	91.0	91.1	91.1	91.1	91.2	91.2
GE 1200	77.6	87.9	89.3	90.7	91.5	91.6	91.8	92.0	92.0	92.1	92.1	92.1	92.2	92.2
GE 1000	77.7	88.3	89.8	91.2	92.1	92.2	92.5	92.7	92.7	92.8	92.8	92.8	92.9	92.9
GE 900	77.8	88.7	90.3	92.0	93.2	93.3	93.6	93.8	93.8	94.0	94.0	94.0	94.0	94.0
GE 800	78.0	89.2	90.8	92.7	94.0	94.1	94.4	94.6	94.6	94.7	94.7	94.7	94.8	94.8
GE 700	78.2	89.6	91.2	93.1	94.6	94.8	95.1	95.4	95.4	95.5	95.5	95.5	95.6	95.6
GE 600	78.2	89.7	91.3	93.2	94.7	94.9	95.3	95.5	95.5	95.6	95.6	95.6	95.7	95.7
GE 500	78.3	90.0	91.6	93.8	95.4	95.7	96.2	96.6	96.6	96.7	96.7	96.9	96.9	96.9
GE 400	78.4	90.2	92.1	94.1	95.9	96.3	97.0	97.5	97.5	97.6	97.9	97.9	98.0	98.0
GE 300	78.4	90.2	92.1	94.1	96.0	96.6	97.5	98.0	98.2	98.5	98.8	98.9	99.1	99.2
GE 200	78.4	90.2	92.1	94.1	96.0	96.6	97.5	98.1	98.2	98.5	98.9	99.0	99.2	99.6
GE 100	78.4	90.2	92.1	94.1	96.0	96.6	97.5	98.1	98.2	98.5	98.9	99.0	99.1	100.0
GE 01	78.4	90.2	92.1	94.1	96.0	96.6	97.5	98.1	98.2	98.5	98.9	99.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 1690

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: 63-84
 MONTH: NOV HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2	1 1/2	1	1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	60.9	66.5	67.6	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
6E 20000	66.1	72.3	73.4	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
6E 18000	67.0	73.2	74.3	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
6E 16000	67.1	73.5	74.6	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
6E 14000	68.1	74.5	75.7	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
6E 12000	69.0	75.5	76.6	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
6E 10000	69.9	76.7	77.9	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
6E 9000	70.1	76.9	78.1	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
6E 8000	70.9	77.9	79.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
6E 7000	72.2	79.1	80.3	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
6E 6000	72.7	79.8	80.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
6E 5000	73.2	80.4	81.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
6E 4500	73.7	80.9	82.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
6E 4000	74.2	81.5	82.7	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
6E 3500	74.7	82.0	83.2	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
6E 3000	75.9	83.6	84.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
6E 2500	77.1	85.0	86.5	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
6E 2000	78.9	87.3	88.8	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
6E 1800	79.5	88.2	89.6	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
6E 1500	80.1	89.2	90.7	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
6E 1200	80.5	90.2	91.6	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
6E 1000	80.9	91.0	92.8	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
6E 900	81.1	91.6	93.4	95.0	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
6E 800	81.2	92.0	93.9	95.6	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
6E 700	81.3	92.2	94.2	95.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
6E 600	81.3	92.3	94.3	95.9	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
6E 500	81.3	92.4	94.4	96.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
6E 400	81.3	92.4	94.4	96.6	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
6E 300	81.3	92.4	94.4	96.6	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
6E 200	81.3	92.4	94.4	96.6	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
6E 100	81.3	92.4	94.5	96.7	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
6E 0	81.3	92.4	94.5	96.7	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS: 1689

GLOB/USAF/ AIR STAT

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 723930 STATION NAME: WANDENBERG AFB CA

PERIOD OF RECORD: 63-84
 MONTH: NOV HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES													
	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	56.4	62.3	62.9	63.3	63.8	63.9	63.9	63.9	64.0	64.1	64.1	64.1	64.1	64.2
GE 20000	61.2	68.3	68.8	69.3	69.3	69.5	69.5	69.5	69.6	69.7	69.7	69.7	69.7	69.8
GE 18000	61.7	68.9	69.4	69.9	70.1	70.1	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.4
GE 16000	62.1	69.8	70.2	70.4	70.5	70.6	70.6	70.6	70.7	70.8	70.8	70.8	70.8	70.8
GE 14000	62.9	69.6	70.3	70.8	71.5	71.5	71.5	71.5	71.7	71.8	71.9	71.9	71.9	72.0
GE 12000	64.5	71.6	72.3	72.9	73.5	73.6	73.8	73.8	73.9	73.9	73.9	73.9	73.9	74.0
GE 10000	65.9	73.5	74.2	74.8	75.5	75.6	75.7	75.8	75.8	75.9	75.9	75.9	75.9	76.0
GE 9000	66.1	73.8	74.5	75.0	75.7	75.8	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.2
GE 8000	67.1	74.8	75.5	76.0	76.7	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.2
GE 7000	67.7	75.5	76.3	76.8	77.5	77.6	77.7	77.9	77.9	77.9	77.9	77.9	77.9	78.0
GE 6000	68.2	76.3	77.0	77.6	78.3	78.4	78.5	78.5	78.6	78.7	78.7	78.7	78.7	78.8
GE 5000	68.9	77.0	77.7	78.3	79.0	79.1	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.5
GE 4500	69.6	77.8	78.5	79.0	79.8	79.9	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.3
GE 4000	69.8	78.2	78.9	79.5	80.2	80.3	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.7
GE 3500	70.5	79.1	79.8	80.4	81.1	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.6
GE 3000	71.7	80.5	81.4	82.0	82.7	82.9	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.3
GE 2500	72.5	81.6	82.5	83.2	83.9	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.4
GE 2000	73.7	83.5	84.3	85.0	85.8	85.9	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.3
GE 1800	74.0	84.0	85.0	85.7	86.4	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.9
GE 1500	74.4	85.1	86.2	86.8	87.7	87.8	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.2
GE 1200	74.9	86.0	87.3	88.3	89.2	89.3	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.7
GE 1000	75.1	86.7	88.2	89.5	90.6	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.2
GE 900	75.2	86.8	88.5	89.9	91.0	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.6
GE 800	75.3	87.5	89.2	90.6	91.7	92.0	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.6
GE 700	75.5	87.9	89.6	91.1	92.3	92.6	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.3
GE 600	75.6	88.2	89.9	91.5	92.9	93.3	93.8	93.9	93.9	93.9	93.9	93.9	93.9	94.0
GE 500	75.6	88.4	90.2	92.0	93.5	93.8	94.8	94.8	94.9	95.1	95.1	95.1	95.1	95.1
GE 400	75.6	88.6	90.5	92.4	93.9	94.2	95.8	96.0	96.1	96.1	96.2	96.2	96.2	96.3
GE 300	75.6	88.9	90.6	93.0	94.5	94.8	96.5	96.7	97.0	97.3	97.5	97.5	97.5	97.7
GE 200	75.6	88.9	90.8	93.0	94.6	95.0	96.9	97.0	97.1	97.7	98.0	98.5	98.5	99.7
GE 100	75.6	88.9	90.8	93.0	94.6	95.0	97.0	97.1	97.7	98.0	98.5	98.5	99.2	99.9
GE 01	75.6	88.9	90.8	93.0	94.6	95.0	95.9	97.0	97.1	97.7	98.0	98.5	98.5	99.2
TOTAL	1600													

TOTAL NUMBER OF OBSERVATIONS: 1600

TOTA

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 63-74, 79-81, 84
 MONTH: NOV HOURS(LST): 1600-2000

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	J
NO CEIL	50.0	59.5	59.8	60.3	60.6	60.6	60.7	60.7	60.7	60.8	61.1	61.1	61.2	61.2	61.5	61.8
GE 20000	51.1	62.1	62.3	62.9	63.1	63.1	63.2	63.2	63.2	63.3	63.6	63.6	63.8	63.8	64.1	64.3
GE 18000	51.3	62.2	62.5	63.1	63.3	63.3	63.4	63.4	63.4	63.5	63.8	63.8	64.0	64.0	64.2	64.5
GE 16000	52.0	63.1	63.3	63.9	64.1	64.1	64.2	64.2	64.2	64.3	64.6	64.6	64.8	64.8	65.1	65.4
GE 14000	52.6	63.9	64.1	64.7	65.0	65.0	65.1	65.1	65.1	65.2	65.4	65.4	65.6	65.6	65.9	66.2
GE 12000	53.6	65.5	66.0	66.5	66.8	66.8	66.9	66.9	66.9	67.0	67.2	67.2	67.4	67.4	67.7	68.1
GE 10000	54.0	66.3	66.8	67.3	67.6	67.6	67.7	67.7	67.7	67.8	68.1	68.1	68.2	68.2	68.5	68.9
GE 9000	54.0	66.3	66.8	67.3	67.6	67.6	67.7	67.7	67.7	67.8	68.1	68.1	68.2	68.2	68.5	68.9
GE 8000	54.7	67.2	67.6	68.2	68.4	68.4	68.5	68.5	68.5	68.6	68.9	68.9	69.1	69.1	69.3	69.7
GE 7000	55.3	67.9	68.3	68.9	69.2	69.2	69.2	69.2	69.2	69.3	69.6	69.6	69.8	69.8	70.1	70.4
GE 6000	56.7	69.8	70.2	70.8	71.1	71.1	71.2	71.2	71.2	71.2	71.5	71.5	71.7	71.7	72.0	72.3
GE 5000	57.7	71.7	72.2	72.7	73.0	73.0	73.1	73.1	73.1	73.2	73.4	73.4	73.6	73.6	73.9	74.2
GE 4500	58.1	72.2	72.7	73.2	73.5	73.5	73.6	73.6	73.6	73.7	74.0	74.0	74.2	74.2	74.4	74.8
GE 4000	58.9	73.3	73.8	74.3	74.6	74.6	74.7	74.7	74.7	74.8	75.1	75.1	75.3	75.3	75.5	75.9
GE 3500	59.4	74.2	74.6	75.3	75.5	75.5	75.6	75.6	75.6	75.7	76.0	76.0	76.2	76.2	76.4	76.8
GE 3000	59.9	75.1	75.5	76.2	76.4	76.4	76.5	76.5	76.5	76.6	76.9	76.9	77.1	77.1	77.3	77.7
GE 2500	60.1	76.2	76.7	77.3	77.6	77.6	77.7	77.7	77.7	77.8	78.1	78.1	78.3	78.3	78.5	78.9
GE 2000	60.6	77.4	78.0	78.6	78.9	78.9	79.0	79.0	79.0	79.1	79.3	79.3	79.5	79.5	79.8	80.2
GE 1800	60.8	78.2	78.7	79.3	79.7	79.7	79.8	79.8	79.8	79.9	80.2	80.2	80.3	80.3	80.6	81.0
GE 1500	61.0	79.4	80.0	80.8	81.2	81.2	81.3	81.3	81.3	81.3	81.6	81.6	81.8	81.8	82.1	82.4
GE 1200	61.1	80.4	81.7	82.8	83.2	83.2	83.3	83.3	83.3	83.3	83.6	83.6	83.8	83.8	84.1	84.4
GE 1000	61.1	81.0	82.3	83.3	83.7	83.7	83.8	83.8	83.8	83.9	84.2	84.2	84.3	84.3	84.6	85.0
GE 900	61.1	81.8	83.1	84.3	84.6	84.6	84.7	84.7	84.7	84.6	85.1	85.1	85.3	85.3	85.5	85.9
GE 800	61.1	82.3	83.8	85.0	85.4	85.4	85.5	85.5	85.5	85.6	85.9	85.9	86.1	86.1	86.4	86.7
GE 700	61.1	82.4	84.1	85.4	85.9	85.9	86.0	86.1	86.1	86.2	86.4	86.4	86.6	86.6	86.9	87.3
GE 600	61.4	83.1	84.8	86.1	86.6	86.6	86.8	86.9	86.9	87.0	87.3	87.3	87.4	87.4	87.7	88.1
GE 500	61.4	83.6	85.7	87.6	88.4	88.4	88.6	88.7	88.7	88.6	89.1	89.1	89.4	89.4	89.6	90.0
GE 400	61.4	84.3	86.4	88.9	90.0	90.2	90.4	90.4	90.4	90.8	91.1	91.1	91.4	91.4	91.6	92.0
GE 300	61.4	84.4	86.6	89.3	90.5	91.0	91.2	91.2	91.4	91.8	92.2	92.2	92.4	92.4	92.8	93.4
GE 200	61.4	84.4	86.7	89.4	90.9	91.5	91.8	92.5	92.6	93.0	93.4	93.4	93.9	93.9	95.1	96.9
GE 100	61.4	84.4	86.7	89.4	91.0	91.6	92.1	92.8	93.0	93.6	94.2	94.3	94.7	94.7	96.3	100.0
GE 0	61.4	84.4	86.7	89.4	91.0	91.6	92.1	92.8	93.0	93.6	94.2	94.3	94.7	94.7	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 1099

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

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 63-74/83-84
 MONTH: NOV HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0	
NO CEIL	50.4	59.6	59.9	60.0	60.2	60.3	60.5	60.7	60.8	61.1	61.3	61.5	61.5	62.1	63.2
GE 20000	51.6	61.4	61.8	62.1	62.0	62.1	62.3	62.5	62.7	63.0	63.2	63.3	63.3	63.4	64.1
GE 18000	52.0	61.8	62.1	62.2	62.4	62.5	62.7	62.9	63.1	63.3	63.5	63.7	63.7	63.8	64.5
GE 16000	52.2	62.3	62.7	62.8	63.0	63.1	63.4	63.6	63.9	64.1	64.3	64.3	64.4	64.5	65.0
GE 14000	52.4	62.6	63.0	63.1	63.3	63.3	63.5	63.7	63.9	64.2	64.4	64.5	64.5	64.6	65.3
GE 12000	53.6	64.0	64.4	64.5	64.6	64.7	64.9	65.1	65.3	65.6	65.7	65.9	65.9	66.0	66.7
GE 10000	53.8	64.6	65.0	65.1	65.3	65.4	65.6	65.7	65.9	66.2	66.4	66.6	66.6	66.7	67.3
GE 9000	54.2	65.0	65.4	65.5	65.7	65.9	66.1	66.3	66.5	66.8	67.0	67.1	67.1	67.2	67.8
GE 8000	54.8	65.7	66.1	66.2	66.4	66.5	66.7	66.9	67.0	67.3	67.5	67.7	67.7	67.8	68.4
GE 7000	55.0	66.0	66.4	66.5	66.7	66.8	66.9	67.1	67.3	67.6	67.8	68.0	68.0	68.1	68.7
GE 6000	55.5	66.6	66.9	67.0	67.2	67.3	67.5	67.7	67.9	68.1	68.3	68.5	68.5	68.6	69.3
GE 5000	55.8	67.1	67.5	67.6	67.9	68.0	68.1	68.3	68.5	68.8	69.0	69.2	69.2	69.3	69.9
GE 4500	56.2	67.8	68.1	68.3	68.6	68.7	68.9	69.1	69.3	69.5	69.7	69.9	69.9	70.0	71.0
GE 4000	57.0	68.6	69.0	69.2	69.4	69.5	69.7	69.9	70.1	70.4	70.5	70.7	70.7	70.8	71.7
GE 3500	57.4	69.5	69.9	70.1	70.4	70.5	70.6	70.8	71.0	71.3	71.5	71.7	71.7	71.7	72.4
GE 3000	58.4	71.8	72.3	72.5	72.8	72.9	73.0	73.2	73.4	73.7	73.9	74.1	74.1	74.1	75.9
GE 2500	58.9	73.0	73.5	73.8	74.1	74.2	74.4	74.6	74.8	75.1	75.3	75.4	75.4	75.5	76.2
GE 2000	59.6	75.1	75.6	76.1	76.5	76.6	76.8	77.0	77.2	77.5	77.7	77.8	77.9	78.0	79.7
GE 1800	59.7	75.5	76.1	76.5	77.0	77.1	77.3	77.5	77.7	77.9	78.1	78.3	78.4	79.0	80.1
GE 1500	59.8	77.3	77.6	78.3	78.8	79.0	79.2	79.4	79.7	79.9	80.1	80.1	80.1	80.8	81.9
GE 1200	60.2	78.6	79.4	79.9	80.3	80.5	80.7	80.9	81.1	81.3	81.5	81.7	81.7	82.5	83.6
GE 1000	60.3	79.5	80.5	81.0	81.4	81.7	81.9	82.1	82.3	82.5	82.7	82.9	82.9	83.7	84.8
GE 900	60.3	80.0	81.1	81.5	82.0	82.3	82.5	82.6	82.8	83.1	83.3	83.5	83.5	84.2	85.3
GE 800	60.3	80.1	81.4	81.9	82.5	82.7	82.9	83.1	83.3	83.6	83.7	83.9	83.9	84.1	85.9
GE 700	60.3	80.3	81.7	82.3	82.9	83.3	83.5	83.7	83.8	84.1	84.3	84.5	84.5	85.3	86.5
GE 600	60.3	80.7	82.2	82.9	83.7	84.2	84.4	84.6	84.8	85.0	85.2	85.4	85.4	86.2	87.4
GE 500	60.6	81.6	83.5	84.6	85.4	86.1	86.3	86.5	86.7	87.0	87.2	87.3	87.3	88.2	89.4
GE 400	60.7	81.9	83.7	85.7	86.7	87.3	87.6	87.9	88.1	88.5	88.6	88.8	88.8	89.5	91.0
GE 300	60.7	82.0	83.9	86.1	87.3	88.4	88.7	89.1	89.3	89.7	90.1	90.3	90.4	91.4	92.9
GE 200	60.7	82.2	84.1	86.5	87.9	89.0	89.5	90.1	90.3	90.9	91.4	91.6	91.6	92.0	93.1
GE 100	60.7	82.2	84.1	86.5	87.9	89.1	89.6	90.2	90.5	91.0	91.6	91.8	92.1	92.4	93.7
GE 01	60.7	82.2	84.1	86.5	87.9	89.1	89.6	90.2	90.5	91.0	91.6	91.8	92.1	92.4	93.7

TOTAL NUMBER OF OBSERVATIONS: 1043

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: 63-84
 MONTH: NOV HOURS(LST): ALL

CEILING FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	U
NO CEIL	55.1	62.5	63.0	63.5	63.8	63.6	64.0	64.1	64.2	64.3	64.4	64.5	64.5	64.6	64.9	65.4
GE 20000	58.0	65.9	66.5	67.0	67.3	67.4	67.6	67.7	67.7	67.8	68.0	68.1	68.1	68.2	68.5	69.4
GE 18000	58.4	66.4	67.0	67.5	67.8	67.8	68.0	68.1	68.2	68.3	68.4	68.5	68.5	68.6	68.9	69.4
GE 16000	58.8	66.9	67.5	68.0	68.3	68.3	68.5	68.7	68.7	68.8	68.9	69.0	69.1	69.1	69.4	70.0
GE 14000	59.4	67.6	68.2	68.7	69.1	69.1	69.3	69.4	69.5	69.6	69.7	69.8	69.9	69.9	70.2	70.8
GE 12000	60.5	69.0	69.7	70.2	70.6	70.6	70.8	70.9	71.0	71.1	71.2	71.3	71.3	71.4	71.7	72.3
GE 10000	61.5	70.4	71.0	71.6	72.0	72.0	72.2	72.3	72.4	72.5	72.6	72.7	72.8	72.8	73.2	73.7
GE 9000	61.8	70.7	71.3	71.9	72.3	72.3	72.5	72.6	72.7	72.8	72.9	73.0	73.1	73.1	73.4	74.0
GE 8000	62.6	71.6	72.3	72.9	73.2	73.3	73.5	73.6	73.6	73.8	73.9	74.0	74.1	74.1	74.4	74.9
GE 7000	63.2	72.3	73.0	73.6	73.9	74.0	74.2	74.3	74.3	74.5	74.6	74.7	74.8	74.8	75.1	75.6
GE 6000	63.8	73.0	73.7	74.3	74.7	74.7	74.9	75.0	75.1	75.2	75.3	75.4	75.5	75.5	75.8	76.4
GE 5000	64.3	73.8	74.5	75.1	75.5	75.5	75.7	75.8	75.9	76.0	76.1	76.2	76.3	76.3	76.7	77.2
GE 4500	64.8	74.4	75.1	75.7	76.1	76.1	76.3	76.5	76.5	76.6	76.8	76.9	77.0	77.0	77.3	77.8
GE 4000	65.3	75.1	75.8	76.5	76.9	76.9	77.1	77.2	77.3	77.4	77.5	77.6	77.7	77.7	78.0	78.6
GE 3500	65.9	75.9	76.6	77.3	77.7	77.7	77.9	78.0	78.1	78.2	78.3	78.5	78.5	78.5	78.9	79.4
GE 3000	66.7	77.2	78.0	78.7	79.1	79.1	79.3	79.5	79.5	79.6	79.7	79.9	80.0	80.0	80.3	80.8
GE 2500	67.5	78.6	79.5	80.2	80.6	80.6	80.8	81.0	81.0	81.1	81.2	81.4	81.5	81.5	81.8	82.3
GE 2000	68.6	80.5	81.4	82.2	82.6	82.7	82.9	83.0	83.0	83.2	83.3	83.4	83.5	83.5	83.8	84.4
GE 1800	69.0	81.3	82.2	83.0	83.5	83.5	83.7	83.9	84.1	84.2	84.3	84.4	84.4	84.4	84.7	85.3
GE 1500	69.6	82.9	83.4	84.7	85.2	85.3	85.5	85.6	85.7	85.8	85.9	86.0	86.1	86.2	86.5	87.0
GE 1200	69.9	83.9	85.2	86.2	86.7	86.8	87.1	87.2	87.3	87.4	87.5	87.6	87.7	87.8	88.1	88.6
GE 1000	70.1	84.6	86.1	87.2	87.9	88.0	88.3	88.4	88.5	88.6	88.7	88.8	88.9	89.0	89.3	89.8
GE 900	70.2	85.0	86.6	87.8	88.5	88.6	89.0	89.2	89.2	89.3	89.5	89.6	89.7	89.7	90.0	90.5
GE 800	70.3	85.5	87.2	88.4	89.2	89.4	89.8	90.0	90.0	90.1	90.3	90.4	90.5	90.5	90.8	91.3
GE 700	70.3	85.8	87.6	88.9	89.8	90.0	90.4	90.7	90.7	90.9	91.0	91.1	91.2	91.2	91.5	92.1
GE 600	70.4	86.0	87.9	89.3	90.3	90.6	91.0	91.3	91.3	91.4	91.6	91.7	91.8	91.8	92.1	92.7
GE 500	70.5	86.3	88.4	90.0	91.2	91.5	92.0	92.4	92.5	92.6	92.7	92.8	92.9	93.0	93.3	93.9
GE 400	70.5	86.5	88.7	90.6	91.9	92.4	93.0	93.5	93.6	93.8	93.9	94.0	94.1	94.2	94.5	95.1
GE 300	70.5	86.7	88.8	90.8	92.3	92.8	93.6	94.2	94.3	94.6	94.8	95.0	95.1	95.2	95.6	96.3
GE 200	70.5	86.7	88.9	90.9	92.4	93.0	93.8	94.6	94.7	95.1	95.4	95.5	95.8	95.9	96.7	98.3
GE 100	70.5	86.7	88.9	90.9	92.4	93.0	93.9	94.7	94.8	95.3	95.5	95.7	96.0	96.2	97.1	99.9
GE 01	70.5	86.7	88.4	90.9	92.4	93.0	93.9	94.7	94.8	95.3	95.5	95.7	96.0	96.2	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 10289

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: 63-72-77,80,83
MONTH: DEC HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	58.2	69.1	69.4	69.8	70.7	70.9	71.0	71.0	71.0	71.3	71.3	71.3	71.5	71.5	71.7	71.9
GE 20000	58.9	70.2	70.5	71.0	71.8	74.0	72.1	72.1	72.1	72.5	72.5	72.5	72.7	72.7	72.9	73.2
GE 18000	59.1	70.7	71.0	71.4	72.3	72.5	72.6	72.6	72.6	72.9	72.9	72.9	73.1	73.1	73.3	73.6
GE 16000	59.6	71.1	71.4	71.8	72.7	72.9	73.0	73.0	73.0	73.3	73.3	73.3	73.5	73.5	73.7	74.1
GE 14000	60.1	71.7	72.0	72.5	73.3	73.5	73.6	73.6	73.7	74.1	74.1	74.1	74.3	74.3	74.5	74.8
GE 12000	60.9	72.6	72.9	73.3	74.2	74.4	74.5	74.5	74.6	74.9	74.9	74.9	75.1	75.1	75.3	75.7
GE 10000	60.9	72.9	73.2	73.6	74.5	74.7	74.8	74.8	74.9	75.2	75.2	75.2	75.5	75.5	75.7	76.0
GE 9000	61.2	73.1	73.4	73.9	74.7	74.9	75.0	75.0	75.1	75.5	75.5	75.5	75.7	75.7	75.9	76.2
GE 8000	61.3	73.3	73.6	74.1	74.9	75.1	75.2	75.2	75.3	75.7	75.7	75.7	75.9	75.9	76.1	76.4
GE 7000	61.8	73.9	74.2	74.6	75.5	75.7	75.8	75.8	75.9	76.2	76.2	76.2	76.4	76.4	76.6	76.9
GE 6000	62.2	74.7	75.0	75.5	76.3	76.5	76.6	76.6	76.7	77.1	77.1	77.1	77.3	77.3	77.5	77.8
GE 5000	62.6	75.6	75.9	76.3	77.2	77.4	77.5	77.5	77.6	77.9	77.9	77.9	78.1	78.1	78.3	78.6
GE 4500	62.8	75.8	76.1	76.5	77.4	77.6	77.7	77.7	77.8	78.1	78.1	78.1	78.3	78.3	78.5	79.0
GE 4000	64.4	77.5	77.9	78.3	79.2	79.4	79.5	79.5	79.6	79.9	79.9	79.9	80.1	80.1	80.4	80.8
GE 3500	64.9	78.1	78.5	79.0	79.8	80.0	80.1	80.1	80.3	80.6	80.6	80.6	80.8	80.8	81.0	81.4
GE 3000	65.5	80.1	80.6	81.0	81.9	82.1	82.2	82.2	82.3	82.6	82.6	82.6	82.8	82.8	83.0	83.5
GE 2500	66.4	81.9	82.3	82.7	83.6	83.8	83.9	83.9	84.0	84.3	84.3	84.3	84.5	84.5	84.7	85.2
GE 2000	67.0	84.1	84.7	85.3	86.1	86.3	86.4	86.4	86.6	86.9	86.9	86.9	87.1	87.1	87.3	87.7
GE 1800	67.3	84.6	85.3	85.8	86.7	86.9	87.0	87.0	87.1	87.4	87.4	87.4	87.6	87.6	87.8	88.3
GE 1500	67.3	85.6	86.2	86.9	87.7	87.9	88.0	88.0	88.2	88.5	88.5	88.5	88.7	88.7	88.9	89.3
GE 1200	67.7	86.9	87.5	88.2	89.0	89.2	89.3	89.4	89.5	89.9	89.9	89.9	90.1	90.1	90.3	90.7
GE 1000	67.8	87.3	88.0	88.7	89.6	89.9	90.0	90.2	90.3	90.6	90.6	90.6	90.8	90.8	91.0	91.5
GE 900	67.8	87.3	88.0	88.7	89.6	89.9	90.0	90.2	90.3	90.6	90.6	90.6	90.8	90.8	91.0	91.5
GE 800	67.8	87.4	88.2	89.1	90.1	90.3	90.4	90.6	90.7	91.0	91.0	91.0	91.2	91.2	91.5	91.9
GE 700	67.8	87.4	88.2	89.1	90.3	90.5	90.6	90.8	90.9	91.2	91.2	91.2	91.5	91.5	91.8	92.2
GE 600	67.8	87.5	88.4	89.4	90.7	90.9	91.0	91.2	91.4	91.7	91.7	91.7	91.9	91.9	92.2	92.6
GE 500	67.8	87.7	88.6	89.6	91.0	91.4	91.5	91.7	91.8	92.2	92.2	92.2	92.5	92.5	92.8	93.5
GE 400	67.8	87.7	88.6	90.1	91.6	91.9	92.3	92.6	92.8	93.4	93.4	93.4	93.8	93.8	94.1	94.8
GE 300	67.8	87.8	88.8	90.4	92.0	92.5	93.6	93.8	94.5	94.5	94.5	94.5	95.0	95.0	95.4	96.1
GE 200	67.8	87.8	88.8	90.4	92.3	92.8	93.4	94.1	94.3	95.0	95.0	95.0	95.5	95.5	96.2	97.1
GE 100	67.8	87.8	88.8	90.5	92.4	93.0	93.5	94.2	94.5	95.2	95.2	95.2	95.9	95.9	96.1	97.7
GE 01	67.8	87.8	88.8	90.5	92.4	93.0	93.5	94.2	94.5	95.2	95.2	95.2	95.9	95.9	96.1	97.7

TOTAL NUMBER OF OBSERVATIONS: 937

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: 63-72,77,80,83
MONTH: DEC HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	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	0
NO CEIL	57.7	68.9	69.9	70.2	70.4	70.4	70.5	70.9	70.9	71.0	71.0	71.0	71.2	71.3	71.4	71.8
6E 20000	58.7	70.5	71.5	71.8	72.0	72.0	72.1	72.5	72.5	72.6	72.6	72.6	72.8	72.9	73.0	73.4
6E 18000	59.2	71.0	72.0	72.3	72.5	72.5	72.6	73.1	73.1	73.2	73.2	73.2	73.3	73.4	73.5	73.9
6E 16000	59.7	71.6	72.5	72.9	73.1	73.1	73.2	73.6	73.6	73.7	73.7	73.7	73.8	73.9	74.0	74.5
6E 14000	60.0	71.9	72.9	73.2	73.4	73.4	73.5	73.9	73.9	74.0	74.0	74.0	74.1	74.3	74.4	74.8
6E 12000	60.5	72.3	73.3	73.6	73.8	73.8	73.9	74.4	74.4	74.5	74.5	74.5	74.6	74.7	74.8	75.2
6E 10000	61.0	73.0	73.9	74.3	74.5	74.5	74.6	75.0	75.0	75.1	75.1	75.1	75.2	75.3	75.4	75.9
6E 9000	61.1	73.1	74.0	74.4	74.6	74.6	74.7	75.1	75.1	75.2	75.2	75.2	75.3	75.4	75.5	76.0
6E 8000	61.5	73.8	74.8	75.1	75.3	75.3	75.4	75.9	75.9	76.0	76.0	76.0	76.1	76.2	76.3	76.7
6E 7000	61.5	73.9	75.0	75.3	75.5	75.5	75.6	76.1	76.1	76.2	76.2	76.2	76.3	76.4	76.5	76.9
6E 6000	62.0	74.4	75.4	75.7	76.0	76.0	76.1	76.5	76.5	76.6	76.6	76.6	76.7	76.8	76.9	77.4
6E 5000	62.2	75.3	76.4	76.7	76.9	76.9	77.0	77.5	77.5	77.6	77.6	77.6	77.7	77.8	77.9	78.3
6E 4500	62.7	76.2	77.2	77.6	77.8	77.8	77.9	78.3	78.3	78.4	78.4	78.4	78.5	78.6	78.7	79.2
6E 4000	63.7	77.6	78.6	79.0	79.2	79.2	79.3	79.7	79.7	79.8	79.8	79.8	79.9	80.0	80.1	80.6
6E 3500	64.0	78.0	79.1	79.4	79.6	79.6	79.7	80.1	80.1	80.2	80.2	80.2	80.3	80.4	80.6	81.0
6E 3000	65.0	80.6	81.6	81.9	82.2	82.2	82.3	82.7	82.7	82.8	82.8	82.8	82.9	83.0	83.1	83.5
6E 2500	65.4	81.9	83.0	83.3	83.5	83.5	83.7	84.1	84.1	84.2	84.2	84.2	84.3	84.4	84.5	84.9
6E 2000	66.3	85.0	86.1	86.4	86.6	86.6	86.8	87.2	87.2	87.3	87.3	87.3	87.4	87.5	87.6	88.0
6E 1800	66.6	85.4	86.4	86.9	87.1	87.1	87.2	87.6	87.6	87.7	87.7	87.7	87.8	87.9	88.0	88.5
6E 1500	67.1	86.8	87.9	88.7	88.9	88.9	89.0	89.4	89.4	89.5	89.5	89.5	89.6	89.7	89.9	90.3
6E 1200	67.2	87.4	88.6	89.4	89.6	89.6	89.7	90.2	90.2	90.3	90.3	90.3	90.4	90.5	90.6	91.0
6E 1000	67.6	88.2	89.4	90.5	90.7	90.7	90.9	91.3	91.3	91.5	91.5	91.5	91.6	91.7	91.8	92.2
6E 900	67.7	88.5	89.6	90.7	90.9	90.9	91.1	91.6	91.6	91.7	91.7	91.7	91.8	91.9	92.0	92.4
6E 800	67.7	88.6	89.7	90.9	91.1	91.1	91.3	91.8	91.8	91.9	91.9	91.9	92.0	92.1	92.2	92.6
6E 700	67.7	88.6	89.9	91.0	91.2	91.2	91.5	91.9	91.9	92.0	92.0	92.0	92.1	92.2	92.3	92.7
6E 600	67.7	88.6	90.0	91.1	91.3	91.3	91.6	91.9	92.3	92.4	92.4	92.4	92.5	92.6	92.7	93.2
6E 500	67.7	88.6	90.0	91.5	91.7	91.7	91.9	92.2	92.6	92.8	92.8	92.8	93.1	93.2	93.3	93.7
6E 400	67.7	88.7	90.2	91.8	92.3	92.3	92.6	93.1	93.5	93.7	93.7	93.8	94.1	94.2	94.3	94.8
6E 300	67.7	88.7	90.2	91.5	92.7	93.1	93.5	94.0	94.2	94.3	94.3	94.3	94.7	94.8	94.9	95.3
6E 200	67.7	88.7	90.2	92.0	92.8	93.2	93.6	94.2	94.2	94.6	94.6	94.7	95.0	95.1	95.4	96.8
6E 100	67.7	88.7	90.2	92.0	92.8	93.2	93.6	94.2	94.2	94.6	94.6	94.7	95.1	95.4	96.9	99.8
6E 0	67.7	88.7	90.2	92.0	92.8	93.2	93.6	94.2	94.2	94.6	94.6	94.7	95.1	95.4	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 936

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: 63-84
MONTH: DEC HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	60.7	66.9	66.9	67.3	67.5	67.6	67.8	68.1	68.1	68.2	68.5	68.5	68.6	68.6	68.6	68.8
GE 20000	63.0	69.7	69.9	70.3	70.6	70.9	70.9	71.2	71.2	71.3	71.6	71.6	71.7	71.7	71.7	72.0
GE 18000	63.3	70.2	70.3	70.8	71.0	71.3	71.4	71.6	71.6	71.8	72.0	72.0	72.2	72.2	72.2	72.4
GE 16000	63.8	70.6	70.9	71.3	71.6	71.9	72.0	72.2	72.2	72.3	72.6	72.6	72.7	72.7	72.7	73.0
GE 14000	63.9	70.8	71.0	71.6	71.9	72.2	72.3	72.5	72.5	72.6	72.9	72.9	73.0	73.0	73.0	73.3
GE 12000	65.1	72.0	72.2	72.8	73.1	73.4	73.5	73.7	73.7	73.9	74.1	74.1	74.3	74.3	74.3	74.5
GE 10000	65.7	72.6	72.9	73.6	73.9	74.2	74.3	74.5	74.5	74.7	74.9	74.9	75.1	75.1	75.1	75.4
GE 9000	65.7	72.6	73.0	73.7	74.0	74.3	74.4	74.6	74.6	74.7	75.0	75.0	75.1	75.1	75.1	75.4
GE 8000	66.6	73.5	73.8	74.5	74.8	75.1	75.2	75.4	75.4	75.6	75.8	75.8	76.0	76.0	76.0	76.3
GE 7000	67.2	74.1	74.4	75.1	75.4	75.8	75.8	76.1	76.1	76.2	76.5	76.5	76.6	76.6	76.6	76.9
GE 6000	67.5	74.7	75.1	75.8	76.1	76.4	76.5	76.7	76.7	76.8	77.1	77.1	77.2	77.2	77.2	77.5
GE 5000	68.5	76.1	76.5	77.2	77.5	77.9	77.9	78.2	78.2	78.3	78.6	78.6	78.7	78.7	78.7	79.0
GE 4500	68.9	76.9	77.3	78.0	78.3	78.6	78.7	78.9	78.9	79.1	79.3	79.3	79.5	79.5	79.5	79.8
GE 4000	69.7	77.9	78.2	78.9	79.3	79.6	79.6	79.9	79.9	80.0	80.3	80.3	80.4	80.4	80.4	80.7
GE 3500	70.6	78.9	79.3	80.0	80.3	80.7	80.7	81.0	81.0	81.1	81.4	81.4	81.5	81.5	81.5	81.8
GE 3000	72.1	81.0	81.4	82.1	82.4	82.8	82.8	83.1	83.1	83.2	83.4	83.4	83.6	83.6	83.6	83.9
GE 2500	73.9	83.1	83.4	84.3	84.6	84.9	85.0	85.2	85.2	85.4	85.6	85.6	85.8	85.8	85.8	86.1
GE 2000	75.1	85.2	85.7	86.6	87.0	87.3	87.4	87.7	87.7	87.9	88.1	88.1	88.3	88.3	88.3	88.7
GE 1800	75.1	85.3	85.4	86.9	87.3	87.6	87.7	88.0	88.0	88.2	88.4	88.4	88.6	88.6	88.7	89.0
GE 1500	75.6	86.6	87.1	88.3	88.7	89.1	89.2	89.6	89.6	89.7	90.0	90.0	90.1	90.2	90.2	90.5
GE 1200	75.8	87.0	87.7	89.0	89.4	89.8	89.9	90.3	90.3	90.4	90.7	90.7	90.8	90.9	90.9	91.2
GE 1000	76.0	87.5	88.2	89.6	90.1	90.5	90.6	91.0	91.0	91.1	91.4	91.4	91.5	91.6	91.6	91.9
GE 900	76.1	87.6	88.3	89.7	90.3	90.7	90.8	91.1	91.1	91.3	91.5	91.5	91.7	91.8	91.8	92.1
GE 800	76.1	87.6	88.4	89.9	90.4	90.8	91.0	91.4	91.4	91.5	91.8	91.8	91.9	92.0	92.0	92.3
GE 700	76.1	87.7	88.5	90.0	90.6	91.0	91.1	91.5	91.5	91.7	91.9	91.9	92.1	92.2	92.2	92.5
GE 600	76.1	88.0	88.8	90.4	91.1	91.5	91.8	92.2	92.2	92.3	92.5	92.5	92.7	92.8	92.8	93.1
GE 500	76.2	88.3	89.1	91.0	92.2	92.7	92.9	93.5	93.5	93.7	93.9	93.9	94.1	94.2	94.2	94.5
GE 400	76.2	88.3	89.2	91.2	92.5	92.9	93.5	94.1	94.3	94.5	94.7	94.7	94.9	94.9	94.9	95.3
GE 300	76.2	88.3	89.3	91.5	92.9	93.3	93.9	94.6	94.6	95.1	95.3	95.5	95.6	95.8	96.0	96.3
GE 200	76.2	88.3	89.3	91.6	93.1	93.6	94.3	94.9	95.2	95.6	95.9	96.0	96.3	96.6	97.0	98.1
GE 100	76.2	88.3	89.3	91.6	93.1	93.6	94.3	94.9	95.2	95.6	95.9	96.0	96.4	96.8	98.0	100.0
GE 01	76.2	88.3	89.3	91.6	93.1	93.6	94.3	94.9	95.2	95.6	95.9	96.0	96.4	96.8	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 1267

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: 63-89
MONTH: DEC HOURS(LST): 0500-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	U
NO CEIL	15.1	68.8	69.2	69.5	69.7	69.7	69.8	69.8	69.8	69.8	69.9	69.9	70.0	70.0	70.1	70.1
GE 20000	68.4	72.5	72.8	73.1	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.7	73.7
GE 18000	68.5	72.7	73.2	73.5	73.8	73.8	73.9	73.9	73.9	74.0	74.0	74.0	74.1	74.1	74.2	74.2
GE 16000	68.8	73.1	73.5	73.9	74.2	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.5	74.5
GE 14000	69.6	73.9	74.3	74.8	75.1	75.1	75.2	75.2	75.2	75.4	75.4	75.4	75.5	75.5	75.5	75.5
GE 12000	70.8	75.1	75.6	76.0	76.3	76.3	76.4	76.5	76.5	76.6	76.6	76.7	76.7	76.7	76.8	76.8
GE 10000	71.7	76.2	76.6	77.1	77.3	77.3	77.4	77.5	77.5	77.6	77.7	77.7	77.7	77.7	77.8	77.8
GE 9000	71.8	76.3	76.7	77.2	77.5	77.5	77.6	77.6	77.6	77.7	77.8	77.8	77.9	77.9	77.9	77.9
GE 8000	72.3	76.9	77.4	77.9	78.2	78.2	78.3	78.4	78.4	78.5	78.5	78.6	78.6	78.6	78.7	78.7
GE 7000	72.8	77.5	78.0	78.5	78.8	78.8	79.0	79.0	79.0	79.1	79.2	79.2	79.2	79.3	79.3	79.3
GE 6000	73.8	78.7	79.1	79.6	80.0	80.0	80.1	80.1	80.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4
GE 5000	74.4	79.5	80.0	80.5	80.8	80.8	80.9	81.0	81.0	81.2	81.2	81.3	81.3	81.3	81.3	81.3
GE 4500	74.8	80.1	80.6	81.2	81.6	81.6	81.6	81.8	81.8	81.9	82.0	82.0	82.0	82.1	82.1	82.1
GE 4000	75.8	81.2	81.7	82.2	82.6	82.6	82.6	82.8	82.8	82.9	83.0	83.0	83.0	83.1	83.1	83.1
GE 3500	76.5	82.0	82.5	83.0	83.4	83.4	83.5	83.7	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9
GE 3000	78.5	84.4	84.9	85.7	86.1	86.1	86.2	86.3	86.3	86.5	86.5	86.6	86.6	86.6	86.6	86.6
GE 2500	79.6	86.0	86.6	87.4	87.9	87.9	87.9	88.1	88.1	88.2	88.3	88.3	88.3	88.4	88.4	88.4
GE 2000	81.3	88.0	88.6	89.6	90.1	90.1	90.2	90.5	90.5	90.6	90.7	90.7	90.7	90.8	90.8	90.8
GE 1800	81.5	88.3	89.0	90.0	90.6	90.6	90.6	91.0	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2
GE 1500	81.8	89.3	90.0	91.2	91.7	91.7	91.8	92.1	92.1	92.3	92.3	92.3	92.4	92.4	92.4	92.4
GE 1200	82.1	90.2	91.1	92.4	93.1	93.1	93.1	93.5	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.7
GE 1000	82.1	90.5	91.5	92.9	93.7	93.7	93.8	94.1	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.4
GE 900	82.1	90.6	91.6	93.1	93.9	93.9	94.0	94.4	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6
GE 800	82.1	90.8	91.9	93.4	94.3	94.3	94.3	94.7	94.8	94.9	94.9	95.0	95.0	95.0	95.1	95.1
GE 700	82.1	91.0	92.1	93.7	94.7	94.7	94.8	95.2	95.2	95.4	95.4	95.5	95.5	95.6	95.6	95.6
GE 600	82.2	91.3	92.4	94.0	95.0	95.0	95.0	95.4	95.4	95.7	95.7	95.8	95.8	95.8	95.9	95.9
GE 500	82.2	91.9	93.3	95.0	96.1	96.1	96.2	96.7	96.8	97.0	97.2	97.2	97.2	97.3	97.3	97.3
GE 400	82.2	92.0	93.4	95.2	96.4	96.4	96.5	97.0	97.2	97.6	97.7	97.8	97.8	97.9	98.0	98.0
GE 300	82.3	92.1	93.5	95.4	96.8	96.8	96.9	97.6	97.7	98.2	98.6	98.7	98.8	98.8	98.9	99.0
GE 200	82.3	92.1	93.5	95.4	96.8	96.9	96.9	97.7	97.9	98.4	98.9	99.0	99.2	99.4	99.6	99.6
GE 100	82.3	92.1	93.5	95.4	96.8	96.9	96.9	97.7	97.9	98.4	98.9	99.0	99.2	99.7	99.9	99.9
GE 01	82.3	92.1	93.5	95.4	96.8	96.9	96.9	97.7	97.9	98.4	98.9	99.0	99.2	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 1757

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: 63-84
 MONTH: DEC HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/6	1/2	5/16	1/4	0
NO CEIL	65.6	69.5	69.9	69.9	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
6E 20000	69.0	73.7	74.2	74.3	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
6E 18000	69.4	74.3	74.8	75.0	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
6E 16000	70.2	75.1	75.6	75.8	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
6E 14000	70.9	75.9	76.5	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
6E 12000	72.5	77.5	78.2	78.5	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
6E 10000	73.5	78.6	79.6	79.9	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
6E 9000	73.8	79.2	80.0	80.3	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
6E 8000	74.3	80.0	80.7	81.0	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
6E 7000	75.0	80.6	81.3	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
6E 6000	75.7	81.3	82.1	82.4	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
6E 5000	76.5	82.5	83.3	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
6E 4500	76.8	83.0	83.8	84.1	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
6E 4000	77.3	83.7	84.4	84.7	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
6E 3500	77.8	84.2	85.0	85.3	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
6E 3000	79.1	85.7	86.5	86.9	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
6E 2500	80.3	87.4	88.4	88.9	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
6E 2000	81.9	89.8	90.6	91.5	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
6E 1800	82.1	90.4	91.5	92.2	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
6E 1500	82.5	91.4	92.5	93.3	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
6E 1200	82.8	92.4	93.5	94.5	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
6E 1000	82.9	92.8	94.1	95.3	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
6E 900	82.9	93.2	94.5	95.7	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
6E 800	82.9	93.2	94.5	95.7	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
6E 700	82.9	93.4	94.6	96.0	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
6E 600	83.0	93.8	95.2	96.4	97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
6E 500	83.1	94.1	95.4	96.8	97.6	97.7	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
6E 400	83.1	94.1	95.5	96.8	97.7	98.0	98.2	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
6E 300	83.1	94.1	95.5	96.6	97.7	98.0	98.2	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
6E 200	83.1	94.1	95.5	96.8	97.8	98.1	98.3	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
6E 100	83.1	94.1	95.5	96.8	97.8	98.1	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
6E 0	83.1	94.1	95.5	96.8	97.8	98.1	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS: 1757

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: 63-84
MONTH: DEC HOURS(IST): 1500-1700

CEILING FEET	VISIBILITY IN STATUTE MILES																		
	10	9	8	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	60.2	64.5	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 20000	63.7	68.8	69.1	69.4	69.8	69.8	69.8	69.9	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 18000	64.1	69.4	69.7	70.0	70.4	70.4	70.4	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 16000	64.7	70.2	70.4	70.8	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 14000	65.9	71.5	71.8	72.2	72.6	72.6	72.6	72.6	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 12000	67.2	72.8	73.1	73.7	74.1	74.1	74.1	74.1	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5
GE 10000	69.2	75.2	75.6	76.2	76.6	76.6	76.6	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0
GE 9000	69.8	75.8	76.2	76.8	77.2	77.2	77.2	77.2	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6
GE 8000	70.4	76.5	76.9	77.5	77.9	77.9	77.9	77.9	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3
GE 7000	71.0	77.1	77.5	78.1	78.5	78.5	78.5	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9
GE 6000	71.7	77.9	78.3	78.8	79.2	79.2	79.2	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 5000	72.2	78.5	78.9	79.5	79.9	79.9	79.9	79.9	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3
GE 4500	73.1	79.5	79.9	80.5	81.0	81.0	81.0	81.0	81.0	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6
GE 4000	73.8	80.5	80.9	81.5	81.9	81.9	81.9	82.0	82.0	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6
GE 3500	74.5	81.4	81.9	82.5	82.9	83.0	83.0	83.0	83.0	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6
GE 3000	75.4	82.4	82.9	83.5	84.0	84.0	84.0	84.0	84.0	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6
GE 2500	76.5	84.0	84.7	85.3	85.9	85.9	85.9	85.9	85.9	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5
GE 2000	77.1	85.0	85.9	86.5	87.1	87.1	87.1	87.1	87.1	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7
GE 1800	77.7	85.8	86.7	87.3	87.9	88.0	88.0	88.0	88.0	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6
GE 1500	77.9	86.7	87.6	88.2	88.8	88.8	88.8	88.8	88.8	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4
GE 1200	78.2	87.8	88.6	89.2	89.8	89.8	89.8	89.8	89.8	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4
GE 1000	78.4	88.5	89.6	90.7	91.5	91.5	91.5	91.5	91.5	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5
GE 900	78.7	88.7	89.9	91.0	91.8	91.8	91.8	91.8	91.8	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7
GE 800	78.7	88.8	90.0	91.3	92.1	92.1	92.1	92.1	92.1	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1
GE 700	78.7	89.2	90.6	91.9	92.8	92.8	92.8	92.8	92.8	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8
GE 600	78.8	89.5	90.9	92.2	93.2	93.2	93.2	93.2	93.2	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2
GE 500	79.0	89.9	91.3	92.6	93.7	93.7	93.7	93.7	93.7	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0
GE 400	79.0	90.3	91.7	93.0	94.3	94.3	94.3	94.3	94.3	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7
GE 300	79.1	90.5	91.9	93.3	94.7	94.7	94.7	94.7	94.7	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3
GE 200	79.1	90.6	92.1	93.5	94.9	94.9	94.9	94.9	94.9	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7
GE 100	79.1	90.6	92.1	93.5	94.9	94.9	94.9	94.9	94.9	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7
GE 0	79.1	90.6	92.1	93.5	94.9	94.9	94.9	94.9	94.9	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7

TOTAL NUMBER OF OBSERVATIONS: 1739

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDEMBERG AFB CA PERIOD OF RECORD: 63-74,77-84
 MONTH: DEC HOURS(LST): 1800-2000

CEILING FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	GE
NO CEIL	53.4	66.8	67.4	67.6	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.3	68.4	68.6
GE 20000	54.9	68.6	69.2	69.6	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.1	70.2	70.4
GE 18000	55.2	69.0	69.7	70.0	70.1	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5	70.6	70.9
GE 16000	55.8	69.7	70.4	70.7	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.2	71.3	71.6
GE 14000	57.0	71.2	71.9	72.3	72.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.8	72.9	73.1
GE 12000	57.9	72.4	73.1	73.5	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.9	74.0	74.1	74.3
GE 10000	59.0	73.7	74.4	74.7	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.3	75.3	75.6
GE 9000	59.1	73.8	74.5	74.8	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.4	75.7
GE 8000	59.4	74.1	74.8	75.2	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.7	75.8	76.1
GE 7000	59.6	74.7	75.3	75.7	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.2	76.3	76.5
GE 6000	59.6	75.1	75.8	76.1	76.2	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.7	77.0
GE 5000	59.8	75.6	76.3	76.6	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.2	77.5
GE 4500	60.3	76.7	77.4	77.7	77.9	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.4	78.4	78.7
GE 4000	61.3	77.8	78.5	78.9	79.0	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.5	79.8
GE 3500	61.9	79.1	79.8	80.2	80.3	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.8	80.8	81.1
GE 3000	62.6	80.2	80.9	81.3	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.9	82.0	82.2
GE 2500	63.9	82.5	83.2	83.5	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.1	84.2	84.5
GE 2000	64.9	84.4	85.1	85.6	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.2	86.3	86.5
GE 1800	65.2	84.9	85.6	86.1	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.8	86.9	87.1
GE 1500	65.5	86.0	86.8	87.4	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.3	88.6
GE 1200	65.9	87.2	88.0	88.7	89.3	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.8	89.9	90.1
GE 1000	66.0	87.9	88.7	89.4	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.7	90.8	91.1
GE 900	66.0	88.0	88.7	89.5	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.8	90.9	91.2
GE 800	66.1	88.1	88.8	89.7	90.5	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.9	91.0	91.1	91.3
GE 700	66.1	88.1	88.8	89.8	90.7	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.3	91.6
GE 600	66.1	88.3	89.2	90.2	91.3	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.9	92.2
GE 500	66.1	89.0	89.9	91.1	92.3	92.5	92.6	92.9	93.0	93.0	93.0	93.0	93.0	93.1	93.2	93.5
GE 400	66.1	89.2	90.1	91.4	92.6	92.9	93.2	93.4	93.4	93.4	93.4	93.4	93.5	93.6	93.6	94.0
GE 300	66.1	89.2	90.1	91.6	92.9	93.2	93.7	94.1	94.3	94.3	94.3	94.4	94.4	94.5	94.7	95.1
GE 200	66.1	89.2	90.1	91.6	93.0	93.5	94.1	94.6	94.9	94.9	94.9	94.9	95.4	95.5	95.7	96.9
GE 100	66.1	89.2	90.1	91.6	93.0	93.5	94.1	94.7	94.8	95.0	95.1	95.1	95.6	95.8	96.5	99.2
GE 0	66.1	89.2	90.1	91.6	93.0	93.5	94.1	94.7	94.8	95.0	95.1	95.1	95.6	95.8	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 1164

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 63-75,77,79-81,83-84

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

MONTH: DEC HOURS(LST): 2100-2300

CEILING VISIBILITY IN STATUTE MILES

IN FEET	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	55.4	69.2	69.5	69.5	69.7	69.7	69.8	69.9	69.9	69.9	70.0	70.0	70.1	70.2	70.5	71.0
GE 20000	55.9	69.9	70.3	70.4	70.6	70.6	70.7	70.9	70.9	70.9	71.0	71.0	71.0	71.1	71.7	72.1
GE 18000	56.3	70.7	71.1	71.2	71.4	71.4	71.5	71.7	71.7	71.7	71.7	71.8	71.8	71.9	72.4	72.9
GE 16000	56.8	71.5	71.9	72.0	72.2	72.2	72.3	72.4	72.4	72.4	72.5	72.5	72.6	72.7	73.2	73.7
GE 14000	57.4	72.1	72.5	72.6	72.8	72.8	72.9	73.1	73.1	73.1	73.2	73.2	73.2	73.3	73.9	74.3
GE 12000	58.2	73.0	73.4	73.5	73.7	73.7	73.8	73.9	73.9	73.9	74.0	74.0	74.1	74.2	74.7	75.2
GE 10000	58.4	73.3	73.6	73.9	74.0	74.0	74.1	74.3	74.3	74.3	74.4	74.4	74.5	74.6	75.1	75.5
GE 9000	58.5	73.5	73.9	74.0	74.2	74.2	74.3	74.5	74.5	74.5	74.6	74.6	74.6	74.7	75.3	75.7
GE 8000	59.1	74.4	74.8	74.9	75.1	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.5	75.6	76.1	76.6
GE 7000	59.3	74.6	75.1	75.2	75.4	75.4	75.4	75.6	75.6	75.6	75.7	75.7	75.8	75.9	76.4	76.8
GE 6000	59.4	74.9	75.4	75.4	75.6	75.6	75.7	75.9	75.9	75.9	76.0	76.0	76.1	76.1	76.7	77.1
GE 5000	60.2	76.3	76.8	76.8	77.0	77.0	77.1	77.3	77.3	77.3	77.4	77.4	77.5	77.6	78.1	78.5
GE 4500	60.6	76.8	77.3	77.4	77.6	77.6	77.6	77.8	77.8	77.8	77.9	77.9	78.0	78.1	78.6	79.0
GE 4000	61.6	77.9	78.3	78.4	78.6	78.6	78.7	78.9	78.9	78.9	79.0	79.0	79.1	79.1	79.7	80.1
GE 3500	62.0	78.7	79.1	79.3	79.5	79.5	79.6	79.8	79.8	79.8	79.8	79.8	79.9	80.0	80.5	81.0
GE 3000	62.5	79.5	79.9	80.1	80.4	80.4	80.5	80.6	80.6	80.6	80.7	80.7	80.8	80.9	81.4	81.9
GE 2500	63.7	81.5	82.0	82.1	82.4	82.4	82.5	82.7	82.7	82.7	82.7	82.7	82.8	82.9	83.5	83.9
GE 2000	64.4	83.3	83.8	84.1	84.3	84.3	84.4	84.7	84.7	84.7	84.8	84.8	84.9	84.9	85.5	85.9
GE 1800	64.6	84.2	84.6	85.0	85.4	85.4	85.5	85.7	85.7	85.7	85.8	85.8	85.9	86.0	86.5	87.0
GE 1500	64.9	85.3	85.6	86.0	86.4	86.4	86.5	86.7	86.7	86.7	87.0	87.1	87.1	87.2	87.8	88.2
GE 1200	65.1	86.1	87.1	87.7	88.3	88.3	88.4	88.6	88.6	88.6	88.7	88.7	88.8	88.9	89.4	89.9
GE 1000	65.1	86.5	87.5	88.1	88.8	88.8	88.9	89.3	89.3	89.3	89.3	89.3	89.4	89.5	90.1	90.5
GE 900	65.1	86.5	87.5	88.1	88.8	88.8	88.9	89.3	89.3	89.3	89.4	89.4	89.5	89.6	90.1	90.6
GE 800	65.1	87.0	87.9	88.6	89.3	89.3	89.5	89.8	89.8	89.8	89.9	89.9	90.0	90.1	90.6	91.0
GE 700	65.2	87.2	88.2	88.9	89.8	89.8	90.1	90.3	90.3	90.3	90.4	90.4	90.5	90.6	91.1	91.5
GE 600	65.2	87.6	88.6	89.4	90.3	90.3	90.6	90.9	90.9	90.9	91.0	91.0	91.1	91.2	91.7	92.2
GE 500	65.2	88.0	89.0	90.0	90.9	90.9	91.2	92.0	92.0	92.0	92.1	92.1	92.2	92.3	92.9	93.3
GE 400	65.2	88.3	89.3	90.5	91.6	91.9	92.3	93.0	93.0	93.0	93.0	93.0	93.1	93.2	93.8	94.3
GE 300	65.2	88.3	89.3	90.6	91.9	92.2	92.5	93.3	93.4	93.6	93.7	93.8	93.8	94.2	94.9	95.3
GE 200	65.2	88.3	89.3	90.6	91.9	92.2	92.6	93.5	93.7	93.9	94.2	94.3	94.5	94.9	95.8	96.7
GE 100	65.2	88.3	89.3	90.6	91.9	92.2	92.7	93.6	93.8	94.0	94.3	94.4	94.6	95.3	96.7	99.6
GE 0	65.2	88.3	89.3	90.6	91.9	92.2	92.7	93.6	93.8	94.0	94.3	94.4	94.6	95.3	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 1136

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

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 63-84
 MONTH: DEC HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																					
	10-	GE	6	GL	5	GE	4	GE	3	2	1/2	1	1/4	GE	1	3/4	5/8	1/2	5/16	1/4	GE	
NO CEIL	60.3	67.8	68.2	68.5	68.7	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.3	69.4
GE 20000	62.6	70.7	71.1	71.4	71.7	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.3	72.5
GE 18000	63.0	71.2	71.7	71.9	72.2	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.9	73.0
GE 16000	63.5	71.8	72.3	72.6	72.9	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.5	73.7
GE 14000	64.2	72.6	73.1	73.4	73.7	73.8	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.4	74.6
GE 12000	65.3	73.8	74.3	74.7	75.0	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.6	75.8
GE 10000	66.2	74.9	75.4	75.8	76.1	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.8	77.0
GE 9000	66.4	75.1	75.7	76.1	76.4	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.9	76.9	76.9	77.0	77.2
GE 8000	66.9	75.8	76.3	76.7	77.1	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.7	77.9
GE 7000	67.4	76.3	76.8	77.3	77.6	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.2	78.4
GE 6000	67.9	77.0	77.5	78.0	78.3	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.9	79.1
GE 5000	68.5	78.0	78.5	78.9	79.3	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.9	80.1
GE 4500	69.0	78.7	79.2	79.7	80.0	80.1	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.7	80.9
GE 4000	69.8	79.7	80.3	80.7	81.1	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.8	82.0
GE 3500	70.5	80.5	81.1	81.6	81.9	82.0	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.6	82.8
GE 3000	71.6	82.2	82.8	83.3	83.7	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.2	84.2	84.2	84.2	84.3	84.3	84.4	84.6
GE 2500	72.7	84.0	84.6	85.2	85.6	85.7	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.3	86.5
GE 2000	73.9	86.0	86.7	87.4	87.8	87.9	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.5	88.7
GE 1800	74.1	86.5	87.3	88.0	88.4	88.5	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.1	89.2	89.4
GE 1500	74.4	87.6	88.4	89.2	89.7	89.8	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.5	90.7
GE 1200	74.7	88.5	89.4	90.4	91.0	91.1	91.2	91.4	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.8	92.0
GE 1000	74.8	89.0	90.0	91.1	91.8	91.9	92.0	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.7	92.9
GE 900	74.9	89.2	90.2	91.3	92.0	92.1	92.2	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.9	93.1
GE 800	74.9	89.3	90.3	91.5	92.2	92.3	92.5	92.8	92.8	92.8	92.8	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.2	93.4
GE 700	74.9	89.5	90.6	91.8	92.6	92.7	92.9	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.4	93.5	93.5	93.6	93.8
GE 600	75.0	89.7	90.9	92.1	93.0	93.1	93.4	93.6	93.6	93.6	93.6	93.7	93.8	93.8	93.8	93.8	93.9	94.0	94.0	94.1	94.3	94.5
GE 500	75.0	90.1	91.3	92.7	93.7	93.9	94.1	94.5	94.5	94.5	94.6	94.6	94.7	94.8	94.8	94.8	94.9	95.0	95.0	95.1	95.3	95.5
GE 400	75.0	90.3	91.5	93.0	94.1	94.3	94.7	95.1	95.2	95.2	95.2	95.4	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.8	96.1	96.3
GE 300	75.1	90.3	91.6	93.1	94.4	94.7	95.1	95.7	95.8	95.8	95.8	96.1	96.2	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.7	97.0
GE 200	75.1	90.3	91.6	93.2	94.5	94.9	95.3	95.9	96.1	96.1	96.1	96.4	96.5	96.7	96.8	96.8	96.8	97.0	97.1	97.1	97.5	98.2
GE 100	75.1	90.3	91.6	93.2	94.6	94.9	95.3	96.0	96.1	96.1	96.5	96.5	96.7	96.8	96.8	96.8	97.1	97.1	97.3	97.3	98.2	99.8
GE	01	75.1	90.3	91.6	93.2	94.6	94.9	95.3	96.0	96.1	96.5	96.5	96.7	96.8	96.8	97.1	97.1	97.3	97.3	98.2	100.0	

TOTAL NUMBER OF OBSERVATIONS: 10713

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: 63-84
 MONTH: ALL HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0		
NO CEIL	43.1	52.7	53.4	53.8	54.1	54.1	54.2	54.3	54.3	54.4	54.5	54.5	54.6	54.7	54.9	55.2
6E 2000	44.7	54.8	55.5	56.0	56.2	56.3	56.4	56.5	56.5	56.6	56.7	56.7	56.8	56.8	57.1	57.4
6E 1800	45.0	55.2	55.9	56.3	56.6	56.7	56.8	56.9	56.9	57.0	57.0	57.0	57.1	57.2	57.4	57.7
6E 1600	45.3	55.5	56.2	56.6	56.9	57.0	57.1	57.2	57.3	57.4	57.4	57.5	57.5	57.5	57.8	58.1
6E 1400	45.7	56.1	56.8	57.3	57.6	57.6	57.8	57.9	57.9	58.0	58.0	58.0	58.1	58.2	58.4	58.7
6E 1200	46.3	56.8	57.6	58.1	58.4	58.4	58.5	58.6	58.7	58.7	58.8	58.8	58.9	59.0	59.2	59.5
6E 1000	47.0	57.7	58.5	58.9	59.3	59.3	59.4	59.5	59.6	59.6	59.7	59.7	59.8	59.9	60.1	60.4
6E 900	47.1	57.9	58.6	59.1	59.4	59.5	59.6	59.7	59.7	59.8	59.9	59.9	60.0	60.1	60.3	60.6
6E 800	47.5	58.4	59.1	59.6	60.0	60.0	60.1	60.2	60.3	60.4	60.4	60.4	60.5	60.6	60.8	61.1
6E 700	47.8	58.8	59.5	60.1	60.4	60.5	60.6	60.7	60.7	60.8	60.8	60.9	61.0	61.0	61.3	61.6
6E 600	48.2	59.3	60.1	60.6	60.9	61.0	61.1	61.2	61.3	61.3	61.4	61.4	61.5	61.6	61.8	62.1
6E 500	48.7	59.9	60.7	61.2	61.6	61.6	61.8	61.9	62.0	62.0	62.0	62.1	62.2	62.2	62.4	62.8
6E 450	49.1	60.4	61.2	61.7	62.1	62.1	62.3	62.4	62.5	62.5	62.5	62.6	62.7	62.7	63.0	63.3
6E 400	49.6	61.1	61.9	62.4	62.8	62.9	63.0	63.1	63.2	63.2	63.3	63.4	63.4	63.4	63.7	64.0
6E 350	50.0	61.7	62.5	63.0	63.4	63.5	63.6	63.7	63.8	63.8	63.9	63.9	64.0	64.0	64.3	64.6
6E 300	50.7	62.6	63.5	64.1	64.4	64.5	64.6	64.7	64.8	64.8	64.9	64.9	65.0	65.1	65.3	65.6
6E 250	51.6	63.9	64.8	65.4	65.8	65.9	66.0	66.1	66.2	66.2	66.3	66.3	66.4	66.5	66.7	67.0
6E 200	52.6	65.6	66.5	67.2	67.5	67.6	67.8	67.9	68.0	68.0	68.1	68.2	68.2	68.5	68.8	69.1
6E 180	53.1	66.4	67.4	68.0	68.4	68.5	68.7	68.8	68.9	69.0	69.0	69.1	69.1	69.4	69.7	70.0
6E 150	53.9	68.0	69.0	69.8	70.2	70.3	70.4	70.6	70.7	70.7	70.8	70.9	70.9	71.2	71.5	71.8
6E 120	54.8	69.9	71.1	71.9	72.4	72.5	72.6	72.8	72.9	73.0	73.0	73.1	73.2	73.4	73.7	74.0
6E 100	55.4	71.6	72.9	73.8	74.4	74.5	74.7	74.8	74.9	75.0	75.0	75.1	75.2	75.4	75.7	76.0
6E 90	55.7	72.8	74.3	75.3	75.9	76.0	76.2	76.3	76.4	76.5	76.6	76.7	76.7	77.0	77.3	77.6
6E 80	56.0	74.0	75.6	76.7	77.4	77.5	77.7	77.9	78.0	78.1	78.1	78.2	78.3	78.5	78.8	79.1
6E 70	56.2	75.1	77.0	78.4	79.1	79.3	79.5	79.7	79.8	79.9	79.9	80.0	80.1	80.3	80.7	81.0
6E 60	56.3	76.3	78.5	80.2	81.1	81.3	81.6	81.8	81.9	82.0	82.0	82.1	82.2	82.4	82.8	83.1
6E 50	56.4	77.3	79.9	82.2	83.4	83.7	84.1	84.3	84.4	84.5	84.6	84.7	84.8	84.9	85.1	85.5
6E 40	56.4	78.0	80.9	83.6	85.4	85.9	86.5	87.0	87.1	87.3	87.4	87.5	87.6	87.7	88.0	88.4
6E 30	56.4	78.2	81.2	84.5	86.6	87.2	88.1	88.9	89.1	89.5	89.8	89.9	90.2	90.4	90.8	91.3
6E 20	56.4	78.2	81.3	84.7	87.0	87.6	88.7	89.8	90.1	90.7	91.3	91.6	92.2	92.6	93.9	95.4
6E 10	56.4	78.2	81.3	84.7	87.0	87.7	88.8	90.0	90.3	91.0	91.6	92.0	92.7	93.3	95.6	99.4
6E 0	56.4	78.2	81.3	84.7	87.0	87.7	88.8	90.0	90.3	91.0	91.7	92.0	92.8	93.3	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 123911

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

TOTAL SKY COVER

FOR ALLWAYS STATION IN LABELS OF CLEAR, SCATTERED,
BROKEN, OVERCAST, & OBSURED 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

OBSURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-84
MONTH: JAN

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	38.4			20.5						13.4	27.7	4.6	922
03-05	41.0			17.8						13.2	28.0	4.5	932
06-08	27.7			20.7						21.8	29.9	5.6	1286
09-11	20.7			23.7						27.5	28.1	6.0	1704
12-14	18.1			26.4						28.6	26.9	6.1	1705
15-17	16.5			27.1						27.5	29.0	6.2	1692
18-20	24.6			22.7						20.5	32.2	5.7	1136
21-23	36.1			19.3						13.8	30.8	4.9	1084
TOTALS	27.9			22.3						20.8	29.1	5.5	10461

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-84
MONTH: FEB

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	35.4			20.0						14.3	30.3	4.9	848
03-05	35.5			17.8						14.5	32.3	5.1	849
06-08	23.4			25.9						19.5	31.2	5.7	1180
09-11	17.6			28.2						24.1	30.1	6.0	1552
12-14	16.1			31.0						27.1	25.8	6.0	1544
15-17	13.5			28.7						27.0	30.0	6.4	1537
18-20	19.4			30.6						21.2	28.8	5.7	970
21-23	32.5			24.0						15.6	27.9	4.9	904
TOTALS	24.2			25.8						20.5	29.6	5.6	9384

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-84
 MONTH: MAR

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	32.5			19.9						14.3	33.3	5.2	933
03-05	32.9			21.1						11.6	34.3	5.1	931
06-08	20.4			24.0						20.9	34.6	6.1	1340
09-11	19.2			27.1						23.2	30.6	6.0	1744
12-14	15.7			30.9						24.5	28.8	6.0	1737
15-17	12.1			32.8						24.1	31.0	6.3	1731
18-20	17.0			26.6						19.7	36.7	6.2	1076
21-23	27.1			21.1						15.5	36.3	5.7	996
TOTALS	22.1			25.4						19.3	33.2	5.8	10488

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-84
 MONTH: APR

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	37.9			15.3						13.7	33.1	5.0	897
03-05	34.6			13.5						13.6	36.3	5.5	898
06-08	24.7			21.1						16.8	37.4	5.9	1316
09-11	22.5			31.4						20.4	25.7	5.3	1674
12-14	23.1			30.0						22.3	14.7	4.9	1666
15-17	18.8			37.6						23.1	20.5	5.3	1637
18-20	25.0			29.4						18.8	26.8	5.3	1022
21-23	33.7			23.1						11.7	31.5	4.9	965
TOTALS	27.5			25.9						17.6	29.0	5.3	10075

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-84
 MONTH: MAY

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	22.2			11.2						8.6	58.0	6.9	940
03-05	16.6			10.5						9.1	63.8	7.5	934
06-08	13.9			16.0						13.0	57.1	7.4	1520
09-11	18.5			27.4						16.6	37.4	6.1	1699
12-14	18.9			34.7						20.5	26.0	5.5	1690
15-17	17.0			30.7						22.9	29.4	5.9	1522
18-20	14.4			21.4						17.6	46.6	6.9	1052
21-23	20.9			14.7						12.9	51.4	6.7	1004
TOTALS	17.8			20.8						15.2	46.2	6.6	10361

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-84
 MONTH: JUN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	17.9			7.6						7.6	66.9	7.6	898
03-05	12.2			6.2						6.0	75.7	8.3	924
06-08	11.9			10.9						9.9	67.3	7.9	1442
09-11	18.4			24.9						16.3	40.4	6.3	1657
12-14	19.7			34.0						25.1	21.1	5.4	1656
15-17	18.6			26.1						25.0	28.3	5.9	1443
18-20	18.0			16.4						13.9	51.6	6.9	1004
21-23	22.3			9.4						7.7	60.6	7.0	962
TOTALS	17.4			17.2						13.9	51.5	6.9	9966

GLOBAL CLIMATOLOGY BRANCH
USAFETYAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-84
MONTH: JUL

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	13.5			7.0						4.5	74.9	8.1	925
03-05	8.4			5.5						3.6	62.6	8.7	929
06-08	7.2			8.7						7.9	76.2	8.6	1452
09-11	19.0			25.9						15.5	39.7	6.1	1662
12-14	21.4			44.9						21.7	12.0	4.5	1656
15-17	17.5			35.6						26.7	20.2	5.5	1453
18-20	17.1			15.2						12.5	55.2	7.1	1037
21-23	17.9			9.1						6.0	67.1	7.5	991
TOTALS	15.3			19.0						12.3	53.5	7.0	10105

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-84
MONTH: AUG

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	13.9			7.1						6.0	73.0	8.0	954
03-05	7.5			5.6						5.6	81.3	8.8	948
06-08	6.8			8.1						9.3	75.7	8.7	1491
09-11	18.9			25.2						17.5	38.4	6.2	1706
12-14	23.2			42.3						23.6	10.8	4.5	1696
15-17	18.9			34.8						25.8	20.5	5.4	1492
18-20	18.0			11.6						11.4	58.9	7.3	1075
21-23	19.4			7.4						6.8	66.4	7.5	1021
TOTALS	15.8			17.8						13.3	53.1	7.1	10383

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 63-84
MONTH: SEP

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	32.0			9.1						9.2	49.7	6.1	956
03-05	26.0			7.8						9.0	57.2	6.8	958
06-08	19.5			13.0						10.4	57.0	7.0	1535
09-11	25.8			23.0						15.3	35.9	5.7	1728
12-14	27.1			34.2						18.9	19.7	4.7	1733
15-17	24.5			25.3						20.1	26.1	5.3	1546
18-20	27.7			18.3						11.0	43.0	5.8	1163
21-23	33.6			12.4						9.8	44.1	5.7	1065
TOTALS	27.0			16.4						13.0	41.6	5.9	10704

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 63-84
MONTH: OCT

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	40.4			15.9						9.6	34.1	4.8	941
03-05	37.9			14.4						10.4	37.3	5.1	952
06-08	26.7			19.0						17.2	37.1	5.8	1512
09-11	28.5			26.2						21.9	23.3	5.1	1745
12-14	28.3			33.1						23.0	15.6	4.6	1745
15-17	25.2			30.3						23.8	20.7	5.1	1572
18-20	28.6			23.5						15.2	32.8	5.3	1147
21-23	37.7			17.6						11.6	33.2	4.9	1082
TOTALS	31.7			22.5						16.6	29.3	5.1	10696

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/LMAC

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 63-84
 MONTH: NOV

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM HOURLY OBSERVATIONS

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	37.3			16.0						17.3	27.5	4.8	896
03-05	39.9			17.0						15.4	27.7	4.7	899
06-08	25.3			25.4						22.9	26.4	5.5	1234
09-11	21.0			32.7						22.9	23.4	5.4	1687
12-14	19.3			31.6						28.8	20.4	5.6	1606
15-17	16.9			30.8						28.4	24.0	5.9	1677
18-20	25.4			25.8						19.6	29.2	5.5	1098
21-23	35.1			18.3						17.0	29.6	5.0	1076
TOTALS	27.5			25.0						21.5	26.0	5.3	10253

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 63-84
 MONTH: DEC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM HOURLY OBSERVATIONS

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	47.2			16.2						14.2	20.4	3.9	930
03-05	46.8			17.9						13.1	22.2	3.9	932
06-08	28.8			26.1						22.9	22.3	5.1	1280
09-11	23.3			30.3						23.1	23.3	5.3	1757
12-14	19.6			34.7						24.6	21.1	5.4	1756
15-17	18.9			31.6						25.4	24.0	5.6	1739
18-20	26.9			30.2						20.2	22.7	5.0	1164
21-23	38.7			23.2						15.2	22.9	4.4	1136
TOTALS	31.3			26.5						19.8	22.4	4.8	10694

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/WAC

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 63-84
 MONTH: ALL

HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										TOTAL ODS		
	0	1	2	3	4	5	6	7	8	9		10	
JAN ALL	27.9			22.3						20.8	29.1	5.5	10461
FEB	24.2			25.8						20.5	29.6	5.6	9384
MAR	22.1			25.4						19.3	33.2	5.8	10448
APR	27.5			25.9						17.6	29.0	5.3	10075
MAY	17.8			20.8						15.2	46.2	6.6	10361
JUN	17.4			17.2						13.9	51.5	6.9	9906
JUL	15.3			19.0						12.3	53.5	7.0	10105
AUG	15.8			17.8						13.3	53.1	7.1	10303
SEP	27.0			18.4						13.0	41.6	5.9	10704
OCT	31.7			22.5						16.6	29.3	5.1	10696
NOV	27.5			25.0						21.5	26.0	5.3	10253
DEC	31.3			26.5						19.8	22.4	4.8	10694
TOTALS	23.8			22.2						17.0	37.0	5.9	123570

PART E PSYCHROMETRIC SUMMARIES

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

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

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

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

Continued on Reverse

3. 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 annual, all hours and 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 with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

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 dew-point 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 (σ_x). 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 dew-point 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.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

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

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

723930 VANDENBERG AFB CA 63-84

STATION NAME

YEARS

HRS. (L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN 5.901 S. D. 2.29 TOTAL OBS 929	48.0 4.295 936	48.0 4.295 936	48.2 3.975 904	50.3 3.020 946	52.4 2.929 902	53.7 2.574 930	55.1 2.301 958	56.5 4.766 962	54.6 4.791 953	51.5 5.456 905	47.0 5.963 937	51.0 5.820 1111
03-05	MEAN 6.408 S. D. 9.32 TOTAL OBS 932	46.3 5.013 853	46.6 4.664 940	47.4 4.293 902	49.7 3.106 944	52.0 3.215 908	53.0 2.655 933	54.5 2.308 956	56.0 4.777 964	53.8 4.747 955	50.6 5.709 902	45.8 6.274 936	50.2 5.820 1112
06-08	MEAN 6.392 S. D. 12.85 TOTAL OBS 1285	46.8 5.172 1181	48.5 5.109 1346	50.5 5.237 1319	52.7 4.358 1523	54.9 4.689 1447	55.2 3.851 1459	56.2 3.596 1494	57.9 5.434 1542	55.5 5.325 1523	51.3 5.855 1240	46.4 6.301 1286	52.1 6.519 1665
09-11	MEAN 6.382 S. D. 17.05 TOTAL OBS 1705	55.5 5.353 1554	56.5 5.507 1749	57.7 6.069 1673	58.1 5.246 1700	60.2 5.443 1658	60.9 4.962 1665	62.2 5.061 1707	65.2 7.560 1732	64.7 7.492 1748	60.1 6.372 1689	53.3 6.801 1738	59.3 6.976 2038
12-14	MEAN 59.2 S. D. 17.06 TOTAL OBS 1706	59.4 5.154 1547	58.8 5.111 1737	59.2 5.300 1666	59.8 4.460 1692	62.2 4.467 1657	63.6 3.815 1660	65.2 3.788 1700	67.3 6.531 1735	66.6 6.481 1746	63.5 5.865 1689	60.1 6.295 1757	62.1 6.178 2022
15-17	MEAN 56.7 S. D. 16.95 TOTAL OBS 1695	57.0 4.558 1541	56.6 4.487 1730	56.9 4.423 1639	58.0 4.277 1523	60.5 4.309 1446	62.0 3.916 1452	63.1 3.862 1496	64.9 6.089 1546	63.2 5.489 1573	59.7 4.732 1680	56.7 5.235 1738	59.5 5.619 1989
18-20	MEAN 47.99 S. D. 11.37 TOTAL OBS 1137	51.2 3.352 973	51.7 3.310 1076	52.0 3.415 1025	53.5 3.353 1054	55.8 3.200 1007	56.9 3.066 1037	58.1 2.825 1077	59.8 4.885 1162	57.4 3.698 1154	54.0 4.094 1099	50.2 4.958 1164	54.3 5.012 12967
21-23	MEAN 47.9 S. D. 10.89 TOTAL OBS 1089	48.7 4.153 906	49.4 3.798 1003	49.7 3.335 969	51.4 2.582 1006	53.5 2.687 964	54.8 2.477 996	56.2 2.245 1022	57.5 4.408 1086	55.5 4.401 1089	52.2 4.867 1083	48.2 5.676 1136	52.1 5.204 12349
ALL HOURS	MEAN 52.0 S. D. 10.478 TOTAL OBS 10478	52.6 6.866 9404	53.1 6.427 10519	53.8 6.439 10097	55.0 5.502 10388	57.3 5.614 9989	58.3 5.339 10132	59.6 5.293 10410	61.5 7.233 10729	61.5 7.468 10741	56.5 7.262 10287	52.4 7.899 10712	56.0 7.396 123886

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

723930 VANDENBERG AFB CA 63-84

STATION NAME YEARS

HRS. (L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
00-02	MEAN 5.938 S. D. 929 TOTAL OBS 809	MEAN 4.932 S. D. 809 TOTAL OBS 809	MEAN 4.871 S. D. 936 TOTAL OBS 936	MEAN 45.5 S. D. 904 TOTAL OBS 904	MEAN 48.2 S. D. 946 TOTAL OBS 946	MEAN 50.5 S. D. 902 TOTAL OBS 902	MEAN 51.9 S. D. 930 TOTAL OBS 930	MEAN 53.3 S. D. 955 TOTAL OBS 955	MEAN 53.7 S. D. 962 TOTAL OBS 962	MEAN 50.8 S. D. 953 TOTAL OBS 953	MEAN 48.0 S. D. 905 TOTAL OBS 905	MEAN 43.5 S. D. 937 TOTAL OBS 937	MEAN 48.5 S. D. 937 TOTAL OBS 937	MEAN 48.5 S. D. 937 TOTAL OBS 937
03-05	MEAN 6.319 S. D. 932 TOTAL OBS 853	MEAN 5.282 S. D. 853 TOTAL OBS 853	MEAN 4.595 S. D. 940 TOTAL OBS 940	MEAN 3.783 S. D. 902 TOTAL OBS 902	MEAN 2.980 S. D. 944 TOTAL OBS 944	MEAN 2.782 S. D. 908 TOTAL OBS 908	MEAN 2.452 S. D. 933 TOTAL OBS 933	MEAN 2.168 S. D. 953 TOTAL OBS 953	MEAN 4.307 S. D. 964 TOTAL OBS 964	MEAN 4.713 S. D. 955 TOTAL OBS 955	MEAN 5.788 S. D. 902 TOTAL OBS 902	MEAN 6.866 S. D. 936 TOTAL OBS 936	MEAN 5.045 S. D. 936 TOTAL OBS 936	MEAN 5.045 S. D. 936 TOTAL OBS 936
06-08	MEAN 6.399 S. D. 1285 TOTAL OBS 1181	MEAN 5.358 S. D. 1181 TOTAL OBS 1181	MEAN 4.793 S. D. 1345 TOTAL OBS 1345	MEAN 3.938 S. D. 1319 TOTAL OBS 1319	MEAN 3.114 S. D. 1523 TOTAL OBS 1523	MEAN 3.062 S. D. 1447 TOTAL OBS 1447	MEAN 2.873 S. D. 1459 TOTAL OBS 1459	MEAN 2.683 S. D. 1490 TOTAL OBS 1490	MEAN 3.922 S. D. 1542 TOTAL OBS 1542	MEAN 4.702 S. D. 1522 TOTAL OBS 1522	MEAN 5.044 S. D. 1240 TOTAL OBS 1240	MEAN 6.251 S. D. 1286 TOTAL OBS 1286	MEAN 6.229 S. D. 1286 TOTAL OBS 1286	MEAN 6.229 S. D. 1286 TOTAL OBS 1286
09-11	MEAN 5.180 S. D. 1704 TOTAL OBS 1554	MEAN 4.356 S. D. 1554 TOTAL OBS 1554	MEAN 4.215 S. D. 1749 TOTAL OBS 1749	MEAN 3.821 S. D. 1673 TOTAL OBS 1673	MEAN 3.320 S. D. 1699 TOTAL OBS 1699	MEAN 3.260 S. D. 1658 TOTAL OBS 1658	MEAN 3.130 S. D. 1665 TOTAL OBS 1665	MEAN 2.976 S. D. 1707 TOTAL OBS 1707	MEAN 3.931 S. D. 1732 TOTAL OBS 1732	MEAN 3.773 S. D. 1747 TOTAL OBS 1747	MEAN 4.513 S. D. 1689 TOTAL OBS 1689	MEAN 5.350 S. D. 1757 TOTAL OBS 1757	MEAN 5.431 S. D. 20334 TOTAL OBS 20334	MEAN 5.431 S. D. 20334 TOTAL OBS 20334
12-14	MEAN 4.349 S. D. 1706 TOTAL OBS 1546	MEAN 3.790 S. D. 1546 TOTAL OBS 1546	MEAN 3.842 S. D. 1734 TOTAL OBS 1734	MEAN 3.465 S. D. 1666 TOTAL OBS 1666	MEAN 2.924 S. D. 1691 TOTAL OBS 1691	MEAN 2.806 S. D. 1657 TOTAL OBS 1657	MEAN 2.562 S. D. 1657 TOTAL OBS 1657	MEAN 2.426 S. D. 1700 TOTAL OBS 1700	MEAN 3.457 S. D. 1735 TOTAL OBS 1735	MEAN 3.275 S. D. 1746 TOTAL OBS 1746	MEAN 3.924 S. D. 1689 TOTAL OBS 1689	MEAN 4.085 S. D. 1757 TOTAL OBS 1757	MEAN 4.700 S. D. 20284 TOTAL OBS 20284	MEAN 4.700 S. D. 20284 TOTAL OBS 20284
15-17	MEAN 4.880 S. D. 1692 TOTAL OBS 1541	MEAN 3.477 S. D. 1541 TOTAL OBS 1541	MEAN 3.562 S. D. 1727 TOTAL OBS 1727	MEAN 3.137 S. D. 1638 TOTAL OBS 1638	MEAN 2.834 S. D. 1523 TOTAL OBS 1523	MEAN 2.732 S. D. 1446 TOTAL OBS 1446	MEAN 2.583 S. D. 1451 TOTAL OBS 1451	MEAN 2.407 S. D. 1486 TOTAL OBS 1486	MEAN 3.327 S. D. 1546 TOTAL OBS 1546	MEAN 2.998 S. D. 1573 TOTAL OBS 1573	MEAN 3.048 S. D. 1679 TOTAL OBS 1679	MEAN 4.021 S. D. 1738 TOTAL OBS 1738	MEAN 4.092 S. D. 19050 TOTAL OBS 19050	MEAN 4.092 S. D. 19050 TOTAL OBS 19050
18-20	MEAN 4.890 S. D. 1136 TOTAL OBS 973	MEAN 3.453 S. D. 973 TOTAL OBS 973	MEAN 3.197 S. D. 1076 TOTAL OBS 1076	MEAN 2.726 S. D. 1025 TOTAL OBS 1025	MEAN 2.556 S. D. 1054 TOTAL OBS 1054	MEAN 2.530 S. D. 1007 TOTAL OBS 1007	MEAN 2.321 S. D. 1037 TOTAL OBS 1037	MEAN 2.123 S. D. 1076 TOTAL OBS 1076	MEAN 3.337 S. D. 1162 TOTAL OBS 1162	MEAN 3.207 S. D. 1154 TOTAL OBS 1154	MEAN 4.334 S. D. 1099 TOTAL OBS 1099	MEAN 5.333 S. D. 1164 TOTAL OBS 1164	MEAN 4.065 S. D. 12965 TOTAL OBS 12965	MEAN 4.065 S. D. 12965 TOTAL OBS 12965
21-23	MEAN 5.572 S. D. 1089 TOTAL OBS 906	MEAN 4.368 S. D. 906 TOTAL OBS 906	MEAN 3.563 S. D. 1003 TOTAL OBS 1003	MEAN 2.871 S. D. 969 TOTAL OBS 969	MEAN 2.475 S. D. 1006 TOTAL OBS 1006	MEAN 2.525 S. D. 964 TOTAL OBS 964	MEAN 2.215 S. D. 996 TOTAL OBS 996	MEAN 2.030 S. D. 1021 TOTAL OBS 1021	MEAN 3.714 S. D. 1086 TOTAL OBS 1086	MEAN 3.992 S. D. 1089 TOTAL OBS 1089	MEAN 4.983 S. D. 1083 TOTAL OBS 1083	MEAN 5.055 S. D. 1136 TOTAL OBS 1136	MEAN 5.302 S. D. 12348 TOTAL OBS 12348	MEAN 5.302 S. D. 12348 TOTAL OBS 12348
ALL HOURS	MEAN 6.192 S. D. 10473 TOTAL OBS 9403	MEAN 5.422 S. D. 9403 TOTAL OBS 9403	MEAN 4.900 S. D. 10512 TOTAL OBS 10512	MEAN 4.328 S. D. 10096 TOTAL OBS 10096	MEAN 3.613 S. D. 10386 TOTAL OBS 10386	MEAN 3.559 S. D. 9989 TOTAL OBS 9989	MEAN 3.472 S. D. 10128 TOTAL OBS 10128	MEAN 3.262 S. D. 10398 TOTAL OBS 10398	MEAN 4.454 S. D. 10729 TOTAL OBS 10729	MEAN 4.835 S. D. 10739 TOTAL OBS 10739	MEAN 5.491 S. D. 10286 TOTAL OBS 10286	MEAN 6.387 S. D. 10711 TOTAL OBS 10711	MEAN 5.897 S. D. 123050 TOTAL OBS 123050	MEAN 5.897 S. D. 123050 TOTAL OBS 123050

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

723930 VANDENBERG AFB CA

63-84

STATION NAME YEARS

MRS. (L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
MEAN	39.0	40.6	41.8	42.7	46.3	49.1	50.6	52.1	51.4	47.1	44.3	39.0	45.4
S. D.	8.284	7.416	5.975	4.830	3.658	3.034	2.429	2.388	5.864	7.736	7.886	8.816	7.639
TOTAL OBS	929	849	936	904	946	902	930	955	962	953	905	937	11108
MEAN	38.0	39.7	40.8	41.9	46.9	48.8	50.3	51.9	50.9	46.0	43.0	37.7	44.6
S. D.	8.410	7.505	6.167	5.207	3.878	3.055	2.472	2.349	6.293	8.352	8.234	9.841	8.034
TOTAL OBS	932	853	940	902	944	908	933	953	964	955	902	936	11122
MEAN	37.8	39.6	41.4	43.2	46.8	49.8	51.6	52.7	52.2	46.7	42.8	37.4	45.6
S. D.	8.705	7.727	6.547	5.036	3.869	3.265	2.626	2.600	5.704	8.344	8.449	9.976	8.260
TOTAL OBS	1285	1181	1345	1319	1523	1447	1459	1490	1542	1522	1240	1286	16639
MEAN	40.7	42.8	44.1	44.9	48.0	50.8	53.1	54.1	54.1	49.2	44.6	48.3	47.2
S. D.	8.683	7.853	6.855	5.190	4.101	3.617	2.803	2.807	5.656	8.185	8.438	9.244	8.131
TOTAL OBS	1704	1554	1749	1673	1699	1658	1665	1707	1732	1747	1689	1757	20334
MEAN	42.6	44.4	45.2	45.7	48.3	51.1	53.2	54.2	54.5	50.6	46.4	42.2	48.2
S. D.	8.084	7.382	6.430	4.654	3.704	3.489	2.775	2.661	5.104	7.122	7.689	8.978	7.404
TOTAL OBS	1706	1546	1734	1666	1691	1657	1657	1700	1735	1746	1689	1757	20284
MEAN	43.7	45.3	45.7	45.6	47.9	50.8	52.8	53.9	54.1	51.1	48.1	43.9	48.4
S. D.	7.192	6.455	5.456	4.216	3.489	3.215	2.639	2.406	4.737	5.819	6.421	7.989	6.817
TOTAL OBS	1692	1541	1727	1638	1523	1446	1451	1496	1546	1573	1679	1738	19050
MEAN	42.0	43.9	44.8	44.9	47.3	50.2	51.8	53.2	53.2	50.0	47.3	42.0	47.5
S. D.	7.351	5.984	4.740	3.847	3.308	2.791	2.289	2.123	4.475	5.739	6.251	8.531	6.552
TOTAL OBS	1136	973	1078	1025	1054	1007	1037	1076	1162	1154	1099	1164	12965
MEAN	40.2	41.9	43.3	44.0	46.9	49.7	51.3	52.7	52.2	48.4	45.5	40.5	46.4
S. D.	8.003	6.848	5.288	4.186	3.423	2.837	2.299	2.179	5.103	6.657	7.088	8.661	7.171
TOTAL OBS	1089	906	1003	969	1006	964	996	1021	1086	1089	1083	1136	12348
MEAN	40.8	42.6	43.8	44.4	47.3	50.2	52.1	53.3	53.1	48.9	45.4	40.7	46.9
S. D.	8.342	7.482	6.258	4.849	3.792	3.326	2.785	2.626	5.495	7.521	7.805	9.038	7.802
TOTAL OBS	10473	9403	10512	10096	10386	9989	10124	10398	10729	10739	10286	10711	123650

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 723930 VANDENBERG AFB CA
 STATION NAME

DAILY TEMPERATURES

51-52, 58-84 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS) MINIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
80						.7							.0
75						.5	.1		.1				.1
70			.1	.3	.7	.9	.9	.1	.8	.5		.1	.2
65		.1	.3	.4	.7	1.0	.9	.5	3.3	1.1	.5		.8
60		.8	.7	2.2	1.4	3.8	4.5	6.1	11.2	6.2	2.8	.9	3.5
55	5.6	5.3	8.2	10.3	7.7	23.9	31.3	47.3	49.6	31.4	15.5	7.2	20.5
50	22.3	22.9	31.3	33.6	51.6	79.1	92.9	96.4	90.0	69.9	44.7	23.7	55.2
45	50.7	56.1	67.1	76.5	90.6	98.6	100.0	100.0	98.8	93.0	76.3	51.7	80.1
40	77.6	88.3	89.6	96.5	99.3	100.0			100.0	100.0	94.1	80.2	93.7
35	93.6	98.3	99.0	100.0	100.0					100.0	99.5	94.3	98.7
33	96.5	99.7	99.6								99.9	97.7	99.4
30	99.6	100.0	100.0								100.0	99.8	99.9
25	100.0										100.0	100.0	100.0
MEAN	44.4	45.5	46.8	47.9	49.7	52.3	53.5	54.5	54.7	52.0	48.6	45.0	49.6
S. D.	6.420	5.389	5.443	5.086	3.979	4.204	3.269	3.133	4.589	5.163	5.723	6.417	6.156
TOTAL OBS	762	699	779	744	763	766	779	797	758	613	781	814	9265

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

723930 VANDENBERG AFB CA
STATION NAME

51-52, 58-89

YEARS

WHOLE DEGREES FAHRENHEIT

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
51	70	77	72	82	73	72	70	73	79	91	78	66	
52					*	70	70	82	92	70	81	79	82
53	73	70	79	88	74	67	85	79	71	83	82	87	
59	73	71	78	83	72	75	78	72	79	83	82	81	90
5J	77	72	68	77	66	76	76	74	89	93	77	73	83
51	76	51	57	78	66	75	66	96	75	80	76	80	96
52	74	78	73	69	67	66	72	75	85	77	83	80	85
53	67	75	73	84	63	67	75	73	89	95	78	66	95
65	74	76	67	75	67	66	71	78	87	99	70	75	99
66	71	70	76	90	65	77	70	73	84	94	87	73	94
57	75	73	64	61	88	64	73	75	85	90	84	73	90
58	76	74	74	86	72	72	73	85	98	88	80	75	98
59	73	66	77	69	69	71	73	76	76	84	79	77	84
70	66	58	70	76	93	73	75	73	100	83	80	69	100
71	83	83	77	83	65	77	76	83	89	97	81	66	97
72	71	70	77	75	71	79	75	80	82	88	76	72	88
73	74	72	53	77	78	92	78	69	93	86	81	74	93
74	73	70	71	76	73	71	74	70	73	86	83	72	86
75	78	64	62	65	70*	68*	69*	75*	92*	81*	79*	86	*
75	82*	68*	79*	68*	84*	98*	69*	73*	80*	84*	84*	78	98
77	77*	77*	68*	71*	65*	68*	80*	80*	78*	78*	81*	81	81
78	66*	69*	87*	68*	82*	70*	68*	75*	87*	79*	74*	69	87
79	67*	62*	73*	68*	80*	72*	73*	67*	77*	71*	73*	82	82
9J	71*	75*	67*	77*	65*	84*	79*	77*	95*	92*	78*	82	95
91	73*	77*	71*	85*	72*	92*	77*	73*	72*	81*	79*	76	92
92	66*	72*	66*	76*	65*	67*	71*	75*	80*	79*	75*	68	80
93	77*	68*	65*	69*	70*	72*	85*	74*	84*	92*	73*	70	92
94	76*	75*	80*	79*	81*	67*	77*	88*	97*	76*	70*	71	97
MEAN	73.7	71.7	71.6	77.4	71.8	72.9	73.9	77.0	84.8	87.2	79.2	74.2	91.4
S.D.	4.029	5.224	5.393	7.968	7.871	6.647	4.143	6.508	8.264	7.169	4.721	5.564	5.873
TOTAL OBS.	762	699	779	744	763	766	779	797	768	813	781	816	9267

NOTES * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 JSAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

723930 VANDENBERG AFB CA
 STATION NAME

51-52, 58-84

YEARS

WHOLE DEGREES FAHRENHEIT

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
51	30	32	31	40	37	41	52	47	41	38	34	31	30
52					*	47	50	53	49	49	36*	38	
58	35	37	41	45	43	46	50	52	50	50	45	41	35
60	32	40	42	40	44	49	48	48	48	45	37	30	30
61	32	35	36	36	41	45	45	48	46	35	35	37	32
62	30	31	35	39	41	44	48	45	47	42	41	34	30
63	34	48	39	41	43	47	49	48	52	51	42	38	34
64	35	33	34	36	39	45	45	49	43	43	33	32	32
65	33	34	40	37	39	43	45	49	45	42	39	31	31
66	30	33	37	39	43	46	46	49	43	40	39	30	30
67	36	36	37	39	43	43	48	52	50	44	38	26	26
68	30	38	39	37	41	46	50	50	43	44	39	33	30
69	35	38	36	39	42	45	43	47	52	43	40	33	33
70	31	37	36	36	40	45	49	48	43	44	40	36	31
71	30	37	32	39	42	45	46	48	45	36	37	30	30
72	34	36	32	36	43	48	48	47	45	38	38	31	31
73	28	40	37	41	43	46	48	47	49	43	41	42	28
74	35	37	38	44	45	48	49	52	47	45	37	30	30
75	30	33	33	36	41	50	50	52	49	38	39	33	30
76	25*	39*	35*	42*	49*	48*	51*	53*	53*	48*	43*	40	25
77	39*	40*	44*	44*	43*	50*	53*	55*	53*	43*	44*	46	39
78	40*	44*	52*	49*	51*	50*	50*	50*	50*	47*	42*	33	33
79	35*	40*	44*	49*	50*	46*	50*	51*	50*	48*	41*	40	35
80	41*	44*	48*	49*	50*	51*	52*	50*	47*	45*	41*	43	41
81	38*	41*	42*	47*	48*	51*	52*	52*	48*	43*	48*	40	38
82	33*	38*	42*	45*	49*	51*	51*	51*	49*	42*	45*	40	33
83	40*	43*	48*	43*	48*	53*	56*	53*	55*	47*	38*	41	38
84	36*	38*	42*	40*	46*	51*	54*	55*	52*	46*	42*	39	36
MEAN	32.2	36.4	36.3	39.9	41.7	45.2	48.1	48.8	46.6	42.9	38.1	33.3	30.8
S.D.	2.439	3.898	3.177	2.698	2.000	2.078	1.984	2.176	3.312	4.306	3.223	4.156	2.167
TOTAL OBS.	762	599	779	744	763	766	779	797	768	813	781	814	9265

NOTES * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930
 STATION

VANDENBERG AFB CA
 STATION NAME

64-73
 YEARS

JAN
 MONTH

PAGE 1 0800-2200
 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
72/ 78						.2												2	2		
70/ 69					.1													1	1		
68/ 63			.2	.2														3	3		
62/ 61		.2																3	3		
60/ 59		.2				.2	.1											10	10	9	
58/ 57		.2				.2	.2	.3										13	13	10	12
56/ 55	.2	.2	.4	1.4	.3	.3	.5											60	60	60	17
50/ 53	.2	.2	.2	.2	.5	.3	.8											67	67	67	22
52/ 51	.2	.2	1.0	1.7	1.2	1.3	.1											98	98	98	34
50/ 49	.2	.2	2.7	1.4	1.3	.6	.2											116	116	116	42
48/ 47	.2	.2	2.4	2.6	1.7	.1	.1											130	130	92	49
46/ 45	.2	.2	3.1	1.8	1.2	.4												127	127	125	78
44/ 43	.2	.2	2.4	1.9	.3	.2												86	86	122	86
42/ 41	.2	.2	3.4	2.4	.2	.2												86	86	122	69
40/ 39	.2	.2	3.1	.3	.2	.2												63	63	99	70
38/ 37	.2	.2	3.1	1.2	.2	.2												42	42	97	78
36/ 35	.2	.2	1.1	.9	.2	.2												20	20	73	62
34/ 33	.2	.2	.6	.4	.2	.2												10	10	22	69
32/ 31	.2	.2	.2	.2	.2	.2												2	2	13	89
30/ 29	.2	.2	.1	.1	.1	.1												2	2	6	74
28/ 27	.2	.2	.1	.1	.1	.1												2	2	3	42
26/ 25	.2	.2	.1	.1	.1	.1												2	2	11	11
24/ 23	.2	.2	.1	.1	.1	.1												2	2	7	7
22/ 21	.2	.2	.1	.1	.1	.1												2	2	5	5
20/ 19	.2	.2	.1	.1	.1	.1												2	2	8	8
18/ 17	.2	.2	.1	.1	.1	.1												2	2	2	2
16/ 15	.2	.2	.1	.1	.1	.1												2	2	3	3
14/ 13	.2	.2	.1	.1	.1	.1												2	2	1	1
TOTAL	1.9	6.0	23.9	14.6	6.7	4.4	1.7	.6										929	929	929	929

Element (X)	Σ X'	Σ X	Σ X ²	No. Obs.	Mean No. of Hours with Temperature					Total
					≥ 80 F	≥ 73 F	≥ 67 F	≥ 60 F	≥ 53 F	
Rel. Hum.	5560760	70254	75.6	16.385	929					
Dry Bulb	2075269	43565	46.9	5.901	929					93
Wet Bulb	1778935	40277	43.4	5.936	929					93
Dew Point	1475289	36213	39.0	8.284	929					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 723030 VANDENBERG AFB CA STATION NAME 64-73.78 YEARS 0300-0500 MONTH JAN
HOURS (L. S. T.)

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B. Dry Bulb	TOTAL 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	27-28	29-30				≥ 31
70/ 69					.3													3		
68/ 67						.2					.1							1		
66/ 63										.2								2		
62/ 61			.4	.1	.2													9		3
60/ 59		.5	.1	.1														7		4
58/ 57		.3	.1							.3	.2							9		8
56/ 55	.4	2.8	.4	.4	.4	.1				.1								39	39	11
54/ 53	.2	2.3	1.2	.9	.4	.8	.3	.1		.5	.1							59	59	22
52/ 51	.4	3.3	1.8	1.0	1.2	.6	.1	.2		.6	.1	.2						81	81	36
50/ 49	.6	6.3	2.8	2.1	2.4	.2	.1	.1		.2	.1	.1						133	133	33
48/ 47	.2	4.2	2.7	1.0	1.2	.3				.3								89	89	53
46/ 45	.2	6.2	2.7	2.0	.5	.5				.5								114	114	56
44/ 43	.2	4.0	3.6	2.6	.2	.2				.2								99	99	82
42/ 41	.1	3.1	3.9	3.1	.2	.1				.2	.1							98	98	79
40/ 39		2.9	3.3	1.0														67	67	66
38/ 37	.1	2.0	3.1	.4	.2					.2								58	58	64
36/ 35	.1	2.3	1.2															33	33	76
34/ 33		.9	.8															15	15	72
32/ 31		1.3	.5															17	17	69
30/ 29		.1	.2															3	3	80
28/ 27		.1																1	1	47
26/ 25																				2
24/ 23																				12
22/ 21																				4
20/ 19																				9
18/ 17																				3
16/ 15																				2
14/ 13																				3
TOTAL	2.003	28.414	6.7	2.9	.9	1.0	.1											932	932	932

Element (X)	Zx'	Zx	X	%	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	568179	70563	75.715	572	932						
Dry Bulb	1995193	42707	45.8	6.408	932	2.1					93
Wet Bulb	1713207	39523	42.4	6.319	932	4.7					93
Dew Point	1413703	38.0	8.410		932	27.6					93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 723030 VANDENBERG AFB SA STATION NAME 64-84 YEARS MONTH JAN
 PAGE 1 0000-0000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL D.B./W.B.	TOTAL 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	27-28	29-30
70/ 69					.1	.1											2	2
69/ 67					.1	.2											1	1
68/ 63					.1	.1											1	1
62/ 61		.2		.1													1	1
60/ 59	.1	.3	.2		.2												1	1
59/ 57	.1	.3	.3	.2	.2	.1											1	1
56/ 55	.1	.3	.3	.3	.2	.2	.1										1	1
50/ 53	.1	.3	.3	.3	.3	.3	.1										1	1
52/ 51	.1	.3	.3	.3	.3	.3	.1										1	1
50/ 49	.1	.3	.3	.3	.3	.3	.1										1	1
48/ 47	.1	.3	.3	.3	.3	.3	.1										1	1
46/ 45	.1	.3	.3	.3	.3	.3	.1										1	1
44/ 43	.1	.3	.3	.3	.3	.3	.1										1	1
42/ 41	.1	.3	.3	.3	.3	.3	.1										1	1
40/ 39	.1	.3	.3	.3	.3	.3	.1										1	1
38/ 37	.1	.3	.3	.3	.3	.3	.1										1	1
36/ 35	.1	.3	.3	.3	.3	.3	.1										1	1
34/ 33	.1	.3	.3	.3	.3	.3	.1										1	1
32/ 31	.1	.3	.3	.3	.3	.3	.1										1	1
30/ 29	.1	.3	.3	.3	.3	.3	.1										1	1
28/ 27	.1	.3	.3	.3	.3	.3	.1										1	1
26/ 25	.1	.3	.3	.3	.3	.3	.1										1	1
24/ 23	.1	.3	.3	.3	.3	.3	.1										1	1
22/ 21	.1	.3	.3	.3	.3	.3	.1										1	1
20/ 19	.1	.3	.3	.3	.3	.3	.1										1	1
18/ 17	.1	.3	.3	.3	.3	.3	.1										1	1
16/ 15	.1	.3	.3	.3	.3	.3	.1										1	1
14/ 13	.1	.3	.3	.3	.3	.3	.1										1	1
TOTAL	2.690	4.27	9.15	9	7.0	0.0	1.9	.3	.1								1285	1285

Element (X)	2 X ¹	2 X	X	°a	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.	199959	95633	79.4	16.085	1285							
Dry Bulb	2779345	59195	66.1	6.392	1285	2.0						93
Wet Bulb	236885	59557	42.5	6.399	1285	5.4						93
Dew Point	1931472	48548	37.8	8.705	1285	27.3						93

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 723910 VANDENBERG AFB CA STATION NAME 64-84 YEARS JAN MONTH
 HOURS (L. S. Y.) 0800-1800

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																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.	Wet Bulb Dew Point
82/ 06																		1	1
80/ 79									.1									1	1
78/ 79														.1				1	1
76/ 75								.1										1	1
70/ 73													.1					13	13
72/ 71									.1				.1					18	18
70/ 69								.1	.1				.1					16	16
68/ 67								.1	.1				.1					34	34
66/ 65			.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	42	42
64/ 63		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	51	51
62/ 61		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	74	74
60/ 59		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	135	135
58/ 57	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	203	203
56/ 55	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	220	220
54/ 53	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	236	236
52/ 51	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	213	213
50/ 49	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	172	172
48/ 47	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	128	128
46/ 45	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	77	77
44/ 43	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	33	33
42/ 41	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	26	26
40/ 39	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	6	6
38/ 37	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	5	5
36/ 35	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1	1
34/ 33																		9	9
32/ 31																		108	108
30/ 29																		61	61
28/ 27																		96	96
26/ 25																		36	36
24/ 23																		19	19
22/ 21																		24	24
20/ 19																		6	6
18/ 17																		5	5
16/ 15																		8	8

Element (X)	2 X'				2 X				No. Obs.	Mean No. of Hours with Temperature				Total
	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F						
Rel. Hum.														
Dry Bulb														
Wet Bulb														
Dew Point														

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 723000 VANDENBERG AFB CA STATION NAME 64-84 YEARS 64-84 MONTH JAN
 PAGE 2 0000-1100 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
147 13																					3
324 13																					1
TOTAL	0.00	0.20	0.16	0.10	0.2	0.6	1.0	1.5	2.0	2.0	0.2	0.2	0.2	0.1			1704	1705	1704	1700	

Element (X)	2 X			X	° F	No. Obs.	Mean No. of Hours with Temperature					Total		
	2 X	X	° F				≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F		≥ 93 F	
Rel. Hum.	7092880	107570	63.1	20.302	1704									
Dry Bulb	3101070	9299	50.5	6.102	1705						0.5	1.1		0.1
Wet Bulb	3972275	81793	80.0	5.850	1704									
Dew Point	2955789	69411	40.7	8.683	1704				19.7					

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/WAC

PSYCHROMETRIC SUMMARY

730000 VANDENBERG AFB CA STATION NAME

69-89 YEARS

04M MONTH

PAGE 1 1000-2400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL 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	27-28	29-30				
84F 03																		1	1	
82F 02																		2	2	
80F 79																		6	6	
78F 77																		19	19	
76F 75																		24	24	
74F 73																		36	36	
72F 71																		32	32	
70F 69																		82	82	
68F 67																		61	61	
66F 65																		86	86	
64F 63																		106	106	
62F 61																		165	165	
60F 59																		199	199	
58F 57																		276	276	
56F 55																		260	260	
54F 53																		192	192	
52F 51																		130	130	
50F 49																		98	98	
48F 47																		10	10	
46F 45																		11	11	
44F 43																				
42F 41																				
40F 39																				
38F 37																				
36F 35																				
34F 33																				
32F 31																				
30F 29																				
28F 27																				
26F 25																				
24F 23																				
22F 21																				
20F 19																				
18F 17																				

Element (X)	2X'	X	σs	No. Obs.	Mean No. of Hours with Temperature				
Rel. Hum.					≤ 0 F	≤ 32 F	≤ 67 F	≤ 93 F	Total
Dry Bulb									
Wet Bulb									
Dew Point									

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MSC

PSYCHROMETRIC SUMMARY

723928 STATION NAME YANKEEBURG AFB GA

64-89

YEARS

MM

PAGE 1 1500-0170
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.	Wet Bulb	Dew Point
82/ 81																		1	1	
80/ 79										.1								1	1	
78/ 77										.1								6	6	
76/ 75										.2				.2				8	8	
74/ 73										.1				.3				12	12	
72/ 71										.2				.2				15	15	
70/ 69										.2				.3				26	26	
68/ 67										.4				.4				32	32	
66/ 66										.6				.5				56	57	3
64/ 63										.5				.1				59	61	5
62/ 61										.3				.3				113	113	1
60/ 59										.6				.1				189	189	4
58/ 57										.7				.4				260	260	26
56/ 55										.5				.1				283	283	54
54/ 53										.3				.1				268	278	59
52/ 51										.5				.1				198	198	101
50/ 49										.4				.1				185	185	210
48/ 47										.1				.1				90	90	199
46/ 45										.2				.2				12	12	188
44/ 43										.1				.1				1	1	162
42/ 41										.1				.1				1	1	169
40/ 39																				118
38/ 37																				98
36/ 35																				83
34/ 33																				59
32/ 31																				46
30/ 29																				32
28/ 27																				23
26/ 25																				13
24/ 23																				10
22/ 21																				5
20/ 19																				4
18/ 17																				1

Element (X)	Z X'	Z X	K	%	No. Obs.	Mean No. of Hours with Temperature				Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 93 F	
Rel. Hum.										
Dry Bulb										
Wet Bulb										
Dew Point										

GLOBAL CLIMATOLOGY BRANCH
USAF/AFAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 STATION VANDENBERG AFB CA STATION NAME 69-75.79-84 YEARS 1979-2000 MONTH JAN

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL D.B./W.B.	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	27-28
70/ 73						.1											1	1	
72/ 71						.1											2	2	
68/ 67				.1						.1							3	3	
66/ 65				.1						.1							2	2	
64/ 63				.1						.1							2	2	
62/ 61				.1						.1	.3						4	4	
60/ 59	.2	1.1		.1	.2	.1	.1	.4	.2								24	24	5
58/ 57	.1	.9	.3	.4	.5	.4	.4	.4	.2								34	35	14
56/ 55	.5	3.0	1.0	.7	1.2	1.2	.6	.1									95	95	14
54/ 53	.4	5.5	3.1	1.4	1.1	1.0	.6	.2									150	150	31
52/ 51	.1	9.2	6.7	1.4	1.2	.4	.3										221	221	64
50/ 49	.5	7.3	7.0	2.0	1.4	.1	.2										220	220	188
48/ 47	.2	4.9	3.8	2.0	.9	.1											136	136	128
46/ 45		3.0	4.1	1.6	.4	.2											108	108	132
44/ 43		1.5	2.4	1.8	.3												68	68	134
42/ 41		.4	1.1	.8	.2												33	33	111
40/ 39		.5	.8	.4													20	20	62
38/ 37		.2	.4														6	6	83
36/ 35		.4	.4														8	8	24
34/ 33																			10
32/ 31																			2
30/ 29																			18
28/ 27																			9
26/ 25																			7
24/ 23																			6
22/ 21																			1
20/ 19																			1
18/ 17																			1
TOTAL	2.038	330.914	.2	7.5	3.6	2.6	.7	.1	.2								1136	1137	1136

Element (X)	Z X'	Z X	Y	Y'	No. Obs.	Mean No. of Hours with Temperature				Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	6786508	85792	75.5	15.568	1136						
Dry Bulb	2871464	56878	50.0	4.799	1137			.5	.1		93
Wet Bulb	2454799	52515	46.2	4.890	1136		.2				93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723030 YANDEBERG AFB CA

64-75

YEARS

JAN

STATION NAME

PAGE 1 2100-0300
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.	Wet Bulb	Dew Point
70/ 69					.3													3	3	
66/ 65			.2															2	2	
64/ 63		.3																1	1	
62/ 61		.6					.2											5	5	4
60/ 59		.6		.2		.2	.1	.4										12	12	9
58/ 57		.6	.6	.2	.2	.7	.4	.3										25	25	18
56/ 55		1.0	.6	.6	.6	.7	.2	.3										53	53	13
54/ 53		1.5	.8	1.1	.6	1.3	.3	.2										101	101	24
52/ 51	.6	2.0	2.0	2.0	1.7	.9	.4	.4										143	143	66
50/ 49	.3	2.5	2.5	2.5	1.7	.2	.3	.3										209	209	48
48/ 47	.3	2.0	2.0	2.0	1.0	.1	.1	.1										143	143	81
46/ 45	.2	3.2	1.9	.5	.4	.4	.1	.1										115	115	118
44/ 43	.2	2.5	1.7	.4	.4	.1												99	99	105
42/ 41	.2	2.5	1.0	.4	.4													72	72	82
40/ 39	.2	2.1	.8		.8													56	56	105
38/ 37	1.0	1.3	.3		.3													34	34	75
36/ 35	.6	.6	.1		.1													16	16	79
34/ 33	.1	.2			.2													3	3	76
32/ 31	.1	.1			.1													2	2	70
30/ 29																				68
28/ 27																				26
26/ 25																				7
24/ 23																				14
22/ 21																				12
20/ 19																				6
18/ 17																				2
16/ 15																				1
TOTAL	2.306	223.4	9.6	7.3	3.4	1.7	1.0											1089	1089	1089

Element (X)	2X ¹	2X	X	C _h	No. Obs.	Mean No. of Hours with Temperature					Total
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	
Rel. Hum.	6613307	83035	76.2	16.0	1089						93 F
Dry Bulb	2534662	52198	47.9	5.4	1089	.2					93
Wet Bulb	2183027	48379	44.4	5.5	1089	1.1					93
Dew Point	1831905	43807	40.2	8.0	1089	17.6					93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MSC

PSYCHROMETRIC SUMMARY

723930 STATION

VANDENBERG AFB CA STATION NAME

64-84

YEARS

JAN MONTH

PAGE 1

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL 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	27-28	29-30		
84/ 03																	1	1
82/ 01																	0	0
80/ 79																	26	26
78/ 77																	36	36
76/ 75																	62	62
74/ 73																	61	62
72/ 71																	93	93
70/ 69																	136	136
68/ 67																	188	188
66/ 65																	225	227
64/ 63																	376	376
62/ 61																	585	585
60/ 59																	882	882
58/ 57																	1870	1870
56/ 55																	1868	1868
54/ 53																	1200	1200
52/ 51																	1161	1161
50/ 49																	810	810
48/ 47																	720	720
46/ 45																	531	531
44/ 43																	425	425
42/ 41																	305	305
40/ 39																	199	199
38/ 37																	123	123
36/ 35																	56	56
34/ 33																	34	34
32/ 31																	17	17
30/ 29																	2	2
28/ 27																	1	1
26/ 25																	119	119
24/ 23																	88	88
22/ 21																	49	49
20/ 19																	20	20
18/ 17																		

REVISD REVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OL A)

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/WAC

PSYCHROMETRIC SUMMARY

72590 STATION VANDENBERG AFB CA STATION NAME

64-84 YEARS

JAN MONTH

PAGE 2

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												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	
167 88																						17
167 88																						18
127 81																						1
TOTAL	1.528	923.516	310.9	7.2	5.1	3.1	1.5	.8	.6	.3	.2	.1	.0				10473	10473	10473	10473	10473	

Element (X)	Σ X			X	%	No. Obs.	Mean No. of Hours with Temperature							
	Σ X'	Σ X	Σ X				≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	Total		
Rel. Hum.	53958961	720917	68.81	9.134	10473									
Dry Bulb	28950220	504668	52.0	7.799	10478			3.8	30.4	9.7				749
Wet Bulb	23242061	489095	46.7	6.192	10473			11.1						749
Dew Point	18200264	427760	40.8	8.342	10473			135.5						749

PSYCHROMETRIC SUMMARY

STATION 123930 VANDENBERG AFB CA STATION NAME 60-73 YEARS SEA MONTH 0800000200
 PAGE 1 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
60-65						.1												1	1		
62-64				.1						.1								2	2		
60-69			.1	.1						.1								0	0		
50-67		.1	.1	.1						.1								1	1		
50-66		.2	.1	.1	.1					.2								0	0		2
50-63		.1	.1	.1	.1	.1				.1								0	0		18
52-61		.6	.6	.6	.6	.5				.1								0	0		37
50-69		.1	.1	.1	.1	.1				.1								0	0		35
60-67		.2	.2	.2	.2	.1				.1								0	0		95
60-68		.1	.1	.1	.1	.1				.1								0	0		105
60-63		.2	.2	.2	.2	.1				.1								0	0		88
62-61		.2	.2	.2	.2	.1				.1								0	0		88
60-69		.4	.4	.4	.4	.1				.1								0	0		77
30-63		.6	.6	.6	.6	.1				.1								0	0		63
30-63		.6	.6	.6	.6	.1				.1								0	0		35
32-63																					35
30-69																					27
28-67																					12
26-65																					14
24-63																					10
22-61																					5
20-69																					6
18-67																					5
16-65																					4
TOTAL		1.355	0.21	0.4	0.7	6.5	3.5	1.1	.5									849	849		849

Element (X)	Z X'	Z X	X	X'	No. Obs.	Mean No. of Hours with Temperature					Total
						≥ 32 F	≥ 30 F	≥ 27 F	≥ 23 F	≥ 19 F	Total
Rel. Hum.	5031694	66636	78.5	15.018	849						849
Dry Bulb	1930400	60282	67.4	9.789	849						849
Wet Bulb	1689465	37641	64.3	9.932	849						849
Dew Point	1449093	34457	40.6	7.416	849	11.7					849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72398 STATION NAME
VANDENBERG AFB CA

60-73.81.89

YEARS

MONTH

PAGE 3 0800-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																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.	Wet Bulb	Dew Point
62/ 61					.02					.01								3	3	
60/ 59										.01								3	3	
58/ 57		.02								.02								7	7	
56/ 55		1.0	.01	.06	.02					.05								32	32	1
54/ 53		4.0	1.0	.2	.06					.02								52	52	12
52/ 51		5.0	2.0	.0	.02					.02								73	73	32
50/ 49		6.0	2.0	1.0	.04					.02								119	119	30
48/ 47		8.0	3.0	1.0	.09					.04	.01							130	130	88
46/ 45	.02	7.0	3.0	1.0	1.02	.06				.06								120	120	91
44/ 43		5.0	4.0	1.02	.04	.02				.02								96	96	90
42/ 40	.02	6.0	2.0	1.0	1.02					.02								102	102	61
40/ 39	.02	2.0	2.0	.0	.06					.06								63	63	87
38/ 37		1.0	.0	.04	.01					.01								20	20	87
36/ 35		1.0	1.0	.01														22	22	61
34/ 33		.0																3	3	40
32/ 31																				14
30/ 29																				2
28/ 27																				25
26/ 25																				10
24/ 23																				10
22/ 21																				9
20/ 19																				8
18/ 17																				4
TOTAL		655.025	210.3	6.0	2.5	.5												853	853	853

Element (X)	24'	24'	24'	24'	24'	24'	24'	24'	24'	24'	24'	24'	24'	24'	24'	24'	24'	Mean No. of Hours with Temperature			
																		≥ 60 F	≥ 67 F	≥ 73 F	≥ 93 F
Rel. Hum.	508946	67068	70.414	215	853																
Dry Bulb	182878	39522	46.3	5.013	853																89
Wet Bulb	1626264	36972	43.3	5.282	853																89
Dew Point	1389613	33829	39.7	7.509	853																89

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12398 STATION **YAMMERSBERG AFB CA** STATION NAME **65-85** YEARS **65** MONTH **08**

PAGE 1 **0000**
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																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.	Wet Bulb	Dew Point
64/ 63					.1													1	1	
67/ 61				.2														2	2	
69/ 59		.1	.1	.2		.2		.1										18	18	1
59/ 57		.3	.2	.3		.4		.3										18	18	1
56/ 55	.3	.6	1.0	.3	.3	.4		.4										49	49	13
59/ 57	.3	.5	1.0	.7	.7	.9		.9										96	96	23
53/ 52	.3	3.0	2.0	.8	.8	.3		.3										90	90	45
50/ 49	.4	4.0	4.0	1.4	.8	.4		.4										173	173	58
40/ 47	.4	4.2	3.2	2.3	1.2	.4	.2											187	187	97
40/ 45	.4	4.8	4.3	1.6	1.4	.4		.4										169	169	132
40/ 43	.4	4.4	3.2	1.9	.8	.3		.3										232	232	832
42/ 42	1.2	3.6	3.2	1.4	.3	.2		.2										114	114	91
40/ 39	.4	2.8	2.4	.8	.5	.1		.1										79	79	321
30/ 37	.1	1.2	1.0	.4	.1													33	33	91
36/ 36	.1	.1	1.1	.1	.1													22	22	96
30/ 33	.1	.3	.2															7	7	71
32/ 31																				26
30/ 29																				2
28/ 27																				35
26/ 25																				30
24/ 23																				10
22/ 21																				11
20/ 19																				10
18/ 17																				8
16/ 15																				2
TOTAL	4.203	6.28	6.12	4	6.5	3.6	.8	.2									1181	1181	1181	

Element (X)	2 X'	2 X	X	%	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	
Rel. Hum.	2331879	91260	77.315	801	1181						
Dry Bulb	2617918	55262	46.8	5.172	1181						69
Wet Bulb	2273542	51430	43.5	5.358	1181		1.6				84
Dew Point	1917807	46709	39.6	7.727	1181		15.8				89

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR NUMBER SENSORCE/MAC

PSYCHROMETRIC SUMMARY

72393 STATION VANDENBERG AFB CA

69-84

YEARS

FEA MONTH

PAGE 1 0000-1100 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
70/ 70																		2	2		
75/ 70																		3	3		
70/ 73																		5	5		
70/ 74																		6	6		
70/ 69																		14	14		
60/ 67																		26	26		
60/ 65																		36	36		
60/ 63																		62	62		
60/ 61																		97	97		
60/ 60																		149	149		
50/ 67																		209	209		
50/ 66																		245	245		
50/ 63																		220	220		
50/ 61																		233	233		
50/ 60																		145	145		
60/ 61																		58	58		
60/ 65																		31	31		
60/ 63																		10	10		
62/ 61																		2	2		
60/ 59																		25	25		
50/ 57																		145	145		
50/ 56																		58	58		
50/ 53																		31	31		
50/ 51																		10	10		
50/ 49																		2	2		
60/ 59																		25	25		
60/ 57																		112	112		
60/ 55																		13	13		
60/ 53																		1	1		
62/ 61																		61	61		
60/ 59																		52	52		
50/ 57																		42	42		
50/ 55																		28	28		
50/ 53																		18	18		
50/ 51																		14	14		
50/ 49																		0	0		
50/ 47																		6	6		
50/ 45																		4	4		
50/ 43																		1	1		
50/ 41																		2	2		
50/ 39																		2	2		

Element (X)	Mean No. of Hours with Temperature				Total
	≥ 0 F	≥ 32 F	≥ 67 F	≥ 93 F	
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 723930 YANDEBERG AFB CA STATION NAME 64-84 YEARS MONTH SEP

PAGE 2 0900-1100
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												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	
TOTAL	1.018	2.21	2.19	0.12	7.10	9	7.8	4.4	1.9	1.1	0.6	0.1					1554	1554	1554	1554		
Rel. Hum.	72.9148				101530		65.319	42.1		1554												
Dry Bulb	4837538				84304		55.5	5.353		1554											84	
Wet Bulb	3815599				76705		49.4	4.356		1554											84	
Dew Point	2942607				56513		42.8	7.853		1554											84	
												Mean No. of Hours with Temperature										
												= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total				
														3.0	0.5							
												No. Obs.										
												101530	65.319	42.1	1554							
												84304	55.5	5.353	1554							
												76705	49.4	4.356	1554							
												56513	42.8	7.853	1554							

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72390 VANDENBERG AFB CA STATION NAME

64-84

YEARS

FEB MONTH

PAGE 1 1200-0000 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
84/ 83																		1	1		
82/ 81																		1	1		
80/ 79																		3	3		
78/ 77																		3	3		
76/ 75																		0	0		
74/ 73																		18	18		
72/ 71																		15	15		
70/ 69																		39	39		
68/ 67																		48	48		
66/ 65																		95	95		
64/ 63																		142	142		
62/ 61																		164	164		
60/ 59																		262	262		3
58/ 57																		281	281		10
56/ 55																		241	241		48
54/ 53																		143	143		100
52/ 51																		59	59		147
50/ 49																		11	11		203
48/ 47																		4	4		165
46/ 45																		7	7		211
44/ 43																		1	1		329
42/ 41																					141
40/ 39																					105
38/ 37																					68
36/ 35																					54
34/ 33																					53
32/ 31																					36
30/ 29																					20
28/ 27																					12
26/ 25																					11
24/ 23																					6
22/ 21																					9
20/ 19																					5
18/ 17																					6
Element (X)	2 X'	2 X	X	%	No. Obs.	Mean No. of Hours with Temperature											Total				
Ref. Num.						= 0 F = 32 F = 67 F = 73 F = 80 F = 93 F											Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 723930 VANDENBERG AFB CA STATION NAME 64-84 YEARS FEB MONTH
 HOURS (L. S. T.) 1500-2100

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																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	TOTAL D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
80/ 99											.1							1						
78/ 97											.1							3						
76/ 95									.1		.1							3						
74/ 93									.1		.1							2						
72/ 91								.1		.2								4						
70/ 89						.1		.1		.1								15	15					
68/ 87					.1	.1		.3		.1								24	24					
66/ 85			.1		.3	.6		.8		.2								55	55					
64/ 83			.2	1.0	.8	.8		.8		.3								72	72					
62/ 81		.2	1.2	1.3	1.5	.5	1.2	.4		.1								99	99		2			
60/ 79		.7	3.4	3.8	1.8	1.6	1.3	.5	.1	.1								211	211	20				
58/ 77		1.8	5.8	5.1	3.6	1.6	.5	.3	.1									288	288	77	9			
56/ 75	.2	2.7	7.2	5.7	2.3	.8	.3	.1										293	293	162	43			
54/ 73	.4	2.5	6.7	4.6	1.6	.5	.1											216	246	264	101			
52/ 71	.4	2.1	5.0	2.0	1.0	.1												162	162	334	160			
50/ 69	.1	1.0	1.0	1.0														49	49	390	205			
48/ 67		.1	.1	.1														5	5	202	244			
46/ 65		.1	.3	.1														7	7	95	189			
44/ 63			.1															2	2	38	165			
42/ 61																								
40/ 59																								
38/ 57																								
36/ 55																								
34/ 53																								
32/ 51																								
30/ 49																								
28/ 47																								
26/ 45																								
22/ 41																								
20/ 39																								
16/ 35																								
14/ 33																								
12/ 31																								
10/ 29																								
28/ 27																								
26/ 25																								
22/ 21																								
20/ 19																								
16/ 15																								
14/ 13																								
12/ 11																								
10/ 9																								
Element (X)	2 X'		2 X		Y		Y		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																								

GLOBAL CLIMATOLOGY BRANCH
 USAF/AFAC
 AIR WEATHER SERVICE/WAC

PSYCHROMETRIC SUMMARY

STATION 723930 YANBENBERG AFB CA STATION NAME 64-84 YEARS FEB MONTH

PAGE 2 1999-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL D.B./W.B.	TOTAL Wet Bulb	TOTAL 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	27-28	29-30	≥ 31	
TOTAL	0.0	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	1541	1541	1541	
Rel. Hum.																					
Dry Bulb																					
Wet Bulb																					
Dew Point																					
Element (X)	2x1	2x1	2x1	2x1	2x1	2x1	2x1	2x1	2x1	2x1	2x1	2x1	2x1	2x1	2x1	2x1	2x1	2x1	2x1	2x1	2x1
Rel. Hum.	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
Dry Bulb	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
Wet Bulb	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
Dew Point	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
												Mean No. of Hours with Temperature									
												≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
												1541	1541	2.8	0.5	0.1		84			
												1541	1541					84			
												1541	1541					84			
												1541	1541	3.2				84			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 VANDENBERG AFB CA STATION NAME
64-75, 80-84 YEARS
1800-2000 MONTH
FEB

PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL 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	27-28
66/ 65							.2										2	2	
60/ 63				.1			.5										6	6	
62/ 61							.2										4	4	
60/ 59			.4	.2			.1										11	11	
58/ 57		.5	1.1	.3			.7										31	31	2
56/ 55		3.5	2.7	.8	.7		.6	.2	.4								87	87	16
54/ 53	.4	5.2	6.1	1.4	1.3	.4	.2	.1									153	153	60
52/ 51	.3	11.0	10.9	1.2	.6	.8	.5	.1									249	249	101
50/ 49	.3	11.0	11.1	3.2	.5	.4											258	258	101
48/ 47	.5	5.4	2.9	1.8	.4	.1	.1										105	105	189
46/ 45	2.4	1.8	.5	.4													50	50	157
44/ 43	.7	.2	.2	.2													11	11	133
42/ 41	.2	.4															6	6	100
40/ 39																			73
38/ 37																			44
36/ 35																			30
34/ 33																			22
32/ 31																			7
30/ 29																			14
28/ 27																			7
26/ 25																			4
24/ 23																			6
22/ 21																			1
20/ 19																			2
18/ 17																			1
16/ 15																			1
14/ 13																			1
10/ 9																			1
TOTAL	1.0	1.0	37.2	9.9	4.5	3.9	1.5	.7	.1	.1							973	973	973

Element (X)	Z X'		X	%	No. Obs.	Mean No. of Hours with Temperature					Total
	2 X'	Z X				= 0 F	= 32 F	= 67 F	= 80 F	= 93 F	
Rel. Hum.	6091968	75460	77.6	13.9	973						
Dry Bulb	2558857	49791	51.2	3.3	973						84
Wet Bulb	2220476	46363	47.6	3.4	973						84
Dew Point	1912285	42741	43.9	5.9	973	3.9					84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930
STATION

VANDENBERG AFB CA
STATION NAME

64-74.77

YEARS

FEB
MONTH

PAGE 1 23000-3100
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	
66/ 65					.1												1	1				
69/ 63				.1													2	2				
62/ 61								.1									1	1				
60/ 59				.1				.3	.1								11	11				
58/ 57	.7	.6	.1	.2	.2			.1									17	17	2	2		
56/ 55	2.5	1.0	.3	.2	.4	.1											42	42	11	3		
54/ 53	3.6	2.4	.3	.6	.1												64	64	36	23		
52/ 51	7.4	3.5	1.4	.4	.3	.1											120	120	64	32		
50/ 49	.1	.0	7.2	1.9	1.2	.9	.1										230	230	122	63		
48/ 47	.2	9.6	2.9	1.0	1.0	.4	.1										145	145	147	114		
46/ 45	.1	7.5	3.2	1.4	1.7	.7											132	132	168	122		
44/ 43	.1	5.6	1.5	1.2	.1	.3											80	80	100	124		
42/ 41	.1	2.6	1.2	.3													39	39	103	113		
40/ 39		1.3	.8		.1	.1											21	21	65	81		
38/ 37		.1															1	1	44	62		
36/ 35																			14	52		
34/ 33																			2	32		
32/ 31																			2	21		
30/ 29																				19		
28/ 27																				19		
26/ 25																				7		
24/ 23																				3		
22/ 21																				4		
20/ 19																				3		
18/ 17																				5		
16/ 15																				3		
14/ 13																				1		
TOTAL	.655	.124	.3	9.1	5.6	4.2	.8	.2	.2								906	906	906	906		

Element (X)	2 X'	2 X	X	e _a	No. Obs.	Mean No. of Hours with Temperature					Total
						= 0 F	= 32 F	= 67 F	= 80 F	= 93 F	
Rel. Hum.	5809946	71322	78.7	14.692	906						
Dry Bulb	2161319	44091	48.7	4.153	906						84
Wet Bulb	1894185	41237	45.5	4.368	906						64
Dew Point	1532483	37955	41.9	6.848	906						84

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 STATION NAME
 VANDENBERG AFB CA

64-84

YEARS

FEB
 MONTH

PAGE 1

001
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL D.B./W.B.	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	27-28	29-30	31	Dry Bulb			
80/ 83																		1	1		
82/ 81																		1	1		
80/ 79																		4	4		
78/ 77																		8	8		
76/ 75																		14	14		
76/ 73																		25	25		
72/ 71																		25	25		
70/ 69																		68	68		
68/ 67																		98	98		
66/ 65																		190	190		
64/ 63																		285	285	2	
62/ 61																		372	372	17	
60/ 59																		660	660	75	
58/ 57																		864	864	253	
56/ 55																		1029	1029	506	
54/ 53																		1027	1027	948	
52/ 51																		1091	1091	1197	
50/ 49																		1127	1127	1493	
48/ 47																		763	763	1446	
46/ 45																		646	646	1128	
44/ 43																		439	439	700	
42/ 41																		390	390	680	
40/ 39																		195	195	413	
38/ 37																		69	69	304	
36/ 35																		52	52	157	
34/ 33																		10	10	88	
32/ 31																				41	
30/ 29																				5	
28/ 27																					
26/ 25																					
24/ 23																					
22/ 21																					
20/ 19																					
18/ 17																					
Element (X)	2 X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Rel. Hum.	Mean No. of Hours with Temperature																Total				
Dry Bulb	= 0 F																= 80 F		= 93 F		
Wet Bulb																					
Dew Point																					

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 STATION VANDENBERG AFS CA STATION NAME YEARS 64-84 MONTH FEB

PAGE 2 HOURS (L. S. T.) ALL

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
16/ 15																					15
19/ 13																					7
22/ 11																					5
10/ 9																					2
TOTAL	1.431	0.25	7.16	5.5	9.7	6.7	4.3	2.4	1.2	0.5	0.4	0.3	0.0				9403	9404	9403	9403	

Element (X)	Σ X		Σ X ²	Σ X ³	Σ X ⁴	No. Obs.	Mean No. of Hours with Temperature				Total	
	2 X	X					X ²	X ³	≥ 0 F	≥ 32 F		≥ 67 F
Rel. Hum.	5016	9516	71.3	17.889	9403							
Dry Bulb	2649	9151	52.6	6.866	9404					17.4	3.8	0.4
Wet Bulb	2173	8656	47.8	5.422	9403					3.3		
Dew Point	1759	0281	42.6	7.482	9403					68.3		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WORKER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723980 STATION VANDENBERG AFB CA STATION NAME 64-73, 78, 82, 84 YEARS MAR MONTH

PAGE 1 0300-0500 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
62/ 64					.1													1	1		
63/ 64				.1	.3													5	5		
50/ 67		.3	.3	.3	.2													10	10		
50/ 68		1.3	.1	.3	.9	.2												27	27		11
50/ 68		1.2	1.2	.5	.6	.3												37	37		13
50/ 68		5.9	2.0	1.0	.4	.2												96	96		22
50/ 68		3.8	3.7	1.0	.5	.3												187	187		98
50/ 67		3.3	2.7	2.0	.5	.3												163	163		103
55/ 68		.2	0.4	0.8	1.2	.2												142	142		100
55/ 68		.2	2.2	3.1	.6	.3												94	94		128
55/ 68		.7	3.2	3.7	.8	.2												79	79		136
50/ 69		.4	0.4	1.4	.8	.2												60	60		94
50/ 59		.2	1.0	.4	.1	.1												23	23		76
56/ 58		.4	.4	.5	.2	.1												11	11		28
50/ 53		.1	.2	.1	.1	.1												3	3		86
52/ 51		.1	.1	.1	.1	.1												2	2		33
50/ 29																					3
28/ 27																					7
26/ 25																					14
24/ 23																					2
22/ 21																					1
20/ 19																					1
18/ 17																					2
16/ 15																					10
TOTAL	2.654	120.3	8.9	4.1	1.4	.5												940	940		940

Element (X)	Σ X'	Σ X	X̄	S ²	No. Obs.	Mean No. of Hours with Temperature					Total
						≥ 80 F	≥ 73 F	≥ 67 F	≥ 60 F	≥ 53 F	
Rel. Hum.	6232034	75644	80.5	12.9	17	940					940
Dry Bulb	2079157	43991	66.8	4.8	64	940					93
Wet Bulb	1843103	41399	44.0	4.5	95	940					93
Dew Point	1602594	38378	40.8	6.1	67	940					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72000 VANDENBERG AFB CA
STATION NAME

64-84

YEARS

NOV
MONTH

PAGE 1 0800-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL Wet Bulb	TOTAL 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	27-28	29-30			
60/ 65						.1	.1	.1									1	1	
60/ 63						.1	.1	.1									3	3	
62/ 61				.2	.2	.1	.2	.2	.1								12	12	
60/ 59			.2	.4	.1	.4	.1	.1									20	20	
58/ 57		.2	1.1	.5	.9	.3	.2										53	53	3
56/ 55	.4	1.2	1.1	.6	.6	.4	.1										68	68	32
50/ 53	.1	2.0	2.4	1.0	1.0	.4	.1										101	101	46
52/ 51	.5	5.5	5.1	1.9	.7	.1	.1										188	188	98
50/ 49	.4	9.3	5.8	2.0	1.3	.8											269	265	169
48/ 47	.1	9.1	2.9	1.6	.5	.3	.1										204	204	242
46/ 48	.8	6.6	2.5	.8	.2	.3											149	149	242
44/ 43	.3	9.3	2.8	.4	.1	.1											111	111	157
42/ 41	.4	8.0	2.2	.8	.1												85	85	148
40/ 39	.5	1.5	1.0	.5													48	48	101
38/ 37	.3	1.0	.1	.3													24	24	63
36/ 35	.1	.4	.2	.1													11	11	24
30/ 33		.1	.1	.1	.1												4	4	16
32/ 31																	5	5	30
30/ 29																	2	2	19
28/ 27																	1	1	20
26/ 25																			16
20/ 23																			9
20/ 19																			5
18/ 17																			2
16/ 15																			3
TOTAL	4.7	45.5	527.7	111.6	5.7	3.4	1.1	.2									1346	1345	1345

Element (X)	2 X'	2 X	X	X ²	No. Obs.	Mean No. of Hours with Temperature				Total
						= 0 F	= 32 F	= 67 F	= 80 F	
Rel. Hum.	8655029	106137	78.9	6.421	1345					
Dry Bulb	3208113	65321	48.9	5.109	1346					93
Wet Bulb	2799596	61324	45.4	4.793	1345		.6			93
Dew Point	2412991	56285	41.8	6.547	1345		7.2			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 STATION YANBENBERG AFB CA YEARS 64-84 MONTH MAR
 PAGE 1 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			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	TOTAL
00/ 03																			1	1		
00/ 70												.1							2	2		
70/ 70								.1											3	3		
70/ 70								.1											5	5		
70/ 70								.1											7	7		
72/ 78								.1											18	18		
70/ 69					.1			.1											27	27		
68/ 67					.2			.5											31	31		
60/ 60				.3	.3			.6											55	55		
60/ 63			.2	.5	1.2			.9											83	83		
62/ 61		.5	1.0	2.1	1.0	1.2		.9											128	128	19	1
68/ 69		.7	2.0	2.6	1.7	1.1		1.0											166	166	33	3
58/ 57		1.4	3.3	3.0	3.4	1.4		.8		.4									240	240	79	16
56/ 55		1.9	4.7	5.3	2.3	1.3		.7		.3									297	297	178	97
50/ 53		2.5	4.5	5.1	2.7	1.0		.3		.1									286	286	213	79
52/ 51		3.6	3.9	2.6	1.7	.5		.2		.1									224	224	298	119
50/ 49		2.0	1.9	1.0	.6	.4		.1											108	108	353	226
08/ 07		.9	.9	.5	.1			.1											42	42	272	209
06/ 05		.6	.2	.2	.1														21	21	166	220
00/ 03		.2	.1																4	4	89	209
02/ 02			.1																1	1	38	173
00/ 39																					13	114
38/ 37																					4	92
36/ 38																						65
30/ 33																						56
32/ 31																						22
30/ 29																						25
28/ 27																						20
26/ 25																						17
24/ 23																						7
22/ 21																						6
20/ 19																						2
18/ 17																						1
16/ 18																						1
Element (X)	2 X'		2 X		X		%		No. Obs.		Mean No. of Hours with Temperature						Total					
Rel. Hum.											≤ 0 F		≤ 32 F		≤ 67 F		≤ 80 F		≤ 93 F			
Dry Bulb																						
Wet Bulb																						
Dew Point																						

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72000 WASSERBERG AFB CA
STATION NAME

64-84

YEARS

MAR
MONTH

PAGE 1 1200-1000
HOURS (L. S. T.)

Temp. (P)	WET BULB TEMPERATURE DEPRESSION (F)																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
80/ 87														.1				1	1		
80/ 85															.1			2	2		
80/ 79						.1												5	5		
70/ 79					.1													6	6		
70/ 78								.1										1	1		
70/ 73								.1										6	6		
72/ 71						.1		.2										23	23		
70/ 69			.1		.1			.2										32	32		
68/ 67			.2		.2		.1	.5										41	41		
66/ 65			.2	.2	.2	.3	.6	.7	.2	.1								80	80		4
64/ 63	.1	.4	1.6	2.3	2.3	1.8	1.4	.5	.1	.1								142	143		2
62/ 61	.2	1.3	3.3	2.7	2.7	2.0	.8	.3	.5	.1								192	193		15
60/ 59	.9	2.0	5.4	3.7	3.7	1.4	.5	.4	.1									251	252		46
58/ 57	1.4	3.9	7.4	4.4	4.4	1.2	.7	.1										333	333		121
56/ 55	1.0	3.5	5.7	4.5	4.5	.4	.4	.2										289	289		244
50/ 53	.3	1.9	3.1	3.8	2.2	.6	.1											209	209		296
52/ 51	.1	.7	1.6	1.6	.4	.2												79	79		376
50/ 48	.1	.2	.9	.1	.3													27	27		224
48/ 47	.1	.3	.1		.1													9	9		214
46/ 43		.1																1	1		106
42/ 41																		1	1		21
40/ 39																					9
38/ 37																					1
36/ 35																					115
34/ 33																					81
32/ 31																					52
30/ 29																					31
28/ 27																					18
26/ 25																					14
24/ 23																					17
22/ 21																					11
20/ 19																					6
20/ 19																					3
20/ 19																					1

Element (X)	Σ X ²	Σ X	X̄	σ _A	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 80 F		
Rel. Hum.										Σ 93 F	Total
Dry Bulb											
Wet Bulb											
Dew Point											

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR SUPPORT SERVICES/AMC

PSYCHROMETRIC SUMMARY

STATION YANKEEBURG AFB GA STATION NAME

64-84

YEARS

MONTH MAR

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL 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	27-28	29-30
66/ 05														.1			1	1		
69/ 03														.1			1	1		
78/ 77														.1			3	3		
70/ 73														.1			6	6		
70/ 73														.1			5	5		
72/ 78														.1			8	8		
70/ 60														.1			3	3		1
68/ 67														.1			18	18		1
66/ 64														.1			37	37		1
69/ 63														.1			66	66		1
62/ 61														.1			128	128		7
68/ 59														.1			190	191		37
58/ 57														.1			298	298		60
56/ 55														.1			382	383		153
50/ 53														.1			309	310		289
52/ 51														.1			198	198		158
50/ 49														.1			54	54		303
48/ 47														.1			11	11		248
46/ 45														.1			9	9		109
40/ 43														.1			28	28		182
42/ 41														.1			12	12		159
40/ 39														.1			2	2		119
38/ 37														.1			62	62		62
36/ 35														.1			26	26		26
34/ 33														.1			26	26		26
32/ 31														.1			13	13		13
30/ 29														.1			4	4		4
28/ 27														.1			2	2		2
26/ 25														.1			5	5		5
24/ 23														.1			4	4		4
22/ 21														.1			2	2		2
20/ 19														.1			1	1		1
TOTAL	1.2	9.0	28.0	33.2	16.1	4.6	2.8	1.2	.8	.7	.1	.2	.1	.1			1730	1730		1727
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	σ	No. Obs.	Mean No. of Hours with Temperature										Total			
Rel. Hum.	8912216	118230	68.5	13.578	3.7	1727	≥ 32 F	≥ 30 F	≥ 27 F	≥ 23 F	≥ 20 F	≥ 17 F	≥ 15 F	≥ 13 F	≥ 11 F	≥ 9 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb	5572486	97878	56.6	9.987	3.1	1730	2.4	.9	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	93	
Wet Bulb	4518822	88126	51.0	3.562	1.9	1727	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	93	
Dew Point	3662333	78969	45.7	5.456	2.3	1727	1.7	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	93	

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OL A)

USAF/ETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72390 STATION VANDENBERG AFB CA STATION NAME

64-76, 78, 80-84 YEARS

MAR MONTH

PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																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
60/ 67						.1	.1											2	2		
65/ 65						.1	.1											1	1		
60/ 63				.2	.2	.2	.2	.1										6	6		
62/ 61			.4	.1	.1	.1	.1	.1										9	9		
60/ 59	.6	.5	.4	.3	.3	.3	.1	.1										24	24		5
50/ 57	.7	1.2	1.1	.6	.5	.2	.2	.1										47	47		10
56/ 55	.7	3.2	1.9	.7	.1	.1	.2	.1										76	76		11
50/ 53	.1	6.0	1.0	.2	.2	.2	.1											211	211		145
52/ 51	.1	9.2	1.7	.3	.3													319	319		184
50/ 49	.1	8.2	1.0	.5	.5	.1												237	237		121
60/ 47	.3	3.0	4.6	1.9	.1	.1												103	103		93
66/ 45	.2	1.2	1.3	.4	.1	.1												33	33		1078
60/ 43	.1	.4	.1	.1	.1	.1												7	7		1078
62/ 41	.3	.3																3	3		1078
60/ 39																					1078
38/ 37																					1078
36/ 35																					1078
34/ 33																					1078
32/ 31																					1078
30/ 29																					1078
28/ 27																					1078
26/ 25																					1078
20/ 23																					1078
22/ 21																					1078
18/ 17																					1078
TOTAL		.330	.509	.813	.9	3.0	1.6	.8	.4	.2								1078	1078		1078

Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	666700	63961	77.9	10.886	1078						
Dry Bulb	2896113	55761	51.7	3.310	1078			.2			93
Wet Bulb	2520995	52017	48.3	3.197	1078						93
Dew Point	2188109	48298	44.8	5.740	1078	1.6					93

GLOBAL CLIMATOLOGY BRANCH
USAF/OTC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

732220 STATION

VANDENBERG AFB CA STATION NAME

69-74.78.82.84 YEARS

MAR MONTH

PAGE 1 2100-2300 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
72/ 78							.2										2	2	2		
70/ 69							.1										1	1	1		
66/ 65								.2									2	2	2		
62/ 61							.3	.1	.1								7	7	7		
60/ 59		.1					.1	.2	.1								7	7	7		
58/ 57		.7	.2				.3	.1	.1								15	15	15	5	
56/ 55		.5	.8	.5			.5	.1	.2	.3							28	28	28	6	
52/ 53		3.6	3.6	.6	.1		.1	.2	.1								81	81	81	10	
52/ 51		12.1	6.5	2.0	.2	.2	.1										231	231	231	29	
50/ 49		212.7	9.8	1.5	.2	.3											247	247	247	175	
48/ 47		.1	9.3	7.0	1.5	.1	.3										183	183	183	248	
46/ 45		.2	6.0	3.1	.9	.1	.1										104	104	104	195	
44/ 43		.1	4.0	1.3	.5	.2	.1										62	62	62	139	
42/ 41		.1	1.9	.7	.1												27	27	27	88	
40/ 39				.3													4	4	4	39	
38/ 37				.2													2	2	2	3	
36/ 35																					
34/ 33																					
32/ 31																					
30/ 29																					
28/ 27																					
26/ 25																					
24/ 23																					
22/ 21																					
16/ 15																					
TOTAL		.750	.735	.4	7.9	1.5	1.8	.9	.8	.3							1003	1003	1003	1003	

Element (X)	2 X'	2 X	X	°A	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 80 F	≤ 93 F	
Ref. Hum.	6618904	80568	80.3	12.117	1003						
Dry Bulb	2060631	49533	49.4	3.798	1003						93
Wet Bulb	2175556	46576	46.4	3.563	1003						93
Dew Point	1906893	43411	43.3	5.269	1003						93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723900 VANDENBERG AFB CA STATION NAME

60-84 YEARS

MAR MONTH

PAGE 1

HOURS (L. S. T.) ALL

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						
86/ 87																		1									
86/ 85																		3									
86/ 83																		2									
86/ 79																		7									
78/ 77																		14									
76/ 75																		12									
76/ 73																		20									
72/ 71																		51									
70/ 69																		63									
68/ 67																		93									
66/ 65																		177			5						
64/ 63																		300			1						
62/ 61																		480			3						
60/ 59																		669			16						
58/ 57																		1010			64						
56/ 55																		1194			160						
54/ 53																		1292			282						
52/ 51																		1458			617						
50/ 49																		1341			1138						
46/ 42																		882			1178						
40/ 43																		586			1655						
42/ 41																		371			1328						
40/ 39																		255			1148						
38/ 37																		140			879						
36/ 35																		58			602						
34/ 33																		24			428						
32/ 31																		8			293						
30/ 29																		2			153						
28/ 27																					5						
26/ 25																					1						
24/ 23																					76						
22/ 21																					44						
20/ 19																					20						
Element (X)	Σ X ²																Σ X	X̄	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																											

GLOBAL CLIMATOLOGY BRANCH
 USAF/TTC
 AIR WEATHER SERVICE/WAC

PSYCHROMETRIC SUMMARY

723030 VANDENBERG AFB CA STATION NAME

64-73, B2-83 YEARS

APR MONTH

PAGE 1 0000-0200 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
70F-89								.1										1	1		
80F-87							.2											2	2		
66F-85							.2	.1										3	3		
60F-83							.1	.1										2	2		
60F-89							.2	.2	.1									5	5		
50F-87					.2	.6	.2	.1										10	10		
50F-88			.6	.2	.4	.2												15	15		
50F-83		2.2	1.9	.4	.4													45	45		1
52F-81	.1	8.3	4.2	1.5	.6													135	135	32	17
50F-89	.3	4.0	5.0	1.7		.1												199	199	134	52
60F-88	.6	8.0	5.4	2.8	1.0	.1												230	230	216	138
66F-88	.4	9.4	2.2	.3	.1													113	113	198	147
60F-83	.2	6.0	1.1	.4														76	76	144	168
62F-81	.4	3.4	1.2	.6														51	51	103	119
60F-89	.1	.8	.2															10	10	40	107
30F-87		.6	.1															6	6	20	61
30F-88			.1															1	1	7	36
30F-83																				2	25
32F-81																					12
30F-89																					10
20F-87																					5
26F-85																					4
24F-83																					2
TOTAL	3,061	4,222	0	8.0	2.8	1.0	.6	1.0	.3									904	904	904	904

Element (X)	ΣX'	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	6242135	74225	82.1	12.790	904	≥ 80 F	≥ 73 F	≥ 67 F	≥ 60 F	≥ 53 F	Total
Dry Bulb	2115077	93579	98.2	3.975	904			3			90
Wet Bulb	1885194	41168	95.5	3.395	904						90
Dew Point	1566518	38568	82.7	4.830	904			3			90

GLOBAL CLIMATOLOGY BRANCH
USAF/CGC
AIR WEATHER SERVICE/WSG

PSYCHROMETRIC SUMMARY

STATION NAME: WARRIMERS AFB CA STATION NUMBER: 65-73,82-83 YEARS: _____ MONTH: APR

PAGE 1 010000Z500
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
70/ 69																		2	2	
66/ 63								.2										5	5	
66/ 63								.1										1	1	
62/ 61								.1										1	1	
60/ 59								.1										1	1	
58/ 57								.1										1	1	
50/ 50			.3	.0	.0	.0	.0	.1	.2								22	22	22	
50/ 51		.8	1.7	.1	.3	.3	.1	.1									31	31	31	5
52/ 50	.1	6.0	3.1	1.0	.0	.1											101	101	101	20
50/ 49	.4	2.2	0.8	1.0	.1	.1											202	202	202	37
00/ 00	.0	1.0	0.3	1.0	.0	.0											197	197	219	130
00/ 00	1.3	0.9	3.2	1.2	.0	.0											137	137	199	168
00/ 03	.2	6.0	1.0	.0	.1	.1											79	79	132	134
02/ 01	.2	0.9	2.1	.0	.1	.1											70	70	92	119
00/ 39	.1	2.0	.0	.1													34	34	81	104
30/ 37	.1	.0	.7														12	12	38	78
36/ 39		.6	.1														6	6	17	42
30/ 33																			6	29
52/ 38																				21
30/ 29																				20
20/ 27																				6
26/ 28																				5
24/ 23																				5
TOTAL	3.9	61.1	122.3	7.2	3.2	.7	.4	.8	.4								902	902	902	902

Element (X)	Z _X	Σ X	Σ X ²	Σ X ³	No. Obs.	Mean No. of Hours with Temperature				Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 93 F	
Rel. Hum.	9245953	79163	82.2	112.805	902					
Dry Bulb	2040642	42720	67.4	6.293	902			2		90
Wet Bulb	1819978	40372	44.8	3.783	902					90
Dew Point	1507421	37787	41.9	5.207	902		5.7			90

GLOBAL CLIMATOLOGY BRANCH
USAF/AFM
AIR WEATHER SERVICE/WAC

PSYCHROMETRIC SUMMARY

722000 VANDENBERG AFB CA STATION NAME

69-84 YEARS

APR MONTH

PAGE 1 RANGE 0000 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
70.0-74																		1	1		
70.0-76																		1	1		
72.0-74																		1	1		
70.0-79																		5	5		
68.0-67																		7	7		
68.0-65																		9	9		
68.0-63																		11	11		
68.0-61																		18	18		2
68.0-59																		34	34		1
50.0-57																		42	42		8
50.0-55																		108	108	30	2
50.0-53																		194	194	52	9
52.0-51																		224	224	116	34
50.0-49																		276	276	260	111
50.0-48																		193	193	304	224
40.0-45																		108	108	242	223
40.0-43																		59	59	149	208
42.0-41																		42	42	91	161
40.0-39																		22	22	47	125
30.0-37																		8	8	16	89
30.0-35																		2	2	14	68
30.0-33																				2	22
32.0-31																					25
30.0-29																					12
20.0-27																					5
26.0-25																					1
20.0-23																					4
TOTAL	4.539	7.28	113.7	7.7	3.3	1.4	.9	.6										1319	1319	1319	1319

Element (X)	Z X'	Z X	X	X'	No. Obs.	Mean No. of Hours with Temperature				Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 80 F	≥ 93 F	
Rel. Hum.	8222696	102298	77.614	801	1319						Total
Dry Bulb	300624	66656	50.5	5.237	1319			1.0			90
Wet Bulb	2927626	61924	46.9	3.938	1319						90
Dew Point	2500466	57044	43.2	5.034	1319		3.2				90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

PSYCHROMETRIC SUMMARY

722030 VANDENBERG AFB CA STATION NAME

65-84 YEARS

APR MONTH

PAGE 1 0800-1100 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	
007 07														.1				1	2			
007 08														.1				2	2			
007 03														.1				4	4			
007 02														.1				4	4			
007 09				.1									.1					6	6			
007 05														.1				7	7			
007 01														.1				11	11			
007 02			.1															23	23		1	
007 09			.1															30	30		1	
007 07					.2	.7	1.1	.5	.1	.1								45	45		1	
007 05					.2	1.0	.5	.9	.1	.1								52	52		1	
007 01			.1	.1	.7	1.6	1.1	.3	.1	.1								90	90		2	
007 01			.5	2.0	2.2	1.5	.5	.1	.1	.1								116	116		10	
007 08		.1	1.7	0.0	3.0	2.2	.4	.1										201	201		40	
007 07		.4	2.5	5.0	3.4	1.7	.5											246	246		2	
007 09		1.0	4.0	6.0	4.6	1.2	.2											297	297		18	
007 03		1.9	5.0	3.0	2.3	.5												237	237		59	
007 01		3.2	4.0	2.3	1.4	.2												186	186		126	
007 09		3	1.9	1.7	.6	.4	.1											76	76		216	
007 07		.8	.2	.1														18	18		277	
007 05		.5	.1															9	9		126	
007 03		.2																4	4		268	
007 01																					39	
007 09																					11	
007 07																					131	
007 05																					80	
007 03																					50	
007 01																					30	
007 09																					18	
007 07																					9	
007 05																					4	
007 03																					4	
007 01																					4	
TOTAL	.4	9.0	20.6	26.2	21.0	5.5	2.2	1.4	1.1	.8	.3	.1	.2	.1			1673	1673		1673	1673	
Element (X)	2x1	2x	X	%	No. Obs.	Mean No. of Hours with Temperature										Total						
Rel. Hum.	7197708	107908	64.5	18.922	1673	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	5622072	96494	57.7	0.089	1673			7.6	2.3	.8												
Wet Bulb	4398691	85917	51.1	3.821	1673			.1														
Dew Point	3415328	75090	44.9	5.190	1673		1.7	.1														

GLOBAL CLIMATOLOGY BRANCH
USAF/AFSC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723000 WANDENBERG AFB CA
STATION NAME

64-84

YEARS

APR
MONTH

PAGE 1 1200-1900
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
90/ 89																		1	1		
89/ 88																		1	1		
88/ 87																		2	2		
87/ 86																		2	2		
86/ 85																		8	8		
85/ 84																		5	5		
84/ 83																		7	7		
83/ 82																		20	20		
82/ 81																		13	13		1
81/ 80																		27	27		1
80/ 79																		43	43		
79/ 78																		78	78		
78/ 77																		117	117		
77/ 76																		207	207		1
76/ 75																		266	266		
75/ 74																		333	333		7
74/ 73																		300	300		16
73/ 72																		128	128		57
72/ 71																		72	72		135
71/ 70																		20	20		242
70/ 69																		10	10		304
69/ 68																		68	68		277
68/ 67																		8	8		226
67/ 66																		89	89		188
66/ 65																		53	53		89
65/ 64																		31	31		53
64/ 63																		19	19		31
63/ 62																		6	6		19
62/ 61																		2	2		6
61/ 60																					2
60/ 59																					1
59/ 58																					1
58/ 57																					1
57/ 56																					1
56/ 55																					1
55/ 54																					1
54/ 53																					1
53/ 52																					1
52/ 51																					1
51/ 50																					1
50/ 49																					1
49/ 48																					1
48/ 47																					1
47/ 46																					1
46/ 45																					1
45/ 44																					1
44/ 43																					1
43/ 42																					1
42/ 41																					1
41/ 40																					1
40/ 39																					1
39/ 38																					1
38/ 37																					1
37/ 36																					1
36/ 35																					1
35/ 34																					1
34/ 33																					1
33/ 32																					1
32/ 31																					1
31/ 30																					1
30/ 29																					1
29/ 28																					1
28/ 27																					1
TOTAL																					1666
Element (X)	2X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	1666
Rel. Hum.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Dry Bulb	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
Wet Bulb	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
Dew Point	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2

BLOOM CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION YAMMERSBERG AFB CA STATION NAME 64-84 YEARS 1950-1970 MONTH APR

PAGE 1 1500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (P)										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
70/77									.1	.1	.1									
71/78									.1	.1	.1									
72/79								.2	.1	.2	.1						13	11		
73/80						.1		.1	.2	.1										
74/81						.1		.1	.2	.1							10	10		
75/82					.1	.1		.1	.2	.1							23	23		
76/83					.2	.2		.1	.1	.1							29	29		
77/84					.1	.1		.1	.1	.1							68	68		
78/85					.1	.1		.1	.1	.1							110	110		1
79/86					.1	.1		.1	.1	.1							184	184		12
80/87					.1	.1		.1	.1	.1							294	294		64
81/88					.1	.1		.1	.1	.1							379	379		7
82/89					.1	.1		.1	.1	.1							312	312		47
83/90					.1	.1		.1	.1	.1							182	182		118
84/91					.1	.1		.1	.1	.1							30	30		236
85/92					.1	.1		.1	.1	.1										210
86/93					.1	.1		.1	.1	.1										209
87/94					.1	.1		.1	.1	.1										18
88/95					.1	.1		.1	.1	.1										285
89/96					.1	.1		.1	.1	.1										1
90/97					.1	.1		.1	.1	.1										151
91/98					.1	.1		.1	.1	.1										91
92/99					.1	.1		.1	.1	.1										52
93/100					.1	.1		.1	.1	.1										31
94/101					.1	.1		.1	.1	.1										8
95/102					.1	.1		.1	.1	.1										4
96/103					.1	.1		.1	.1	.1										1
TOTAL																	1638	1638	1639	1638

Element (X)	2 X	X	X	No. Obs.	Mean No. of Hours with Temperature	Total
					≥ 67 F	≥ 80 F
Ref. Hum.	109368	66.5	11.762	1638	≥ 73 F	≥ 93 F
Dry Bulb	93326	56.9	9.923	1639	3.6	90
Wet Bulb	63684	51.1	3.137	1638		90
Dew Point	74619	45.6	4.216	1638		90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR SUPPORT SERVICE/MAC

PSYCHROMETRIC SUMMARY

723070 VANDENBERG AFB CA
STATION NAME

69-75, 78-89

YEARS

APR
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																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.	Wet Bulb	Dew Point
72/ 78																		2	2	
69/ 67								.1										3	3	
66/ 65								.2										7	7	
64/ 63								.2										6	6	
62/ 61				.3				.5										12	12	
60/ 59			.5	.6				.8										22	22	
58/ 57			1.0	1.0	.7			.2										37	37	
56/ 55			1.1	2.0	1.0	.1		.1										83	83	12
54/ 53			0.3	3.0	.8			.8										195	195	48
52/ 51			0.3	2.0	.8			.8										289	289	138
50/ 49			0.3	3.2	.8			.8										257	257	293
48/ 47			0.3	2.5	.3			.3										84	84	223
46/ 45			1.0	.4	.3			.3										15	15	218
44/ 43			.3	.1	.1			.1										4	4	268
42/ 41																		16	16	91
40/ 39																		1	1	68
38/ 37																				34
36/ 35																				13
34/ 33																				12
32/ 31																				5
30/ 29																				2
TOTAL																		1025	1025	1025

Element (X)	Zx ¹	Zx	X	X ²	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 80 F	≥ 93 F	
Rel. Hum.	6287530	79292	77.4	10.989	1025						
Dry Bulb	279065	53305	52.0	3.915	1025						90
Wet Bulb	2408732	49617	48.4	2.726	1025						90
Dew Point	2079182	45996	44.9	3.847	1025						90

GLOBAL CLIMATOLOGY BRANCH
USAF/AFAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72300 VANDENBERG AFB CA STATION NAME

64-74.78-79.83-84 YEARS

APR MONTH

PAGE 1 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																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
70/ 09									.1								1	1	1	
67/ 08									.1								1	1	1	
64/ 03									.1								1	1	1	
62/ 01									.1								1	1	1	
60/ 00					.2	.1	.2	.1	.1								11	11	11	
58/ 07			1.1	.1	.3	.2	.1	.1	.1								19	19	19	
56/ 08		.2	.9	.2	.6	.3	.1										22	22	22	
50/ 33		3.4	3.3	1.0	.3	.1											79	79	79	2
52/ 08		9.2	8.3	.6	.5												180	180	59	25
50/ 09		9.1	10.9	3.3	.7												328	328	182	74
48/ 07		13.1	5.0	2.1	.4	.1											291	291	291	100
46/ 08		5.0	1.3	.6													78	78	198	213
40/ 03		3.0	.3	.1													33	33	328	173
42/ 02		.8	.2														12	12	84	115
40/ 39		.1															1	1	1	80
38/ 37			.1														1	1	1	80
36/ 38																				26
34/ 33																				9
32/ 31																				8
30/ 29																				4
28/ 27																				3
26/ 25																				1
TOTAL	1.453	431.5	8.3	3.0	1.3	.7	.3	.1									969	969	969	969

Element (X)	Z _X ¹	X	e _X	No. Obs.	Mean No. of Hours with Temperature					Total
					≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F
Rel. Hum.	6887043	78947	81.5	11.363					969	
Dry Bulb	2401073	48127	99.7	3.335			.1			90
Wet Bulb	2130332	45392	46.8	2.871					969	90
Dew Point	1892070	42626	44.0	4.186		1.5			969	90

REMOVED REVISIONS SHOWN ON THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM 64

USAF/AFAC

GLOBAL CLIMATOLOGY BRANCH
 USAF/AFSC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

123990 YANCKINBERG AFB GA
 STATION NAME

65-84

YEARS

APR
 MONTH

PAGE 1

MAY
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL D.B./W.B.	TOTAL Wet Bulb	TOTAL 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	27-28	29-30
90/-09																	1	1	
89/-07																	1	1	
88/-06																	5	5	
87/-03																	6	6	
82/-03																	6	6	
80/-19																	16	16	
78/-19																	16	16	
76/-18																	16	16	
74/-13																	42	42	
72/-11																	46	46	2
70/-09																	84	84	2
68/-07																	123	123	1
66/-05																	184	184	3
64/-03																	296	296	10
62/-04																	476	476	29
60/-09																	726	726	93
50/-07																	993	993	16
56/-08																	1223	1223	53
50/-03																	1171	1172	83
52/-01																	1338	1338	506
50/-09																	1396	1396	1057
48/-07																	941	941	1794
46/-08																	457	457	1023
44/-03																	255	255	1408
42/-03																	175	175	1121
40/-19																	67	67	795
38/-17																	27	27	486
36/-18																	9	9	297
34/-18																	10	10	154
32/-11																	99	99	60
30/-19																	24	24	24
28/-17																	11	11	11
26/-18																	11	11	11
24/-13																	11	11	11

Element (X)	Z _X ¹	Z _X	X	%	No. Obs.	Mean No. of Hours with Temperature													
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Rel. Hum.																			
Dry Bulb																			
Wet Bulb																			
Dew Point																			

BLOOM CLIMATOLOGY BRANCH
 USAF/AFSC
 AIR WORKER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723988 STATION VANJEMERS AFB CA 69-89 YEARS MONTH APR

PAGE 2 HOURS (L.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL 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	27-28	29-30	≥ 31	
TOTAL	1.527	225.421	313.3	6.0	2.3	1.3	0.8	0.4	0.3	0.1	0.0	0.1	0.0	0.0	0.0	0.0	10096	10097	10096	10096		
Rel. Hum.	55201966																					
Dry Bulb	29593132																					
Wet Bulb	24423290																					
Dew Point	20111768																					
Element (X)	Z X'	Z X	X	%	No. Obs.	Mean No. of Hours with Temperature												Total				
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total										

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 72390 VANDENBERG AFB CA STATION NAME YEARS 64-74.02.84 MONTH MAY
PAGE 1 0000-0200 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
66/ 63								.1	.2									3	3		
64/ 63				.2														2	2		
62/ 61				.1	.1	.1		.3										6	6		
60/ 59				.2	.2													2	2		
58/ 57		.1	.1	.1	.1													9	9		
56/ 55	.5	1.2	1.0	.4	.1													35	35	10	6
54/ 53	.6	1.5	2.0	.1														111	111	47	25
52/ 51	3.0	2.0	1.0	.1														266	266	128	94
50/ 49	1.0	2.0	0.9	.5														298	298	228	123
48/ 47	1.2	0.8	2.5	.1														128	128	388	215
46/ 45	.8	5.4	.3	.1														63	63	138	213
44/ 43	.8	1.0	.4															19	19	59	154
42/ 41	.2	.2	.2															4	4	14	66
40/ 39																				7	29
38/ 37																					9
36/ 35																					6
34/ 33																					2
32/ 31																					3
30/ 29																					1
TOTAL	7.861	527.7	1.8	.4	.4	.1	.4	.2										946	946	946	946

Element (X)	Zx'	Zx	Y	Y'	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7191529	81775	86.8	8.769	946							
Dry Bulb	2403613	47599	50.3	3.020	946							93
Wet Bulb	2207233	45619	48.2	2.788	946							93
Dew Point	2243926	43936	46.3	3.659	945							93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 72398 VANDENBERG AFB CA STATION NAME 69-79.79.84 YEARS MONTH MAY

PAGE 1 0300-0500
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
66/ 68																		2	2		
68/ 71						.1												1	1		
68/ 59			.2		.1	.1												4	4		
58/ 67			.4		.3	.3												7	7		
56/ 55	.3	.6	.6															19	19	6	3
58/ 63	1.5	5.7	2.4	.6	.1													98	98	40	21
58/ 61	3.8	13.6	6.8	.4	.3													237	237	122	92
58/ 67	2.5	20.0	9.4	.4	.1													296	296	190	119
60/ 67	7.1	13.1	1.9	.1														150	150	304	282
60/ 68	.7	5.3	1.2															70	70	154	197
64/ 63	.6	3.6	.5															45	45	75	151
62/ 61	.8	.8	.2															10	10	32	74
60/ 39	.4	.1																5	5	6	46
38/ 37																					16
36/ 36																					1
34/ 33																					10
32/ 31																					9
TOTAL	10.2	63.9	22.9	1.6	.6	.2	.4	.2										944	944	944	944

Element (X)	Z X	X	S	No. Obs.	Mean No. of Hours with Temperature					Total
			%		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	7257083	82331	87.2	944						
Dry Bulb	2337998	46888	49.7	944						93
Wet Bulb	2156552	45032	47.7	944						93
Dew Point	2005895	43361	45.9	944						93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 VANDENBERG AFB CA
 STATION NAME

64-84

YEARS

MAY

MONTH

PAGE 1 0600-0600
 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	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 89																		1	1	1		1	1	1	
76/ 79																		2	2	2		2	2	2	
74/ 73																		6	6	6		6	6	6	
72/ 71																		1	1	1		1	1	1	
70/ 69																		10	10	10		10	10	10	
68/ 67																		5	5	5		5	5	5	
66/ 65																		13	13	13		13	13	13	
64/ 63																		10	10	10		10	10	10	
62/ 61																		28	28	28		28	28	28	
60/ 59																		45	45	45		45	45	45	
58/ 57																		79	79	79		79	79	79	
56/ 55																		165	165	165		165	165	165	
54/ 53																		301	301	301		301	301	301	
52/ 51																		929	929	929		929	929	929	
50/ 49																		298	298	298		298	298	298	
48/ 47																		94	94	94		94	94	94	
46/ 45																		31	31	31		31	31	31	
44/ 43																		13	13	13		13	13	13	
42/ 41																		5	5	5		5	5	5	
40/ 39																		1	1	1		1	1	1	
38/ 37																		3	3	3		3	3	3	
36/ 35																		16	16	16		16	16	16	
34/ 33																		8	8	8		8	8	8	
32/ 31																		2	2	2		2	2	2	
30/ 29																		1	1	1		1	1	1	
TOTAL	6.440	0.35	5.11	3.0	1.4	0.5	0.6	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1523	1523	1523	1523	1523	1523	1523	1523	

Element (X)	2x'	2x	X	%	No. Obs.	Mean No. of Hours with Temperature					Total
						= 0 F	= 32 F	= 67 F	= 80 F	= 93 F	
Rel. Hum.	10330166	121990	81.4	12.856	1523						
Dry Bulb	9257652	80252	52.7	9.358	1523			1.5			93
Wet Bulb	3783492	75560	49.6	3.114	1523						93
Dew Point	3362319	71317	46.8	3.069	1523						93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72390 STATION VANDENBERG AFB CA STATION NAME 69-84 YEARS MAY MONTH

PAGE 1 0900-1100 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.	Wet Bulb	Dew Point		
92/ 91																		1	1			
90/ 89																		2	2			
88/ 87											.1							1	1			
86/ 85											.1							1	1			
84/ 83											.1							0	0			
82/ 81											.1							2	2			
80/ 79											.1							0	0			
78/ 77											.1							0	0			
76/ 75											.1							10	10			
74/ 73											.1							7	7			
72/ 71											.1							9	9			
70/ 69											.1							13	13			
68/ 67											.1							27	27			
66/ 65											.1							46	47			
64/ 63											.1							90	90			
62/ 61											.1							148	148			
60/ 59											.1							270	270	5		
58/ 57											.1							335	335	19		
56/ 55											.1							349	349	40		
54/ 53											.1							223	223	137		
52/ 51											.1							117	117	257		
50/ 49											.1							26	26	321		
48/ 47											.1							2	2	318		
46/ 45											.1									14	274	
44/ 43											.1									7	174	
42/ 41											.1										90	
40/ 39											.1										20	
38/ 37											.1										13	
36/ 35											.1										10	
34/ 33											.1										6	
32/ 31											.1										3	
TOTAL																					1699	1699

Element (X)	Z _X	Y	X	%	No. Obs.	Mean No. of Hours with Temperature				Total
						= 0 F	= 32 F	= 67 F	= 80 F	= 93 F
Rel. Hum.	8730972	119610	70.4	13.520	1699					
Dry Bulb	8704021	90759	58.1	5.246	1700			5.1	2.4	.8
Wet Bulb	8739827	89561	52.7	3.320	1699			.2		
Dew Point	3937387	81493	48.0	4.101	1699			.2		

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MSC

PSYCHROMETRIC SUMMARY

723930 VANDENBERG AFB CA STATION NAME
 64-84 YEARS

MAY MONTH

PAGE 1 1200-1400 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
80/ 07																		1	1
80/ 03																		4	4
82/ 02													.1				3	3	
80/ 09																	7	7	
70/ 10																	7	7	
70/ 11																	10	10	
72/ 06																	14	14	
70/ 08																	9	9	
80/ 07																	22	22	
80/ 05																	28	28	
80/ 07																	55	55	
80/ 03																	142	142	
62/ 01																	261	261	
60/ 09																	482	482	
50/ 07																	426	426	
56/ 05																	221	221	
50/ 03																	62	62	
52/ 01																	14	14	
50/ 09																	3	3	
40/ 07																	3	3	
40/ 09																	25	25	
42/ 02																	4	4	
40/ 09																	263	263	
38/ 07																	153	153	
36/ 03																	70	70	
36/ 03																	23	23	
34/ 03																	7	7	
TOTAL	.1	5.120	.135	.127	.7	7.2	2.2	.8	.7	.4	.4	.2	.1	.1	.1	.1	1692	1691	1691

Element (X)	Σ X'	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	7111055	112695	66.6	11.057	1691	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	6090080	101230	59.8	9.960	1692			5.8	2.5	.6		93
Wet Bulb	9887793	90779	53.7	2.924	1691			.1				93
Dew Point	3968847	81663	48.3	3.704	1691							93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AWC

PSYCHROMETRIC SUMMARY

723939 VANDENBERG AFB CA STATION NAME

64-89

YEARS

MAY

MONTH

PAGE 1 1500-1700
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	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80																					
82																					
84																					
86																					
88																					
90																					
92																					
94																					
96																					
98																					
100																					
TOTAL	0.3	0.029	0.338	0.816	0.6	3.7	1.1	1.2	0.7	0.1	0.1	0.3					1523	1523	1523	1523	

Element (X)	Z1'	Z2 X	X	Y	Z	No. Obs.	Mean No. of Hours with Temperature				Total
							≥ 80 F	≥ 73 F	≥ 67 F	≥ 93 F	
Rel. Hum.	7420124	104976	69.9	10.880		1523					
Dry Bulb	5150604	88396	90.0	0.277		1523			4.91	1.66	93
Wet Bulb	0239710	80240	52.7	2.834		1523					93
Dew Point	3516487	72989	47.9	3.489		1523					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

720030 VANDENBERG AFB CA STATION NAME

69-75, 78-79, 81, 83-84 YEARS

MAY MONTH

PAGE 1 1800-2200 HOURS (L. S. T.)

Temp. (°F)	WET BULB TEMPERATURE DEPRESSION (F)																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
82/ 02																		1	1		
78/ 33																		1	1		
78/ 33																		1	1		
70/ 73																		1	1		
72/ 73																		1	1		
70/ 08																		2	2		
68/ 67																		2	2		
68/ 05																		6	6		
68/ 63																		11	11		
62/ 61																		8	8		
68/ 88																		17	17		
58/ 87																		72	72		
56/ 88																		159	159		
58/ 83																		322	322		
52/ 81																		324	324		
50/ 89																		110	110		
88/ 87																		14	14		
66/ 89																		90	90		
64/ 93																		91	91		
62/ 81																		13	13		
60/ 39																		8	8		
38/ 37																		3	3		
36/ 38																		1	1		
34/ 33																		1054	1054		
TOTAL	2.430	152.711	0	2.01	2.01	0.7	0.4	0.2	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1054	1054	1054	1054	

Element (X)	Z X ¹	Z X	Y	σ _n	No. Obs.	Mean No. of Hours with Temperature				Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 80 F	
Ref. Hum.	8896140	88620	80.1	9.864	1054					
Dry Bulb	5024867	56351	53.9	3.383	1054					93
Wet Bulb	2689229	52923	50.2	2.556	1054					93
Dew Point	2373580	49896	47.1	3.308	1754					93

GLOBAL CLIMATOLOGY BRANCH
 USAF/AFSC
 AIR WEATHER SERVICE/AFSC

PSYCHROMETRIC SUMMARY

STATION WINDMILLERS AFB CA STATION NAME WINDMILLERS AFB CA YEARS 69-70, 79, 81 MONTH MAY

PAGE 1 2100-2300
 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
60/ 67									.1									1	1		
66/ 65								.1										1	1		
64/ 63								.2	.1									3	3		
62/ 61								.1										2	2		
60/ 59				.2	.3	.2												7	7		
58/ 57			.3	1.3	.1	.1												10	10		2
50/ 56	.2	3.5	2.2	.3														62	62		9
50/ 53	1.0	0.0	0.0	.5														180	180		32
52/ 51	2.0	0.0	0.0	.4	.3													359	359		123
50/ 47	0.1	0.0	0.3	.0	.3													270	270		200
40/ 42	.0	3.0	2.0															70	70		257
40/ 43		1.0	.3															17	17		220
40/ 43	.1	.2	.1															0	0		335
42/ 41																					97
40/ 39																					1
30/ 37																					1
30/ 38																					6
30/ 33																					3
32/ 31																					2
TOTAL	5.009	201.6	2.0	.6			.4	.2										1006	1006		1006

Element (X)	Σ X'	Σ X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total
					≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 93 F	
Ref. Num.	711053	85363	80.9	1006						
Dry Bulb	268030	51890	51.4	1006			.1			93
Wet Bulb	202168	49290	49.0	1006						93
Dew Point	222393	47173	46.9	1006		.2				93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/WAC

PSYCHROMETRIC SUMMARY

723930 STATION NAME: VANDENBERG AFB CA YEAR: 69-84 MONTH: MAY HOURS (L. S. T.): 24

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL D.B./W.B.	TOTAL Wet Bulb	TOTAL 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	27-28	29-30	31
92.0																		1	1	
90.0																		2	2	
88.0																		2	2	
86.0																		2	2	
84.0																		8	8	
82.0																		18	18	
80.0																		15	15	
78.0																		20	20	
76.0																		33	33	
74.0																		36	36	
72.0																		29	29	
70.0																		59	59	
68.0																		83	83	
66.0																		152	152	
64.0																		313	313	
62.0																		589	589	
60.0																		1024	1024	
58.0																		1303	1303	
56.0																		1368	1368	
54.0																		1493	1493	
52.0																		1783	1783	
50.0																		1309	1309	
48.0																		462	462	
46.0																		181	181	
44.0																		81	81	
42.0																		19	19	
40.0																		6	6	
38.0																				
36.0																				
34.0																				
32.0																				
30.0																				
TOTAL	3.129	331.0	19.0	10.5	3.1	.9	.7	.5	.2	.2	.0	.1	.0	.0	.0	.0	10386	10386	10386	10386

Element (X)	2 X'	2 X	X	° F	No. Obs.	Mean No. of Hours with Temperature					Total	
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F		= 93 F
Rel. Hum.	63016222	796060	76.7	13.006	10386							
Dry Bulb	33719385	571169	59.0	9.502	10386			21.5	9.2	2.9		799
Wet Bulb	29000004	529004	50.9	3.613	10386							799
Dew Point	23932234	491748	47.3	3.792	10386			1.1				799

GLOBAL CLIMATOLOGY BRANCH
USAFETAS
AIR WEATHER SERVICE/AWS

PSYCHROMETRIC SUMMARY

123000 VANDENBERG AFB CA
STATION NAME

69-73.81

YEARS

MM
MONTH

PAGE 1 000000Z00
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL		TOTAL 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	27-28	29-30	31	D.B./W.B.	Dry Bulb
600 07																		2	2	
600 08																		1	1	
600 09																		0	0	1
600 10																		10	10	2
600 11																		59	59	10
600 12																		25	25	00
600 13																		207	207	83
600 14																		384	384	165
600 15																		157	157	233
600 16																		41	41	207
600 17																		12	12	33
600 18																		2	2	32
600 19																				10
600 20																				3
TOTAL																		902	902	902

Element (X)	Σ X ¹	Σ X ²	X	σ ²	No. Obs.	Mean No. of Hours with Temperature					Total
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 80 F	≥ 93 F	
Rel. Hum.	748836	79802	88.5	7.001	902						
Dry Bulb	2480635	47267	52.4	2.929	902					8.2	90
Wet Bulb	2310672	45588	50.5	2.708	902						90
Dew Point	2133808	44298	49.1	3.034	902						90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AWC

PSYCHROMETRIC SUMMARY

723930 VANDENBERG AFB CA STATION NAME

69-73, 79, 83-84 YEARS

MONTH

PAGE 1 0800-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											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/ 73										.1								1	1		
72/ 71										.1								1	1		
68/ 68										.2								2	2		
64/ 63										.2								3	3		
62/ 61										.1								4	4		
60/ 59	.3	.7	.2	.2	.2	.1				.1							13	13		1	3
58/ 57		1.2	3.2	.3	.3	.3				.2							44	44		12	12
56/ 56	.6	6.3	2.9	.3	.1					.1							92	92		94	17
54/ 53	1.7	12.6	5.1	.2													172	172		116	72
52/ 51	3.7	21.5	5.9														278	278		212	170
50/ 49	1.2	20.4	2.3														222	222		280	216
48/ 47	.4	9.7	.2														99	99		182	239
46/ 45		1.6															16	16		90	129
44/ 43		1.1															10	10		17	46
42/ 41																				6	20
40/ 39																					9
TOTAL		0.669	0.619	1.0	.7	.3	.2	.1	.1								908	908		908	908

Element (X)	Σ X'	Σ X	Σ X ²	No. Obs.	Mean No. of Hours with Temperature					Total
					≤ 0 F	≤ 32 F	≤ 67 F	≤ 80 F	≥ 93 F	
Rel. Hum.	7202635	80817	82.0	7.891					908	
Dry Bulb	2460450	97176	52.0	3.215					908	
Wet Bulb	2291343	95543	50.2	2.782				.2	908	
Dew Point	2170481	44307	48.8	3.355					908	

GLOBE CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723000 VANDENBERG AFB CA STATION NAME
 STATION

64-84

YEARS

MMN
 MONTH

PAGE 1 0000-0000
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL D.B./W.B.	TOTAL 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	27-28	29-30
90/ 89																	1	1
88/ 88																.1		1
87/ 83																.1		1
87/ 81																.1		1
80/ 79										.1						.1		1
78/ 77										.1						.1		1
76/ 75										.1						.1		1
74/ 73									.1	.1						.1		1
72/ 71								.1	.1	.1						.1		1
70/ 69								.1	.1	.1						.1		1
68/ 67								.1	.1	.1						.1		1
66/ 65								.1	.1	.1						.1		1
64/ 63								.1	.1	.1						.1		1
62/ 61								.1	.1	.1						.1		1
60/ 59	.2	1.0	2.0	2.0	.1	.1											106	106
58/ 57	.2	2.3	5.0	2.0	.1	.1											158	158
56/ 55	.7	6.2	7.0	3.0	.1	.1											270	270
54/ 53	2.3	12.0	7.7	.9	.1	.1											348	348
52/ 51	2.2	13.0	4.2	.1	.1	.1											296	296
50/ 49	.0	7.9	1.0														139	139
48/ 47	.1	.7															12	12
46/ 45	.1	.1		.1													4	4
44/ 43																		1
42/ 41																		1
40/ 39																		1
38/ 37																		5
36/ 35																		2
TOTAL	6.047	7.29	41.6	2.1	2.1	0.3	0.3	0.3	0.3	0.1	0.2	0.1	0.1	0.1	0.1		1447	1447

Element (X)	Σ X ²	Σ X	Σ %	No. Obs.	Mean No. of Hours with Temperature				
					± 0 F	± 32 F	± 67 F	± 93 F	Total
Rel. Hum.	10349124	121105	83.711055	1447					
Dry Bulb	4398668	79068	54.90689	1447			2.2	1.2	.6
Wet Bulb	3937082	75352	52.13062	1447			.1		
Dew Point	3502277	72043	49.83065	1447					

REVISD PREVIOUS EDITIONS OF THIS FORM AIR OBSOLETE

FORM 0-26-5 (OL A)

MA 64

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/WAC

PSYCHROMETRIC SUMMARY

123930 VANDENBERG AFB CA

68-84

STATION NAME

YEARS

MM

MONTH

PAGE 1 0200-1100
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL D.B./W.B.	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	27-28	29-30	±31				
900 93																		3	3						
920 91																			5	5					
930 89																			2	2					
940 87																			2	2					
950 85																			2	2					
960 83																			3	3					
970 81																			2	2					
980 79																			4	4					
990 77																			3	3					
1000 75																			10	10					
1010 73																			11	11					
1020 71																			13	13					
1030 69																			25	25					
1040 67																			55	55					
1050 66																			93	93					
1060 63																			169	169					
1070 61																			269	269		12			
1080 59																			310	310		18			
1090 57																			304	304		71			
1100 55																			213	213		180			
1110 53																			113	113		277			
1120 51																			41	41		349			
1130 49																			5	5		382			
1140 47																			1	1		235			
1150 45																						118			
1160 43																						35			
1170 41																						15			
1180 39																						4			
1190 37																						1			
1200 35																						1			
TOTAL																							1658	1658	1658

Element (X) Zx¹ Zx X² % No. Obs. Mean No. of Hours with Temperature

Rel. Hum.	±0 F	±32 F	±67 F	±73 F	±80 F	±93 F	Total
8874056	120172	12.5	12.670	1658			
6052096	99768	60.2	5.943	1658	7.6	1.2	90
5058980	91262	55.0	3.260	1658			90
4303087	84253	50.8	3.617	1658			90

BLOOM CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MSC

PSYCHROMETRIC SUMMARY

720000 WASHINGTON AFB TX
 STATION NAME

69-84

YEARS

JAN
 MONTH

PAGE 1 1200-1400
 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.	Wet Bulb	Dew Point
90F-93																	0.1	2	2	
92F-91																	0.1	2	2	
90F-87																	0.1	5	5	
89F-86																	0.1	2	2	
89F-83																	0.1	3	3	
87F-81																	0.1	2	2	
86F-79																	0.1	5	5	
79F-77																	0.1	5	5	
76F-73																	0.1	8	8	
72F-71																	0.1	13	13	
70F-69																	0.1	32	32	
68F-67																	0.1	86	86	
66F-65																	0.1	168	168	
64F-61																	0.1	315	315	21
62F-61																	0.1	403	403	13
60F-59																	0.1	349	349	17
58F-57																	0.1	175	175	79
56F-55																	0.1	65	65	166
54F-53																	0.1	11	11	273
52F-51																	0.1	2	2	389
50F-49																	0.1	21	21	875
48F-47																	0.1	230	230	62
46F-45																	0.1	31	31	6
44F-43																	0.1	1	1	1
42F-41																	0.1	1	1	1
40F-39																	0.1	3	3	1657
38F-37																	0.1	1657	1657	
36F-33																	0.1	1657	1657	
TOTAL																	0.1	1657	1657	

Element (X) 2X¹ 2X X % No. Obs. Mean No. of Hours with Temperature

Rel. Hum.	70 F	73 F	80 F	93 F	Total
Dry Bulb	783754	112692	60010298	1657	
Wet Bulb	643885	103025	49467	1657	90
Dew Point	522872	92964	56.8	1657	90
	4352075	84723	51.1	1657	90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 723930 VANSEMBERG AFB CA STATION NAME 64-74.81-84 YEARS MONTH MIN

PAGE 1 1000-2000
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	
89/ 83																		1	1			
88/ 79																		1	1			
70/ 69										.1							1	1				
68/ 67				.1	.1	.1											4	4				
66/ 65				.5	.2	.1											8	8				
64/ 63			.4	.4	.5												13	13				
62/ 61		.3	1.3	1.6	.3												35	35		2		
60/ 59		1.2	6.6	3.1	.2	.3											114	114		5		
58/ 57		3.0	11.0	2.5	.2												176	176		12		
56/ 55		2.1	6.3	2.5													274	274		8		
54/ 53		2.1	9.4	.1	.4												268	268		52		
52/ 51		.1	7.4	3.3													109	109		133		
50/ 49		.1	.1	.1													3	3		225		
48/ 47																				307		
46/ 45																				176		
44/ 43																				86		
TOTAL		.635	.450	.711	1.0	1.5	.5	.1									1007	1007	1007	1007		
Element (X)	Z ₁	Z ₂	Z ₃	Z ₄	Z ₅	Z ₆	Z ₇	Z ₈	Z ₉	Z ₁₀	Z ₁₁	Z ₁₂	Z ₁₃	Z ₁₄	Z ₁₅	Z ₁₆	Mean No. of Hours with Temperature					
Rel. Hum.	6743389	82008	81.4	8.067	1007												= 0 F	= 32 F	= 67 F	= 80 F	= 93 F	Total
Dry Bulb	3149799	56227	55.8	3.200	1007														.6	.2	.2	90
Wet Bulb	2803815	53075	52.7	2.530	1007																	90
Dew Point	2540760	50504	50.2	2.791	1007																	90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 STATION

VANDENBERG AFB CA STATION NAME

64-74862-84 YEARS

ANN MONTH

PAGE 1 2100-0100 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
66/ 67						.1												1	1		
66/ 65					.1	.1												2	2		
66/ 63					.1	.1												1	1		
62/ 61		.3	.6	.1	.1													13	13		
60/ 59		1.0	1.1	.4														25	25		3
58/ 57		3.9	5.1	.4														87	87		5
56/ 55	.5	9.1	7.6															166	166	80	35
54/ 53	1.9	19.0	8.6	.4														288	288	188	114
52/ 51	1.2	21.9	7.3															289	289	279	185
50/ 49	.6	6.2	1.9															89	89	89	309
48/ 47	.5	.5	.2															7	7	7	175
46/ 45	.3																	3	3	3	124
44/ 43																					2
42/ 41																					15
TOTAL	4.3	61.5	32.4	1.3	.3	.2												964	964	964	964

Element (X)	Σ X ²	Σ X	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	
Rel. Hum.	7317907	83741	66.9	6.719	964							
Dry Bulb	2763699	51551	53.5	2.687	964			.1				90
Wet Bulb	2545737	49479	51.3	2.525	964							90
Dew Point	2386555	47887	49.7	2.637	964							90

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 723930 VANDENBERG AFB CA STATION NAME
 YEARS 64-64
 MONTH MA
 HOURS (L. S. T.) 0000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												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.	Wet Bulb	Dew Point
907 97																	.0	1	1	
907 93																	.0	5	5	
927 91																	.0	0	0	
907 89																	.0	4	4	
887 87																	.0	0	0	
867 85																	.0	9	9	
847 83																	.0	11	11	
827 81																	.0	8	8	
807 79																	.0	17	17	
787 77																	.0	13	13	
767 75																	.0	25	25	
747 73																	.0	21	21	
727 71																	.0	36	36	
707 69																	.0	82	82	
687 67																	.0	193	193	
667 65																	.0	375	375	
647 63																	.0	683	683	
627 61																	.0	1896	1896	
607 59																	.0	1329	1329	
587 57																	.0	1256	1256	
567 55																	.0	1336	1336	
547 53																	.0	1858	1858	
527 51																	.0	1326	1326	
507 49																	.0	610	610	
487 47																	.0	110	110	
467 45																	.0	35	35	
447 43																	.0	12	12	
427 41																	.0			
407 39																	.0			
387 37																	.0			
367 35																	.0			
347 33																	.0			
TOTAL	3.0	33.0	20.0	19.0	10.3	2.4	.7	.4	.2	.2	.1	.1	.1	.1	.1	.0	.0	9989	9989	9989

Element (X)	2 X	X	%	No. Obs.	Mean No. of Hours with Temperature				Total	
Ref. Num.					= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F
Dry Bulb	68009214	783384	78.4	9989						
Wet Bulb	3808665	51917	51.3	9989			31.8	9.4	4.8	720
Dew Point	2897336	53306	53.4	9989			.7			723
	2528508	50174	50.2	9989						720

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/AWG

PSYCHROMETRIC SUMMARY

723000 VANDENBERG AFB GS

64-73

STATION NAME

YEAR

04M

PAGE 1 0000-9300
 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
62.7	0.1	0.2	0.4	0.6	0.2												0	0	0	0
66.7	0.0	0.0	1.0	0.0													23	23	23	2
80.7	0.0	7.0	1.0	0.3													92	92	15	2
80.7	0.0	2.0	5.0														210	210	100	09
50.7	0.0	0.0	2.2														297	297	200	187
52.7	0.0	0.0	2.8														219	219	200	220
50.7	0.0	0.0	0.6														63	63	80	260
88.7	0.0	1.5															14	14	10	120
66.7	0.0	0.0															0	0	0	31
40.7	0.0																0	0	0	0
42.7	0.0																0	0	0	5
TOTAL	2.4	1.1	15.2	0.8	0.2												930	930	930	930

Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature				
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F
Rel. Hum.	7201051	02703	00.9	5.336	930					
Dry Bulb	2000300	69904	53.7	2.510	930					
Wet Bulb	2910700	48272	51.9	2.359	930					
Dew Point	2366010	47052	50.6	2.429	930					

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 72300 VANDENBERG AFB CA STATION NAME 69-73.81.83 YEARS MONTH 01

PAGE 1 0000-0000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL 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
62/ 61		.2	.1														3
64/ 60		.5	1.0														18
66/ 61		3.0	1.0														72
68/ 63		1.0	0.1	.1													172
50/ 63		0.0	1.0														264
52/ 64		0.0	1.2														268
50/ 66		0.0	.4														189
60/ 67		.1	1.0														72
60/ 68		1.0															13
68/ 63																	13
62/ 61		2.300	210.7	.1													933
TOTAL																	933
Element (X)	2 X	1 X	1 X	2 X	1 X	1 X	1 X	1 X	1 X	1 X	1 X	1 X	1 X	1 X	1 X	1 X	1 X
Rel. Hum.	78.7227	80.017	80.709	80.709	80.709	80.709	80.709	80.709	80.709	80.709	80.709	80.709	80.709	80.709	80.709	80.709	80.709
Dry Bulb	26.3319	26.3319	26.3319	26.3319	26.3319	26.3319	26.3319	26.3319	26.3319	26.3319	26.3319	26.3319	26.3319	26.3319	26.3319	26.3319	26.3319
Wet Bulb	24.7312	24.7312	24.7312	24.7312	24.7312	24.7312	24.7312	24.7312	24.7312	24.7312	24.7312	24.7312	24.7312	24.7312	24.7312	24.7312	24.7312
Dew Point	23.6578	23.6578	23.6578	23.6578	23.6578	23.6578	23.6578	23.6578	23.6578	23.6578	23.6578	23.6578	23.6578	23.6578	23.6578	23.6578	23.6578
Mean No. of Hours with Temperature																	
= 0 F = 73 F = 67 F = 32 F = 80 F = 93 F																	
Total																	
93																	
93																	
93																	

PSYCHROMETRIC SUMMARY

STATION 723000 POWERSERS RFB CA STATION NAME 69-84 YEARS MAY MONTH
 PAGE 1 0000-0000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL 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	27-28	29-30	≥31										
76/-98																		2	2												
76/-93																			1	1											
76/-89																			10	10											
69/-83																			9	9											
68/-88																			22	22											
68/-83																			36	36											
68/-81																			55	55											
68/-80																			97	97											
68/-87																			198	198											
68/-88																			322	322											
68/-88																			373	373											
68/-81																			252	252											
68/-89																			78	78											
68/-88																			11	11											
68/-83																			19	19											
68/-89																			1	1											
TOTAL	5.869	217.1	5.8	1.7	0.4	0.2												1459	1459												

Element (K)	2 1/2'	2 X	Y	4'	No. Obs.	Mean No. of Hours with Temperature			
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 93 F
Rel. Hum.	11380358	124028	87.7	8.386	1459				
Dry Bulb	6868932	80858	88.2	3.888	1459				
Wet Bulb	8138064	77522	83.8	2.873	1459			1.4	93
Dew Point	3895098	75288	51.6	2.626	1459				93

GLOBAL CLIMATOLOGY BRANCH
USAF/AFM
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION WARRIMERS AFB CA STATION NAME WARRIMERS AFB CA YEARS 69-89 MONTH NOV

PAGE 1 000001-100
HOURS (M. P. Y.)

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	10.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/79																		1	2		
79/77																		2	3		
78/76																		12	12		
77/75																		19	19		
76/74																		39	39		
75/73																		58	58		
74/72																		89	89		
73/71																		198	198		
72/70																		190	190		
71/69																		259	259		
70/68																		254	254		
69/67																		257	257		
68/66																		183	183		
67/65																		185	185		
66/64																		27	27		
65/63																		5	5		
64/62																					
63/61																					
62/60																					
61/59																					
60/58																					
59/57																					
58/56																					
57/55																					
56/54																					
55/53																					
54/52																					
53/51																					
52/50																					
51/49																					
50/48																					
49/47																					
48/46																					
47/45																					
46/44																					
TOTAL																		1665	1665		1665

Element (X)	2 X'	2 X	X	X'	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	2872262	126850	76.2	10.903	1665							
Dry Bulb	6212593	101309	60.9	9.962	1665			12.1	2.0			93
Wet Bulb	5328639	99098	56.5	3.130	1665							93
Dew Point	4707986	88414	53.1	2.803	1665							93

GLOBAL CLIMATOLOGY BRANCH
 WASHINGTON
 AIR SEWER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION NAME: WASHINGTON DFW CA
 STATION: WASHINGTON DFW CA

YEAR: 65-66

MONTH: APRIL

PAGE 1

1200000000
 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.	Wet Bulb	Dew Point
80																		2	2	
79																		2	2	
78																		6	6	
77																		14	14	
76																		28	28	
75																		92	92	
74																		82	82	
73																		140	140	2
72																		298	298	2
71																		369	369	2
70																		389	389	10
69																		216	216	55
68																		90	90	833
67																		14	14	291
66																		1	1	996
65																		11	11	942
64																				198
63																				90
62																				1657
61																				1657
60																				1657
59																				1657
58																				1657
57																				1657
56																				1657
55																				1657
54																				1657
53																				1657
52																				1657
51																				1657
50																				1657
49																				1657
48																				1657
47																				1657
46																				1657
45																				1657
TOTAL	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1657

Element (X)	2 X		X	%	No. Obs.	Mean No. of Hours with Temperature					Total
	2 X'	2 X''				≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	
Rel. Hum.	822789	114881	69.2	8.255	1657						
Dry Bulb	670936	105696	63.6	3.815	1660				2.5		
Wet Bulb	553756	95696	57.8	2.862	1657				2		
Dew Point	470957	8219	53.2	2.775	1657				2		

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 712020 VANDENBERG AFB CA STATION NAME
 YEARS 64-64 MONTH NOV
 PAGE 1 18NOV64 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL 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		27-28	29-30	31	O.S./M.B. Dry Bulb	TOTAL
80F-79																		2	2	
79F-77																		1	1	
77F-76																		5	5	
76F-73																		11	11	
73F-71																		24	24	
70F-69																		82	82	
69F-67																		79	79	
67F-64																		159	159	
64F-63																		253	253	
62F-61																		292	292	
60F-59																		328	328	
59F-57																		179	179	
56F-56																		50	50	
50F-53																		16	16	
52F-51																		1	1	
48F-47																				
46F-45																				
TOTAL																		1851	1851	1851

Element (X)	ΣX ¹	ΣX ²	X	Σ%	No. Obs.	Mean No. of Hours with Temperature					Total
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	
Rel. Hum.	7672777	109801	72.2	0.002	1451						
Dry Bulb	899070	89902	68.0	3.916	1452				10.7	1.5	93
Wet Bulb	693067	82439	56.8	2.983	1451				.2		93
Dew Point	4050631	76562	52.8	2.639	1451				.1		93

GLOBAL CLIMATOLOGY BRANCH
USAFAC
AIR WEATHER SERVICE/WAC

PSYCHROMETRIC SUMMARY

72390 STATION VANDENBERG AFB CA STATION NAME

64-79-79-81-83 YEARS

MONTH

PAGE 1 1000000 HOURS (L. 7)

Temp. (P)	WET BULB TEMPERATURE DEPRESSION (P)												TOTAL D.B./W.B.	TOTAL Wet Bulb	TOTAL 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	27-28	29-30	31													
70/ 93																		2	1												1037		
70/ 90																		0	0												1037		
69/ 87																		0	0												1037		
69/ 83																		13	13												1037		
69/ 81																		25	25												1037		
69/ 81																		56	56												1037		
69/ 81																		192	192												1037		
59/ 87																		276	276												1037		
59/ 86																		290	290												1037		
59/ 83																		180	180												1037		
59/ 81																		32	32												1037		
59/ 81																		2	2												1037		
69/ 87																															1037		
69/ 86																															1037		
69/ 83																															1037		
TOTAL																		1037	1037												1037		

Element (X)	Z X ²	Z X	Y	Y ²	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	
Rel. Hum.	1000000	85807	82.8	7.123	1037						
Dry Bulb	837297	59052	56.9	3.266	1037			1.2			93
Wet Bulb	303766	60074	59.1	2.321	1037						93
Dew Point	2789675	53685	51.8	2.289	1037						93

GLOBAL CLIMATOLOGY BRANCH
USAF/AFMCC
AIR WEATHER SERVICE/WAC

PSYCHROMETRIC SUMMARY

72200 VANDENBERG AFB TX
STATION NAME

68-79.83

YEARS

MM
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																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
60F-65																		2	2		
65F-68		.2																1	1		
68F-71		.4	.2															15	15	1	
70F-73		.5	.5	.5	.1													9	9	0	5
75F-78		2.1	2.5	.4														154	154	90	10
80F-83		20.2	5.7	.5														286	286	180	73
85F-88		27.2	7.6	.1														313	313	204	187
90F-93		37.2	3.0															139	139	80	103
95F-98		51.6	1.6															24	24	13	229
99F-02		.1	.3															1	1	1	87
00F-03		.1																			21
04F-07																					1
TOTAL	1.870	22.2	1.5	.1	.2													996	996	996	996

Element (X)	2 X ¹	2 X	X	S _n	No. Obs.	Mean No. of Hours with Temperature				Total
						≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Num.	70727	8727	87.6	5.617	996					
Dry Bulb	304890	5026	54.8	2.878	996					93
Wet Bulb	278259	5201	52.8	2.215	996					93
Dew Point	262520	51086	51.3	2.299	996					93

GLOBAL CLIMATOLOGY BRANCH
 USAF/AFSC
 AIR WEATHER SERVICE/AFAC

PSYCHROMETRIC SUMMARY

64-89

723920 VANDENBERG AFB CA

STATION NAME

YEARS

MONTH

PAGE 1

AAA

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL Wet Bulb	TOTAL 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	27-28	29-30				31
86/ 88																	2	2		
85/ 87																	5	5		
84/ 86																	12	12		
83/ 85																	33	33		
82/ 84																	55	55		
81/ 83																	182	182		
80/ 82																	194	194		
79/ 81																	321	321		
78/ 80																	639	639		
77/ 79																	876	876		
76/ 78																	1057	1057		
75/ 77																	1338	1338		
74/ 76																	1329	1329		
73/ 75																	1838	1838		
72/ 74																	1548	1548		
71/ 73																	930	930		
70/ 72																	281	281		
69/ 71																	99	99		
68/ 70																	17	17		
67/ 69																				
66/ 68																				
65/ 67																				
64/ 66																				
63/ 65																				
62/ 64																				
61/ 63																				
60/ 62																				
59/ 61																				
58/ 60																				
57/ 59																				
56/ 58																				
55/ 57																				
54/ 56																				
53/ 55																				
52/ 54																				
51/ 53																				
50/ 52																				
49/ 51																				
48/ 50																				
47/ 49																				
46/ 48																				
45/ 47																				
44/ 46																				
43/ 45																				
42/ 44																				
41/ 43																				
40/ 42																				
TOTAL	1.042	3.25	6.16	6.6	8.6	2.4	0.7	0.3	0.1	0.0							10132	10132	10120	10120

Element (X)	2 X ¹	2 X	X	%	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 32 F	33-67 F	68-93 F	> 93 F		
Rel. Hum.	68700924	818072	80.4	1.193	10128						
Dry Bulb	34720197	598077	80.3	6.339	10132			53.4	7.9		749
Wet Bulb	3899026	550036	59.8	3.972	10128			1.0			749
Dew Point	27525345	527239	52.1	2.785	10129			0.2			759

GLOBAL CLIMATOLOGY BRANCH
 USAF/AFAC
 AIR RESOURCE SERVICE/AMC

PSYCHROMETRIC SUMMARY

723000 WARRIMERS AFB CA STATION NAME YEARS MONTH
 69-73 70 81 82

PAGE 1 0000-0200
 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
60-65																		1	2	
60-65																		12	12	
60-65																	60	60	12	6
60-65																	152	152	60	25
60-65																	349	308	308	97
60-65																	262	262	262	283
60-65																	97	97	283	320
60-65																	10	10	61	156
60-65																	1	3	18	39
60-65																			1	16
60-65																				4
TOTAL																	958	958	958	958

Element (X)	Σ X ²	Σ X	X̄	s ²	No. Obs.	Mean No. of Hours with Temperature				Total
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 80 F	
Rel. Hum.	7677109	83883	89.5	5.243	955					
Dry Bulb	2900736	52748	55.1	2.301	958					91
Wet Bulb	2720716	50930	53.3	2.203	955					93
Dew Point	2597756	49756	52.1	2.388	955					93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/WAC

PSYCHROMETRIC SUMMARY

72390 STATION NAME
 VANMENSEN AFB CA

69-73, 79, 81-82, 84 YEARS

AUG MONTH

PAGE 1 03000-0600 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																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	
000-03																	2		2			
030-06		.1															4		4			
060-09		0.3	1.0	.5													92	92	92	10	5	
090-12		1.0	2.0	.1													96	96	96	8	19	
120-15		2.0	3.0	.1													300	300	300	100	00	
150-18		1.0	1.0														336	336	336	100	00	
180-21		1.0	1.0														131	131	131	300	351	
210-24		0.3	0.3	.2													27	27	27	80	101	
240-27																	6	6	6	10	05	
270-30																					4	19
300-03																					0	0
TOTAL			2.007.0	9.0	.6	.2												953	956	956	953	

Element (X)	Σ X'	Σ X	X'	X	No. Obs.	Mean No. of Hours with Temperature					Total
						≥ 32 F	≥ 30 F	≥ 27 F	≥ 23 F	≥ 19 F	
Rel. Hum.	7030004	16292	90.5	5.212	953						953
Dry Bulb	2608884	52106	54.5	2.308	956						956
Wet Bulb	2672345	50423	52.9	2.168	953						953
Dew Point	2568868	49425	51.9	2.349	953						953

GLOBAL CLIMATOLOGY BRANCH
USAF/FAO
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 72300 HANDBERG AFB CA STATION NAME 65-84 YEAR 1965 MONTH AVG

PAGE 1 0000-2400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)										TOTAL		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	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb
82F-83									.1									1	1	
76F-78								.1										2	2	
70F-73								.1										3	3	
72F-71					.1		.1											3	3	
70F-69				.1	.1		.1											5	5	
68F-67			.1	.1	.2		.1											10	10	
66F-65		.2	.4	.7	.3		.1											24	24	
64F-63		.3	.7	1.0	.1		.1											33	33	
62F-61		1.2	1.8	1.6	.1		.1											71	71	1
60F-59	.1	0.5	0.1	1.1	.1													197	150	48
58F-57	.2	1.9	5.4	.6														269	269	83
56F-55	.7	3.2	3.0	.2														402	402	131
54F-53	1.0	4.0	.7	.1														380	380	97
52F-51	.9	6.9	.2															120	120	36
50F-49	.1	.9																15	15	6
48F-47	.1	.1																1	1	8
46F-45																				
44F-43																				
42F-41																				
TOTAL	3.073	116.4	5.7	.9	.9	.5	.3	.1										1490	1490	1490

Element (X)	Σ X'	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total
						≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Rel. Hum.	1800016	13136	88.2	8.320	1490						
Dry Bulb	978868	80006	56.2	3.596	1494	1.5	.4	.1			93
Wet Bulb	983068	80718	59.2	2.683	1490	.1					93
Dew Point	9151914	78558	52.7	2.600	1490						93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 223030 VANDENBERG AFB CA STATION NAME 64-84 YEARS AUG MONTH 0900-1800 HOURS (L. S. T.)

PAGE 1

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	
90/ 89									.1								2	2	2			
86/ 85												.1					1	1	1			
82/ 83								.1	.1								2	2	2			
82/ 81								.1	.1								3	3	3			
80/ 79					.1			.2	.1								4	4	4			
78/ 77					.1			.1	.1								7	7	7			
76/ 75					.1			.3	.4								15	15	15			
74/ 73			.1		.3			.5	.2								26	26	26			
72/ 71			.1	.1	.2			.6	.5	.1							31	31	31	3		
70/ 69		.1	.1	.6	2.6	1.7	.2	.2	.1								90	90	90	5		
68/ 67		.5	2.5	3.0	1.1	.3		.4									124	124	124	7		
66/ 65		.1	.9	6.0	4.0	.4											195	195	195	10		
64/ 63		.6	3.9	7.1	2.3	.7											230	230	230	6		
62/ 61		1.8	7.1	5.7	.7												261	261	261	26		
60/ 59		3.0	9.0	1.8	.1												271	271	271	60		
58/ 57		8.0	4.7	.6													227	227	227	181		
56/ 55	.1	7.9	1.6														164	164	164	452		
54/ 53	.1	2.6	.1														46	46	46	997		
52/ 51																			40	337		
50/ 49																			114	114		
48/ 47																				13		
46/ 45																				7		
44/ 43																				1		
38/ 37																				1		
TOTAL		.226	.028	.124	.513	.4	4.6	1.9	.8	.4	.2	.1					1707	1707	1707	1707		

Element (X)	Σx ¹	Σx	x̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	
Rel. Hum.	18038138	129336	75.811	.826	1707						
Dry Bulb	6640862	106118	62.2	5.061	1707			3.3		.6	93
Wet Bulb	5671020	98258	57.6	2.976	1707			.8			93
Dew Point	5010939	92361	54.1	2.807	1707			.2			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

723930 STATION
VANDBERG AFB CA
STATION NAME

65-83

YEARS

AMS
MONTH

PSYCHROMETRIC SUMMARY

PAGE 1 1200-1000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL 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	27-28	29-30
86/ 83																	1	1	1	
82/ 81								.1									2	2	2	
80/ 79								.1									3	3	3	
78/ 77								.1									4	4	4	
76/ 75					.2			.5									27	27	27	
74/ 73				.1	.4			.8									42	42	42	
72/ 71				.4	1.0			1.1									53	53	53	
70/ 69			.2	.8	4.2			3.0									146	146	146	
68/ 67	.1	.4	3.9	5.9	2.1			.3									215	215	215	17
66/ 65		1.4	1.8	9.2	.5												322	322	322	31
64/ 63	.1	2.0	1.6	4.9	.1												416	416	416	74
62/ 61	.5	5.6	0.1	.8													255	255	255	28
60/ 59	.9	3.4	2.1														100	100	100	61
58/ 57	.3	1.6															33	33	33	201
56/ 55	.1	.1															5	5	5	280
54/ 53																				34
52/ 51																				329
50/ 49																				95
48/ 47																				13
46/ 45																				5
TOTAL		1.4	15.5	43.8	26.6	6.1	3.0	1.1	.3	.2							1700	1700	1700	

Element (X)	Z _g	Z _x	X	X'	No. Obs.	Mean No. of Hours with Temperature				Total	
Rel. Hum.	7999736	115678	68.0	8.300	1700	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 93 F	
Dry Bulb	7240061	118789	65.2	3.780	1700			27.4	4.6	.2	93
Wet Bulb	5898942	100056	58.9	2.926	1700			.7			93
Dew Point	5001036	92094	54.2	2.661	1700						93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION **723930** **VANDENBERG AFB CA** STATION NAME **64-84** YEARS **ANN** MONTH **1950-07**

PAGE 1 1800-0700 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.	Wet Bulb	Dew Point
807-87																		1		
820-81																		2		
780-79																		3		
700-73																		7		
720-71																		16	16	
700-69																		38	38	
680-67																		66	66	
660-65																		182	182	
640-63																		206	206	
620-61																		319	319	1
600-59																		586	586	16
580-57																		251	251	81
560-55																		118	132	103
500-53																		21	21	80
520-51																		3	3	6
500-49																				326
480-47																				80
460-45																				8
TOTAL																		1496	1496	1496

Element (X)	2 X'	2 X	X	%	No. Obs.	Mean No. of Hours with Temperature				Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 93 F	
Ref. Num.	7913972	108056	72.2	8.523	1496					
Dry Bulb	908906	90994	63.1	3.862	1496			16.7	1.8	93
Wet Bulb	9019765	86583	57.9	2.407	1496			2		93
Dew Point	9353935	80625	53.9	2.406	1496					93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 VANDENBERG AFB CA STATION NAME

69-79, 79-89

MONTH

PAGE 1 1800-2000 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.	Wet Bulb
70/ 73						.1											1	1	
72/ 71						.1											1	1	
70/ 69				.1	.2												3	3	
69/ 67			.1	.4	.4	.1											10	10	
66/ 65		.1	.3	1.1	.7	.1											23	23	
64/ 63		.2	1.3	1.7	.4												37	37	
62/ 61		1.7	5.5	2.4	.1												104	104	2
60/ 59		6.4	13.2	1.9													233	233	16
58/ 57		16.5	15.1	.2													343	343	89
56/ 55		17.8	6.4														260	260	202
50/ 53	.2	4.5	1.0														63	63	379
52/ 51																	82	82	330
50/ 49																	1	1	93
48/ 47																	5	5	5
TOTAL	.267	102.9	7.7	1.7	1.7	.3		.1									1076	1077	1076

Element (X)	Σ X'	Σ X	X̄	S ²	No. Obs.	Mean No. of Hours with Temperature					Total
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	
Rel. Hum.	7800819	89809	83.5	6.721	1076						
Dry Bulb	300270	62616	58.1	2.025	1077	1.3					93
Wet Bulb	329688	59542	55.3	2.123	1076						93
Dew Point	3846331	57207	53.2	2.123	1076						93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAAC

PSYCHROMETRIC SUMMARY

723930 VANDENBERG AFB CA STATION NAME

64-79,78,81-84 YEARS

AVG MONTH

PAGE 1 2100000000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL D.B./W.B.	TOTAL Wet Bulb	TOTAL 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	27-28	29-30	≥31
60F-63				.1	.7	.2											10	10		
62F-64			1.0	.5	.3												25	25		
60F-60		.4	3.9	.4													109	109	9	
50F-57		3.8	8.6	.2													206	206	26	
56F-60		3.3	4.5	.2													369	378	171	
50F-53		3.5	1.0														180	188	320	
52F-54		.3	3.3	.5													40	40	350	
50F-49		.1	.1														2	2	118	
60F-67																			2	25
66F-68																				1
60F-63																				1
TOTAL		1.0	70.4	20.4	2.0	.3											1021	1022	1021	1021

Element (X)	Σ X'	Σ X	Y	Y'	No. Obs.	Mean No. of Hours with Temperature						Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F		
Rel. Hum.	7023310	89624	87.8	5.929	1021								
Dry Bulb	323609	57033	56.2	2.895	1022								93
Wet Bulb	300237	55329	54.2	2.030	1021								93
Dew Point	2839330	53796	52.7	2.179	1021								93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WOMEN SERVICE/MAC

PSYCHROMETRIC SUMMARY

723090 TAMMERS AFB CA STATION NAME

64-84

YEARS

0000 NORTH

PAGE 1

001 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																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
90/ 09																		2	2		
89/ 07																		1	1		
88/ 06																		1	1		
87/ 03																		3	3		
86/ 01																		0	0		
85/ 79																		7	7		
84/ 77																		19	19		
83/ 75																		51	51		
82/ 73																		80	80		
81/ 71																		110	110		
80/ 69																		319	319		
80/ 67																		500	500		
80/ 65																		848	848		
80/ 63																		1058	1058		
80/ 61																		1050	1050		
80/ 59																		1218	1218		
80/ 57																		1520	1520		
80/ 55																		1678	1678		
80/ 53																		3276	3276		
80/ 51																		380	380		
80/ 49																		62	62		
80/ 47																		10	10		
80/ 45																		7	7		
80/ 43																					
80/ 41																					
80/ 37																					
TOTAL																		10398	10410	10398	80398

Element (X)	Z X ¹	Z X	Y	%	No. Obs.	Mean No. of Hours with Temperature				Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	6000000	83602	80.511	720	10398						
Dry Bulb	3700270	62032	59.6	9.293	10410			79.5	12.9	1.4	799
Wet Bulb	3266803	58139	56.0	3.262	10398			2.4			799
Dew Point	2956909	55325	53.3	2.626	10398			.3			799

GLOBAL CLIMATOLOGY BRANCH
 USAF/AFM
 AIR WORKER SERVICE/AMC

PSYCHROMETRIC SUMMARY

123910 STATION YANDEBERG AFB CA STATION NAME 63-72.82.89 YEARS SEP
MONTH

PAGE 1 0800-0800
 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.	Wet Bulb	Dew Point	D.B./W.B.	Wet Bulb	Dew Point
80/70								.3										3	3		3	3	
70/71							.1											1	1		1	1	
70/70						.1												2	2		2	2	
70/73			.3															5	5		5	5	
72/70				.2							.1							1	1		1	1	
70/66			.2															5	5		5	5	
60/67		.2							.2									8	8		8	8	
66/65		.3						.1	.2									12	12		12	12	
60/63		.7			.1			.1	.2		.2							25	25		25	25	
62/61		1.2		.7	.1			.1	.1		.1							39	39		39	39	
60/60	.1	5.0	3.5	.5	.2	.3	.3	.2										182	182	23	182	182	23
50/67	1.7	3.0	5.2	.1	.2	.3	.4	.2										218	218	66	218	218	66
50/65	2.1	3.2	0.5	.8	.4		.1	.1										283	283	870	283	283	870
50/63	0.7	3.0	2.6	.6	.6	.1												162	162	161	162	162	161
52/61	.1	3.2	1.5	.2														71	71	203	71	71	203
50/60		3.0	.4															39	39	115	39	39	115
60/60		2.2	.6	.1														28	28	53	28	28	53
60/60		2.3	.2															24	24	30	24	24	30
60/63		.6																6	6	39	6	6	39
62/61																		9	9	34	9	9	34
60/60																		14	14	14	14	14	14
60/60																		4	4	4	4	4	4
60/60																		3	3	3	3	3	3
60/60																		5	5	5	5	5	5
60/60																		4	4	4	4	4	4
60/60																		3	3	3	3	3	3
60/60																		2	2	2	2	2	2
60/60																		1	1	1	1	1	1
TOTAL	5.762	720.3	4.5	1.4	1.4	1.6	1.5	.9	.4	.1								964	964	964	964	964	964

Element (X)	Zx'		Zx		X	%	No. Obs.	Mean No. of Hours with Temperature				Total
	2x'	1x'	2x	1x				≤ 0 F	≤ 32 F	≤ 67 F	≤ 93 F	
Rel. Hum.	7878018	84.5	84.5	14.026	964		964					
Dry Bulb	3095011	56.0	56.0	4.777	964		964	1.0				90
Wet Bulb	2756061	53.3	53.3	4.307	964		964					90
Dew Point	2539869	50.9	50.9	6.293	964		964		2.2			90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72300 YONKERS AFB GA STATION NAME

63-84

YEARS

SEP

MONTH

PAGE 1

DAYS 30

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	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
92/ 91																		8			
86/ 86												.1						1			
82/ 81									.1			.1						3			
80/ 79									.1		.1							2			
78/ 77								.1	.1									7			
76/ 75				.1	.1			.1	.1									12			
74/ 73				.1	.1			.1	.1									13			
72/ 71		.1	.1	.1	.1			.1	.1									13			
70/ 69		.1	.1	.1	.1			.1	.1									26			1
69/ 67		.1	.1	.1	.1			.1	.1									29			
66/ 66		.1	.1	.1	.1			.1	.1									59			9
64/ 63		.1	.1	.1	.1			.1	.1									79			15
62/ 61		.1	.1	.1	.1			.1	.1									129			7
60/ 59		.1	.1	.1	.1			.1	.1									183			
58/ 57		.1	.1	.1	.1			.1	.1									303			63
56/ 55		.1	.1	.1	.1			.1	.1									321			268
54/ 53		.1	.1	.1	.1			.1	.1									228			393
52/ 51		.1	.1	.1	.1			.1	.1									88			320
50/ 49		.1	.1	.1	.1			.1	.1									31			152
48/ 47		.1	.1	.1	.1			.1	.1									13			79
46/ 45		.1	.1	.1	.1			.1	.1									12			43
44/ 43		.1	.1	.1	.1			.1	.1									1			36
42/ 41																					1
40/ 39																					12
38/ 37																					13
36/ 35																					11
34/ 33																					1
32/ 31																					3
30/ 29																					3
28/ 27																					6
26/ 25																					3
24/ 23																					1
22/ 21																					2
20/ 19																					

Mean No. of Hours with Temperature

Total

≥ 60 F

≥ 70 F

≥ 80 F

≥ 90 F

Total

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

Element (X)

2 X

X

%

No. Obs.

Total

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAAC

PSYCHROMETRIC SUMMARY

72930 STATION VANDENBERG AFB CA STATION NAME 63-64 YEARS

PAGE 1 0000-1100 MONTH SEP 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
98/ 97																	.1	2	2		
96/ 96																	.2	2	2		
94/ 93																	.2	5	5		
92/ 91																	.1	6	6		
90/ 89																	.1	10	10		
88/ 87																	.1	7	7		
86/ 85																	.1	19	19		
84/ 83																	.1	16	16		
82/ 81																	.1	15	15		
80/ 79																	.1	33	33		
78/ 77																	.1	33	33		
76/ 75																	.1	50	50		
74/ 73																	.1	53	53		5
72/ 71																	.1	63	63		2
70/ 69																	.1	112	112		7
68/ 67																	.1	195	195		7
66/ 65																	.1	197	197		12
64/ 63																	.1	237	237		25
62/ 61																	.1	215	215		69
60/ 59																	.1	211	211		105
58/ 57																	.1	165	165		277
56/ 55																	.1	102	102		363
54/ 53																	.1	25	25		209
52/ 51																	.1	2	2		226
50/ 49																	.1	1	1		90
48/ 47																	.1				61
46/ 45																	.1				30
44/ 43																	.1				28
42/ 41																	.1				12
40/ 39																	.1				8
38/ 37																	.1				15
36/ 35																	.1				6
34/ 33																	.1				11
32/ 31																	.1				1
Element (X)	2X ²	2X	X	X	No. Obs.	Mean No. of Hours with Temperature												Total			
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72390 VANDENBERG AFB CA STATION NAME

63-64 YEARS

SEP MONTH

PAGE 1 1200-1900 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	
90/ 97																		2	2			
90/ 96																		5	5			
90/ 95																		4	4			
92/ 91																		4	4			
90/ 90																		12	12			
90/ 87																		10	10			
86/ 85																		19	19			
86/ 83																		12	12			
82/ 81																		23	23			
80/ 79																		24	24			
78/ 78																		43	43			
76/ 75																		51	51			
70/ 73																		71	71			
72/ 71																		87	87			
70/ 69																		163	163			
68/ 67																		262	262			
66/ 65																		312	312			
64/ 63																		291	291			
62/ 61																		182	182			
60/ 59																		116	116			
58/ 57																		38	38			
56/ 55																		3	3			
50/ 53																		1	1			
52/ 51																						
50/ 49																						
48/ 47																						
46/ 45																						
44/ 43																						
42/ 41																						
40/ 39																						
38/ 37																						
36/ 35																						
34/ 33																						
32/ 31																						
Element (X)	Z X ²	Z X	X	%	No. Obs.	Mean No. of Hours with Temperature																Total
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 80 F	≤ 93 F											Total	
Dry Bulb																						
Wet Bulb																						
Dew Point																						

GLOBAL CLIMATOLOGY BRANCH
 USAF/OSC
 AIR WEATHER SERVICE/WAC

PSYCHROMETRIC SUMMARY

STATION 723938 VANDENBERG AFB CA STATION NAME YEARS 63-64 MONTH SEP

PAGE 2 1200-1800 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	Dry Bulb	Wet Bulb	Dew Point
30/ 29																				5
26/ 25																				2
29/ 23																				1
TOTAL																		1735	1735	1735

Element (X)	Σ X'		Σ X		r _a	No. Obs.	Mean No. of Hours with Temperature					Total
	Rel. Hum.	Dry Bulb	Wet Bulb	Dew Point			≥ 80 F	≥ 73 F	≥ 67 F	≥ 60 F	≥ 55 F	
Rel. Hum.	7858616	113922	65.714	172	1735							
Dry Bulb	7935312	116768	67.3	6.531	1735						18.5	90
Wet Bulb	6250769	103967	59.9	3.057	1735						4.0	90
Dew Point	5192264	94499	54.5	5.104	1735						0.7	90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 VANDENBERG AFB CA STATION NAME

63-84 YEARS

SEP MONTH

PAGE 1 1500-1700 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.	Wet Bulb	Dry Bulb	Wet Bulb	Dew Point
94/ 93										.1	.1	.1				.1		4	4			
92/ 91										.1	.1	.1	.1					6	6			
90/ 89									.1	.1	.1	.1	.1					6	6			
88/ 87									.1	.1	.1	.1	.1	.1				6	6			
86/ 85									.1	.1	.1	.1	.1	.1				9	9			
84/ 83									.1	.1	.1	.1	.1	.1				7	7			
82/ 81									.1	.1	.1	.1	.1	.1				13	13			
80/ 79									.1	.1	.1	.1	.1	.1				12	12			
78/ 77									.1	.1	.1	.1	.1	.1				17	17			
76/ 75									.1	.1	.1	.1	.1	.1				28	28			
74/ 73									.1	.1	.1	.1	.1	.1				47	47		3	
72/ 71									.1	.1	.1	.1	.1	.1				50	50		8	
70/ 69									.1	.1	.1	.1	.1	.1				91	91		19	
68/ 67									.1	.1	.1	.1	.1	.1				136	136		22	
66/ 65									.1	.1	.1	.1	.1	.1				218	218		32	
64/ 63									.1	.1	.1	.1	.1	.1				272	272		90	
62/ 61									.1	.1	.1	.1	.1	.1				284	284		181	
60/ 59									.1	.1	.1	.1	.1	.1				248	248		92	
58/ 57									.1	.1	.1	.1	.1	.1				77	77		403	
56/ 55									.1	.1	.1	.1	.1	.1				14	14		310	
54/ 53									.1	.1	.1	.1	.1	.1				1	1		88	
52/ 51									.1	.1	.1	.1	.1	.1				5	5		227	
50/ 49									.1	.1	.1	.1	.1	.1							108	
48/ 47									.1	.1	.1	.1	.1	.1							49	
46/ 45									.1	.1	.1	.1	.1	.1							23	
44/ 43									.1	.1	.1	.1	.1	.1							10	
42/ 41									.1	.1	.1	.1	.1	.1							5	
40/ 39									.1	.1	.1	.1	.1	.1							2	
38/ 37									.1	.1	.1	.1	.1	.1							6	
36/ 35									.1	.1	.1	.1	.1	.1							3	
34/ 33									.1	.1	.1	.1	.1	.1							4	
32/ 31									.1	.1	.1	.1	.1	.1							3	
30/ 29									.1	.1	.1	.1	.1	.1							3	
28/ 27									.1	.1	.1	.1	.1	.1							1	
Element (X)	Z ₁ ²	Z ₁	Z ₂	Z ₃	Z ₄	Z ₅	Z ₆	Z ₇	Z ₈	Z ₉	Z ₁₀	Z ₁₁	Z ₁₂	Z ₁₃	Z ₁₄	Z ₁₅	Z ₁₆	Z ₁₇	Z ₁₈	Z ₁₉	Z ₂₀	
Rel. Hum.																						Total
Dry Bulb																						
Wet Bulb																						
Dew Point																						

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 723930 VANDENBERG AFB CA STATION NAME 63-7481-84 YEARS MONTH SEP

PAGE 1 000000
 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
94/ 93												.2						1	1		
92/ 91												.1						1	1		
90/ 89								.2				.1						3	3		
88/ 87								.1										1	1		
86/ 85								.2										2	2		
82/ 81								.1										1	1		
80/ 79								.3										4	4		
78/ 77								.1										3	3		
76/ 75								.2										7	7		
74/ 73								.1				.1						4	4		
72/ 71				.1	.2			.1				.3						16	16		
70/ 69			.2	.3	.4			.1				.1						17	17		
68/ 67		.3	.2	.2	.4	.2		.3				.1						21	21		3
66/ 65		.3	.3	1.2	.6	.2		.2				.2						39	39		6
64/ 63		1.0	1.5	1.5	.6	.1		.2				.1						57	57		21
62/ 61		0.8	3.2	3.0	.6	.1		.2				.2						154	154		34
60/ 59	.2	9.2	12.0	1.6	.3			.1										207	207		183
58/ 57	.3	13.0	11.9	1.8	.2	.1												327	327		262
56/ 55	.3	9.3	3.5	.6														161	161		309
54/ 53	2.0	1.5																50	50		280
52/ 51	.3																	4	4		87
50/ 49																		4	4		227
48/ 47																					21
46/ 45																					107
44/ 43																				3	45
42/ 41																					14
40/ 39																					7
36/ 35																					4
34/ 33																					0
32/ 31																					6
30/ 29																					5
28/ 27																					4
24/ 23																					1
																					1

Element (X)	24'		2 X		X	%	No. Obs.	Mean No. of Hours with Temperature				Total
	= 0 F	= 32 F	= 67 F	= 73 F				= 80 F	= 93 F			
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 STATION YANDEMBERG AFB CA
 STATION NAME

63-79.81-89

YEARS

SEP

MONTH

PAGE 2 1166-2000
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL D.B./W.B.	TOTAL 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	27-28	29-30	≥ 31
TOTAL	0	0.7	0.8	1.0	1.5	0.7	0.5	0.5	0.2	0.1							1162	1162	
Rel. Hum.																			
Dry Bulb																			
Wet Bulb																			
Dew Point																			

Element (X)	Zx ¹	X	X _n	No. Obs.	Mean No. of Hours with Temperature					Total
					≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	
Rel. Hum.	93117	80.212	709	1162						
Dry Bulb	69454	59.8	4.005	1162			6.8	2.2	0.9	0.1
Wet Bulb	3675063	56.1	3.337	1162			1.5	0.2		
Dew Point	3317272	61.68	0.475	1162		0.5	0.2			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/WAC

PSYCHROMETRIC SUMMARY

STATION 723030 VANDENBERG AFB CA STATION NAME 61-79, 79-90, 92-95 YEARS SEP
 MONTH 2800-2300
 HOURS (L. S. T.) PAGE 1

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.	Wet Bulb	Dew Point
80/ 07																		1		
86/ 08								.1										2		
82/ 01								.1										2		
80/ 79								.2										2		
78/ 77								.1										1		
76/ 75								.2										2		
76/ 73					.3			.1										7		2
72/ 71					.2			.2										5		1
70/ 69			.1		.2			.1										6		1
68/ 67	.2		.4		.1			.1										18	10	2
66/ 65	.7		.4		.1			.2										22	22	11
64/ 63	.4		.6		.3			.1										25	25	16
62/ 61	2.0	3.4	1.4		.1			.1										83	83	18
60/ 59	.2	7.0	6.1	.5	.2	.3	.2	.6										168	168	78
58/ 57	.1	11.3	8.7	.5	.2	.5	.5	.1										298	298	162
56/ 55	1.2	13.4	6.6	.8	.1	.2	.1	.1										243	293	187
54/ 53	.1	8.2	3.3	.2				.1										128	128	248
52/ 51	3.4	1.7	.1															57	57	193
50/ 49	.8	.9																19	19	78
48/ 47	.5																	5	5	38
46/ 45																				16
44/ 43																				34
42/ 41																				23
40/ 39																				10
38/ 37																				7
36/ 35																				5
34/ 33																				1
32/ 31																				3
30/ 29																				6
28/ 27																				7
22/ 21																				2
TOTAL	1.755	32.2	4.2	4.2	1.4	1.9	1.2	.5	.3	.1							1086	1086	1086	

Element (X)	Zx'	Zx	X'	X	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	7702822	90880	83.3	82.3	1086	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Dry Bulb	3616620	62488	57.5	4.908	1086			3.1	1.4	.5	90
Wet Bulb	3258841	59317	54.0	3.714	1086			.6	.2		90
Dew Point	2988140	56696	52.2	5.103	1086		1.3	.2			90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAAC

PSYCHROMETRIC SUMMARY

STATION 723990 STATION NAME VANDENBERG AFB CA YEARS 63-64 MONTH SEP

PAGE 1

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	
98/97																						
96/95																						
94/93																						
92/91																						
90/89																						
88/87																						
86/85																						
84/83																						
82/81																						
80/79																						
78/77																						
76/75																						
74/73																						
72/71																						
70/69																						
68/67																						
66/65																						
64/63																						
62/61																						
60/59																						
58/57																						
56/55																						
54/53																						
52/51																						
50/49																						
48/47																						
46/45																						
44/43																						
42/41																						
40/39																						
38/37																						
36/35																						
34/33																						
32/31																						

Element (X)	Mean No. of Hours with Temperature					Total
	≥ 0 F	≥ 32 F	≥ 67 F	≥ 80 F	≥ 93 F	
Rel. Hum.						
Dry Bulb						
Wet Bulb						
Dew Point						

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 STATION

VANDENBERG AFB CA STATION NAME

63-89 YEARS

SEP MONTH

PAGE 2

000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												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
30/ 29																					30
28/ 27																					17
26/ 25																					29
24/ 23																					9
22/ 21																					7
20/ 19																					2
18/ 17																					7
16/ 15																					2
TOTAL	1.935	225.315	2	9.3	4.7	2.7	1.8	1.1	0.6	0.5	0.4	0.3	0.3	0.2	0.2	0.2	10729	10729	10729	10729	
Element (X)	2 X'	2 X	X	%	No. Obs.	Mean No. of Hours with Temperature											Total				
Rel. Hum.	65391386	810162	76.3	16.072	10729	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F				1.7						
Dry Bulb	41229086	639694	61.5	7.231	10729				140.1	53.6	19.3				720						
Wet Bulb	30761299	608827	56.7	4.954	10729				16.8	2.1				720							
Dew Point	30530298	569284	53.1	5.495	10729				8.8	3.4	0.5				720						

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/WAC

PSYCHROMETRIC SUMMARY

723000 STATION NAME: WANDENBERG AFB CA YEAR: 63-72, 77, 79-80, 82 MONTH: MAY

PAGE 1 000000Z00
 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
70/ 73																		1	2		
72/ 71																		1	1		
70/ 69																		3	3		
68/ 67																		0	0		
66/ 65																		11	11		
64/ 63																		11	11		
62/ 61																		35	35		
60/ 59																		100	100		1
58/ 57																		150	150		26
56/ 55																		180	180		78
54/ 53																		140	140		187
52/ 51																		120	120		178
50/ 49																		60	60		326
48/ 47																		30	30		116
46/ 45																		30	30		75
44/ 43																		17	17		18
42/ 41																		2	2		37
40/ 39																		3	3		35
38/ 37																					30
36/ 35																					19
34/ 33																					19
32/ 31																					21
30/ 29																					13
28/ 27																					9
26/ 25																					0
24/ 23																					0
22/ 21																					10
20/ 19																					0
18/ 17																					1
TOTAL	4,899,228.9	7.2	3.0	3.3	2.7	2.0	1.7	1.0										953	953		953

Element (X)	Zx'	Zx	X	X'	No. Obs.	Mean No. of Hours with Temperature				Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 80 F	≥ 93 F
Rel. Hum.	6171809	74658	78.318	822	953					
Dry Bulb	2004335	52091	59.6	9.701	953			1.3		93
Wet Bulb	2002609	48059	50.8	9.864	953					93
Dew Point	2160457	48858	47.1	7.736	953		6.4			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AMOC

PSYCHROMETRIC SUMMARY

723030 YANSEWERS AFB CA STATION NAME

63-72, 71-78, 00, 83-84 YEARS

PAGE 1 MONTH JANUARY 1950 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (P)																TOTAL D.B./M.B. Dry Bulb	TOTAL 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	27-28	29-30			≥ 31		
70F-80																		1	1		
65F-67																		2	2		
64F-65																		10	10		
60F-63																		11	11		
62F-61																		29	29		
60F-59																		79	79		
58F-57																		107	107		
56F-55																		188	188		
50F-53																		179	179		
52F-51																		128	128		
50F-48																		98	98		
40F-47																		52	52		
46F-45																		40	40		
40F-43																		21	21		
42F-41																		3	3		
40F-39																		4	4		
30F-37																		2	2		
36F-35																		1	1		
30F-33																		4	4		
32F-31																		2	2		
30F-29																		1	1		
20F-27																		2	2		
26F-25																		14	14		
20F-23																		9	9		
22F-21																		5	5		
20F-19																		7	7		
10F-17																		3	3		
10F-13																		2	2		
TOTAL	5,003	425	310	2	2	2	2	2	2	2	2	2	2	2	2	2	2	955	955		955

Element (X)	2x ¹	2x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature				
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 80 F	≥ 93 F
Ref. Hum.	6107670	70169	77.7	19.105	955					Total
Dry Bulb	2708755	51361	53.8	9.797	955					93
Wet Bulb	2000791	97711	50.0	9.713	955					93
Dew Point	2083650	43890	46.0	8.352	955					93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/WAC

PSYCHROMETRIC SUMMARY

STATION 73029 STATION NAME TEMPLEERS AFB CA YEARS 63-64 MONTH ACT
 PAGE 1 00000000
 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	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
80/79											.1		.1					2	2			2	2			
78/77											.1		.1					1	1			1	1			
76/75								.1			.1		.1					2	2			2	2			
74/73								.1			.1		.1					5	5			5	5			
72/71								.1			.1		.1					8	8			8	8			
70/69								.1			.1		.1					15	15			15	15			
68/67								.1			.1		.1					18	18			18	18			
66/65								.1			.1		.1					38	38			38	38			
64/63								.1			.1		.1					53	53			53	53			
62/61								.1			.1		.1					85	85			85	85			
60/59								.1			.1		.1					168	168			168	168			
58/57								.1			.1		.1					221	221			221	221			
56/55								.1			.1		.1					258	258			258	258			
54/53								.1			.1		.1					226	226			226	226			
52/51								.1			.1		.1					165	165			165	165			
50/49								.1			.1		.1					116	116			116	116			
48/47								.1			.1		.1					73	73			73	73			
46/45								.1			.1		.1					42	42			42	42			
44/43								.1			.1		.1					15	15			15	15			
42/41								.1			.1		.1					3	3			3	3			
40/39								.1			.1		.1					6	6			6	6			
38/37								.1			.1		.1					3	3			3	3			
36/35								.1			.1		.1													
34/33								.1			.1		.1													
32/31								.1			.1		.1													
30/29								.1			.1		.1													
28/27								.1			.1		.1													
26/25								.1			.1		.1													
24/23								.1			.1		.1													
22/21								.1			.1		.1													
20/19								.1			.1		.1													
18/17								.1			.1		.1													
16/15								.1			.1		.1													
14/13								.1			.1		.1													
Element (X)	2 X	2 X	2 X	2 X	2 X	2 X	2 X	2 X	2 X	2 X	2 X	2 X	2 X	2 X	2 X	2 X	2 X	2 X	2 X	2 X	2 X	2 X	2 X	2 X	2 X	2 X
Rel. Hum.																										
Dry Bulb																										
Wet Bulb																										
Dew Point																										
Mean No. of Hours with Temperature																										
± 0 F																										
± 32 F																										
± 67 F																										
± 73 F																										
± 80 F																										
± 93 F																										
Total																										

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72390 YAMMERS AFB CA STATION NAME

63-89

YEARS

ACT MONTH

PAGE 1 050000Z 0808
 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
98/ 97																	.1	1	1	1	2
96/ 98																	.1	1	1	1	1
94/ 93																	.2	3	3	3	3
92/ 91																.1	.3	6	6	6	6
98/ 89																	.2	7	7	7	7
88/ 87																	.2	9	9	9	9
86/ 86																	.1	11	11	11	11
84/ 83																	.1	13	13	13	13
82/ 81																	.2	27	27	27	27
80/ 79																	.1	16	16	16	16
78/ 77																	.3	30	30	30	30
76/ 75																	.3	51	51	51	51
70/ 73																	.3	57	57	57	57
72/ 71																	.6	69	69	69	69
70/ 69																	.4	99	99	99	99
68/ 67																	.5	140	140	140	140
66/ 65																	.3	198	198	198	198
64/ 63																	.6	224	224	224	224
62/ 61																	.1	238	238	238	238
60/ 59																	.3	233	233	233	233
58/ 57																	.3	140	140	140	140
56/ 55																	.1	101	101	101	101
54/ 53																	.1	42	42	42	42
52/ 51																	.1	17	17	17	17
50/ 49																	.3	5	5	5	5
48/ 47																	.1	1	1	1	1
46/ 45																	.1	7	7	7	7
44/ 43																	.1	6	6	6	6
42/ 41																	.1	6	6	6	6
40/ 39																	.1	2	2	2	2
38/ 37																	.1	2	2	2	2
36/ 35																	.1	4	4	4	4
34/ 33																	.1	4	4	4	4
32/ 31																	.1	4	4	4	4
Element (X)	2X ¹				2X					X								Mean No. of Hours with Temperature			Total
Rel. Hum.																		≥ 80 F	≥ 93 F		Total
Dry Bulb																		≥ 73 F	≥ 67 F		
Wet Bulb																					
Dew Point																					

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 72390 STATION NAME VANDENBERG AFB CA YEARS 63-64 MONTH DEC

PAGE 2 DECEMBER
 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									
30/ 20																					23									
28/ 17																					13									
26/ 15																					12									
24/ 13																					8									
22/ 11																					5									
20/ 9																					5									
18/ 7																					5									
12/ 11																					3									
TOTAL	913	916	520	314	3	7	8	6	8	4	6	3	2	2	7	1	8	1	4	1	5	7	0	6	0	6	1747	1747	1747	1747

Element (X)	2 X'		X		No. Obs.	Mean No. of Hours with Temperature					Total																				
	2 X'	X	X	'n		≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F																			
Rel. Hum.	7590043	100787	62	321	1747																										
Dry Bulb	701902	113094	64	7	1748																										
Wet Bulb	5591612	98616	56	4	1747																										
Dew Point	4396172	35956	49	2	1747																										

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723920 STATION VANDENBERG AFB CA STATION NAME 63-84 YEARS MONTH 021

PAGE 1 120001000 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
100/ 99																	.1	1	1		
98/ 97																	.1	2	2		
96/ 95																	.1	1	1		
94/ 93																	.2	3	3		
92/ 91															.1		.2	4	4		
90/ 89														.1		.1	.1	7	7		
88/ 87								.1				.1	.1	.1	.1	.2		8	8		
86/ 85								.1			.1	.1	.2	.2	.1	.1		12	12		
84/ 83								.1	.1	.1	.2	.2	.5	.1	.1			20	20		
82/ 81								.1	.2	.1	.2	.2	.1	.1				15	15		
80/ 79								.1	.2	.1	.2	.3	.5	.2				33	33		
78/ 77								.1	.3	.5	.2	.2	.6	.1				42	42		
76/ 75								.2	.5	.4	.7	.2	.1	.1				46	46		
74/ 73								.3	.5	.6	.7	.1	.1					69	69		
72/ 71								.2	.7	.9	1.0	.3	.4					99	99		
70/ 69								.2	.7	1.0	2.0	1.6	.3					152	152		
68/ 67						.1	.4	2.0	4.0	2.1	1.3	.6	.1					186	186		
66/ 65						.1	1.3	5.2	6.3	1.2	1.0	.4	.1					271	271		
64/ 63						.5	2.3	7.3	4.5	1.8	.4	.2	.2	.1				300	300		5
62/ 61						.6	4.5	6.9	2.3	.4	.2	.2	.1					266	266		29
60/ 59		.1	.6	3.2	2.8	1.0	.2											141	141		61
58/ 57		1.4	1.0	.2	.2			.1	.1	.2								55	55		139
56/ 55		.6	.1															11	11		328
54/ 53										.1								2	2		161
52/ 51																					37
50/ 49																					296
48/ 47																					11
46/ 45																					186
44/ 43																					6
42/ 41																					5
40/ 39																					58
38/ 37																					2
36/ 35																					30
34/ 33																					3
32/ 31																					22
30/ 29																					28
28/ 27																					19
26/ 25																					22
24/ 23																					
22/ 21																					
20/ 19																					
18/ 17																					
16/ 15																					
14/ 13																					
12/ 11																					
10/ 9																					
8/ 7																					
6/ 5																					
4/ 3																					
2/ 1																					

Element (X)	2 X'	2 X	X	°A	No. Obs.	Mean No. of Hours with Temperature				Total	
Ref. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 93 F	Total
Dry Bulb											
Wet Bulb											
Dew Point											

PSYCHROMETRIC SUMMARY

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/WAC

STATION
723930

STATION NAME
VANDEBORG AFB CA

YEARS
63-64

MONTH
06

PAGE 2 1200-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															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
32/30																					24
30/29																					20
28/27																					7
26/25																					8
24/23																					9
22/21																					9
20/19																					9
TOTAL	0.1	0.1	0.2	0.2	0.2	0.3	0.1	5.3	3.4	1.6	1.7	1.3	1.6	1.3	0.6	0.5	0.7	1746	1746	1746	1746

Element (X)	Z _X		X	σ _X	No. Obs.	Mean No. of Hours with Temperature					Total
	Z _X	Z _X				≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	
Rel. Hum.	9892219	109720	60.00	7.93	1746						
Dry Bulb	7827162	186354	66.6	6.88	1746						93
Wet Bulb	5866109	101043	57.9	3.27	1746						93
Dew Point	4561172	98370	50.6	7.12	1746						93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MSC

PSYCHROMETRIC SUMMARY

72398 STATION NAME
VANSENBURG AFB CA

63-84 YEARS

MONTH
MAY

PAGE 1 1950-1951
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												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
96/ 96																	.1	1	1	
90/ 89														.1				1	1	
88/ 87																		1	1	
86/ 85																		5	5	
84/ 83									.1									7	7	
82/ 81									.1									8	8	
80/ 79									.1									9	9	
78/ 77									.1									22	22	
76/ 75									.1									20	20	
74/ 73					.1				.1									28	28	
72/ 71					.1				.1									36	36	
70/ 69					.5				.1									71	71	
68/ 67				.1	.4				.1									116	116	
66/ 65				.1	.6				.1									165	165	
64/ 63				.3	2.4				.1									225	225	4
62/ 61				.1	1.1				.1									381	381	15
60/ 59				.1	2.7				.1									297	297	81
58/ 57				.1	3.2				.1									175	175	89
56/ 55				.1	1.8				.1									68	68	234
54/ 53				.4	.1				.1									13	13	358
52/ 51				.1					.1									2	2	78
50/ 49																				24
48/ 47																				7
46/ 45																				1
44/ 43																				2
42/ 41																				1
40/ 39																				11
38/ 37																				13
36/ 35																				14
34/ 33																				16
32/ 31																				12
30/ 29																				4
28/ 27																				8
26/ 25																				5
Element (X)	2 X'	2 X		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																				

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 VANDENBERG AFB CA
STATION NAME

63-79, 77, 79-84
YEARS

OCI
MONTH

PAGE 1 10000-20000
HOURS (C. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point	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					
70/ 77												.1						2	2			
70/ 73								.1				.1						2	2			
72/ 78											.3	.1						5	5			
70/ 69										.1	.1	.1						3	3			
60/ 67								.1	.1	.2	.1	.1						9	9			
66/ 65					.1	.5	.1	.3	.3	.1	.1							20	20			
64/ 63				.1	1.0	1.0	.3	.4	.1									46	46			
62/ 61			.1	1.0	1.0	.4	.2	.3	.1									83	83			
60/ 59	.3	5.0	0.0	2.0	.5	.3	.3	.2	.1									213	213			9
50/ 52	.0	9.0	2.2	1.0	.3	.3	.4	.2	.1									280	280			51
56/ 55	.0	9.0	1.0	1.0	.5	.4	.2											280	280			108
50/ 53	.3	6.3	2.0	.9	.3	.2	.1											125	125			290
52/ 51	.1	1.7	1.5	.4	.2	.1												46	46			267
50/ 49		1.0	.7		.3													22	22			188
48/ 47		.1	.3	.2	.1	.1												9	9			99
46/ 45			.1															1	1			51
44/ 43																						31
42/ 41																						23
40/ 39																						20
38/ 37																						18
36/ 35																						12
34/ 33																						16
32/ 31																						9
30/ 29																						7
28/ 27																						3
26/ 25																						1
24/ 23																						2
22/ 21																						1
TOTAL	1.034	40.000	10.2	4.7	3.3	2.0	1.1	.9	.8	.5	.1							1150	1150			1150

Element (X)	Σ X	X	%	No. Obs.	Mean No. of Hours with Temperature				Total
					≤ 0 F	≤ 32 F	≤ 67 F	≥ 80 F	≥ 93 F
Rel. Hum.	7268911	89901	77.914	931				1150	
Dry Bulb	3812920	68194	57.4	3.696			1.7		93
Wet Bulb	3310399	61697	53.5	3.207					93
Dew Point	2917574	57646	50.0	5.739		2.0			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723020 STATION

WAWMORSE AFB GA STATION NAME

63-19-77-92.89 YEARS

009 MONTH

PAGE 1

24 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL 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	28	29
76/ 98																											3	3	
76/ 93												.1	.2														1	1	
72/ 93											.1	.2	.1														3	3	
70/ 90											.1	.2	.2	.1													6	6	
68/ 87											.1	.2	.2	.1													5	5	
66/ 88											.1	.2	.4	.2													16	16	
66/ 83											.1	.3	.6	.2													22	22	
62/ 81											.1	.4	.4	.2													40	40	
60/ 80											.1	.4	.3	.2													40	40	
58/ 81											.1	.4	.4	.2													40	40	
56/ 80											.1	.4	.4	.2													40	40	
50/ 83											.1	.2	.2	.1													124	124	2
52/ 81											.1	.2	.2	.1													208	208	40
50/ 89											.1	.2	.2	.1													254	254	98
40/ 87											.1	.2	.2	.1													171	171	147
40/ 83											.1	.2	.2	.1													109	109	233
42/ 91											.1	.2	.2	.1													59	59	109
40/ 89											.1	.2	.2	.1													95	95	129
40/ 83											.1	.2	.2	.1													14	14	68
38/ 87											.1	.2	.2	.1													4	4	89
36/ 83											.1	.2	.2	.1													1	1	91
34/ 83											.1	.2	.2	.1													1	1	27
32/ 81											.1	.2	.2	.1													1	1	29
30/ 89											.1	.2	.2	.1													1	1	25
28/ 87											.1	.2	.2	.1													1	1	19
26/ 85											.1	.2	.2	.1													1	1	13
20/ 83											.1	.2	.2	.1													1	1	7
22/ 81											.1	.2	.2	.1													1	1	5
18/ 87											.1	.2	.2	.1													1	1	3
TOTAL											2.390	4.28.5	8.1	9.4	9.1	9.1	8.1	7.5	6.3	5.1	4.1	3.1	2.0	1.1	1.3	1.3	1089	1089	1089
Element (X)											2 X																		
Rel. Hum.											79.0	79.0	80.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
Dry Bulb											55.5	55.5	60.72	60.72	60.72	60.72	60.72	60.72	60.72	60.72	60.72	60.72	60.72	60.72	60.72	60.72	60.72	60.72	60.72
Wet Bulb											51.9	51.9	56.50	56.50	56.50	56.50	56.50	56.50	56.50	56.50	56.50	56.50	56.50	56.50	56.50	56.50	56.50	56.50	56.50
Dew Point											48.4	48.4	52.73	52.73	52.73	52.73	52.73	52.73	52.73	52.73	52.73	52.73	52.73	52.73	52.73	52.73	52.73	52.73	52.73
Mean No. of Hours with Temperature																	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total						
																	1.4	1.4	1.4	1.4	1.4	1.4	93						
																	1.1	1.1	1.1	1.1	1.1	1.1	93						
																	1.2	1.2	1.2	1.2	1.2	1.2	93						

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/AWAC

PSYCHROMETRIC SUMMARY

723920 VANDENBERG AFB CA STATION NAME

63-84

YEARS

NOV
 MONTH

PAGE 1

000
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL Wet Bulb	TOTAL 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	27-28	29-30				≥ 31
100/99																		0	0	0
98/97																		0	0	0
96/95																		0	0	0
94/93																		0	0	0
92/91																		0	0	0
90/89																		0	0	0
88/87																		0	0	0
86/85																		0	0	0
84/83																		0	0	0
82/81																		0	0	0
80/79																		0	0	0
78/77																		0	0	0
76/75																		0	0	0
74/73																		0	0	0
72/71																		0	0	0
70/69																		0	0	0
68/67																		0	0	0
66/65																		0	0	0
64/63																		0	0	0
62/61																		0	0	0
60/59																		0	0	0
58/57																		0	0	0
56/55																		0	0	0
54/53																		0	0	0
52/51																		0	0	0
50/49																		0	0	0
48/47																		0	0	0
46/45																		0	0	0
44/43																		0	0	0
42/41																		0	0	0
40/39																		0	0	0
38/37																		0	0	0
36/35																		0	0	0
34/33																		0	0	0

Element (X)	2x ¹					2x					X					Mean No. of Hours with Temperature								
	Rel. Hum.	Dry Bulb	Wet Bulb	Dew Point	Total	Rel. Hum.	Dry Bulb	Wet Bulb	Dew Point	Total	Rel. Hum.	Dry Bulb	Wet Bulb	Dew Point	Total	≥ 0 F	≥ 32 F	≥ 67 F	≥ 80 F	≥ 93 F	Total			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 STATION NAME: VANDEBARGER AFB CA 63-84 YEARS MONTH: OCT HOURS (L.S.T.): 0000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											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
32/ 31																				7	142
30/ 29																				3	123
28/ 27																					78
26/ 25																					58
24/ 23																					43
22/ 21																					38
20/ 19																					35
18/ 17																					15
16/ 15																					1
14/ 13																					3
12/ 11																					4
10/ 9																					1
TOTAL	2-226-224-016-010-3	5-8	4-4	3-0	2-2	1-5	1-1	0-7	0-7	0-5	0-2	0-2	0-2	0-2	0-2	0-2	0-2	10739	10741	10739	10739
Element (X)	Z X'	Z X	X	%	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	58025584	759806	70-819-936		10739	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total									
Dry Bulb	39149301	643389	59-9	7-400	10741			116-2	43-2	14-5											748
Wet Bulb	31673164	580898	54-1	4-835	10739																748
Dew Point	26274077	525009	48-9	7-521	10739																748

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AMRC

PSYCHROMETRIC SUMMARY

STATION 723930
STATION NAME YAMAGUCHI AFB GA

YEARS 63-72.89

MONTH MAY

PAGE 1 0000000000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL D.B./W.B.	TOTAL Wet Bulb	TOTAL 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	27-28	29-30	≥ 31
60/ 67					.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	5	5	
65/ 65					.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	4	4	
64/ 63					.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	4	4	
62/ 61		.1	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	12	12	
60/ 59	.2	1.0	.8	.8	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	54	54	7
58/ 57	.1	1.1	1.0	.9	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	68	68	29
56/ 55	.6	1.0	1.0	1.0	.9	.7	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	120	120	82
54/ 53	.7	1.0	1.0	1.0	.7	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	119	119	95
52/ 51	.1	1.0	1.0	1.0	.6	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	112	112	154
50/ 49	.2	1.0	1.0	1.0	1.0	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	122	122	103
48/ 47	.5	1.0	1.0	1.0	1.0	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	91	91	118
46/ 45	.1	1.0	1.0	1.0	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	78	78	96
44/ 43	.1	1.0	1.0	1.0	.6	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	41	41	88
42/ 41	.1	1.0	1.0	1.0	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	28	28	73
40/ 39	.3	.8	.3	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	14	14	58
38/ 37	.7	.7	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	8	8	29
36/ 36	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	2	2	13
34/ 33																				1
32/ 31																				1
30/ 29																				1
28/ 27																				15
26/ 25																				6
24/ 23																				8
22/ 21																				4
TOTAL	1.447	226.0	11.0	6.7	4.2	3.1	.1	.2										905	905	905

Element (X)	2x ¹	2x	X	%	No. Obs.	Mean No. of Hours with Temperature						
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	56.0	70.1	77.7	71.5	905							
Dry Bulb	64.9	66.1	51.5	5.4	905			.5				90
Wet Bulb	21.0	43.2	48.0	5.5	905		.1					90
Dew Point	132.2	100.9	44.3	7.9	905		8.5					90

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR NUMBER 8888888888

PSYCHROMETRIC SUMMARY

723980 VANDENBERG AFB CA
 STATION NAME

63-72-84

YEARS

MONTH

PAGE 1 000000500
 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
70/ 69						.1												1	1		
68/ 67						.2												3	3		
66/ 65																		2	2		
64/ 63								.1										10	10		
62/ 61	.1	2.5	1.6	.6	.3	.7	.2	.1										12	12		3
60/ 59	.1	2.5	1.6	.6	.3	.7	.2	.1										12	12		3
58/ 57	.1	2.5	1.6	.6	.3	.7	.2	.1										12	12		3
56/ 55	.2	2.5	1.6	.6	.3	.7	.2	.1										102	102		8
54/ 53	.2	2.5	1.6	.6	.3	.7	.2	.1										106	106		19
52/ 51	.1	6.2	3.4	.9	.4	.6	.6	.6										118	110		51
50/ 49	.4	3.6	1.4	1.4	1.3	.7	.3											128	126		99
48/ 47	.5	1.5	2.1	.6	.7	.1												102	102		96
46/ 45	.5	3.6	1.0	.8	.7	.1												99	99		65
44/ 43	2.9	2.2	.4	.7	.7													56	56		82
42/ 41	1.2	1.7	.6	.6	.1													31	31		72
40/ 39	.2	.7	.9	.2	.1													18	18		68
38/ 37	.7	.1	.1	.1														8	8		57
36/ 35	.8	.1	.1															9	9		89
34/ 33	.1																	1	1		40
32/ 31																					28
30/ 29																					24
28/ 27																					21
26/ 25																					17
24/ 23																					9
22/ 21																					7
20/ 19	.848	27.1	9.9	6.3	5.3	2.9	.3											902	902		3
TOTAL																		902	902		902

Element (X)	Z X'	Z X	X	%	No. Obs.	Mean No. of Hours with Temperature				Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 93 F	
Rel. Hum.	5170171	69397	76.9	916.0	902					
Dry Bulb	233084	45638	50.6	5.709	902					90
Wet Bulb	2022858	42396	47.0	5.785	902					90
Dew Point	1731545	38817	43.0	8.234	902		10.9			90

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/WAC

PSYCHROMETRIC SUMMARY

STATION 723930 VANDENBERG AFB CA STATION NAME 63-84 MONTH NOV
 PAGE 1 0600-1800 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
72/ 73							.1	.1									.2	4	4		
68/ 67							.1	.1										7	7		
66/ 65							.2	.2										6	6		
64/ 63		.1	.2	.2	.2	.2	.2	.2										22	22		
62/ 61		.2	.4	.4	.4	.4	.4	.4										28	28		1
60/ 59		.2	1.0	1.0	.5	.3	.2	.2	.1									66	66		9
58/ 57		.2	1.0	2.0	.6	.6	.3	.1										84	84		16
56/ 55		.2	1.0	2.1	1.1	.9	.4	.3										150	150		31
54/ 53		.2	5.0	2.3	1.0	1.4	.5	.2										154	154		71
52/ 51		.2	7.0	3.1	1.2	1.0	.4	.1										178	178		104
50/ 49		.2	4.0	2.7	2.0	.9	.6	.4										142	142		131
48/ 47		.2	3.0	2.0	2.0	.6	.6	.2										136	136		110
46/ 45		.2	4.0	3.3	.8	.7	.2											118	118		94
44/ 43		.2	2.0	2.7	1.5	.2	.1											77	77		101
42/ 41		.2	1.0	.7	.3	.3												36	36		109
40/ 39		.2	1.0	1.1	.5	.3												28	28		86
38/ 37		.2	.2	.2	.1													5	5		92
36/ 35		.2	.1	.2	.1													5	5		87
34/ 33		.1																1	1		85
32/ 31																					36
30/ 29																					31
28/ 27																					29
26/ 25																					25
24/ 23																					17
22/ 21																					8
20/ 19																					7
18/ 17																					4
16/ 15																					1
TOTAL		1.639	726.5	12.0	6.9	6.9	3.5	1.4	.7	.1	.2							1240	1240		1240

Element (X)	Z X'	Z X	X	r _s	No. Obs.	Mean No. of Hours with Temperature				Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	7235347	92121	74.3	11.778	1240						
Dry Bulb	3301361	63569	51.3	5.085	1240			.8			90
Wet Bulb	2793004	58454	47.1	5.644	1240		.2				90
Dew Point	2330578	52728	42.5	9.449	1240		11.5				90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MSC

PSYCHROMETRIC SUMMARY

723930 VANDENBERG AFB CA STATION NAME

63-84 YEARS

MON MONTH

PAGE 1 000001100 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.	Wet Bulb	Dry Bulb	Dew Point							
80/ 07											.1	.1	.1	.1	.1	.1		1	1									
80/ 03											.1	.1	.1	.1	.1	.1		5	5									
82/ 02											.1	.1	.1	.1	.1	.1		6	6									
90/ 79											.1	.1	.1	.1	.1	.1		3	3									
78/ 77											.1	.1	.1	.1	.1	.1		14	14									
76/ 78											.1	.1	.1	.1	.1	.1		19	19									
74/ 73											.1	.1	.1	.1	.1	.1		26	26									
72/ 71											.1	.1	.1	.1	.1	.1		42	42									
70/ 69	.1										.1	.1	.1	.1	.1	.1		55	55									
68/ 67		.1									.1	.1	.1	.1	.1	.1		82	82		1							
66/ 65		.1	.1								.1	.1	.1	.1	.1	.1		110	110									
64/ 63	.2	.6	1.0	1.0	1.0	1.0	1.0	.9	.7	.5	.2						139	139		8								
62/ 61	.9	2.1	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	204	204		1							
60/ 59	.8	1.8	2.6	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	236	236		16							
58/ 57	2.0	4.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	251	251		43							
56/ 55	3.1	2.8	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	204	204		78							
54/ 53	.2	3.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	143	143		137							
52/ 51	.1	1.7	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	89	89		218							
50/ 49	.1	.5	.7	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	39	39		192							
48/ 47	.4	.4	.4	.2	.4	.1											22	22		153	131							
46/ 45	.1	.1	.1	.1	.1												5	5		107	130							
44/ 43																				46	131							
42/ 41																				21	119							
40/ 39																				9	86							
38/ 37																				3	90							
36/ 35																					66							
34/ 33																					61							
32/ 31																					52							
30/ 29																					42							
28/ 27																					22							
26/ 25																					21							
24/ 23																					17							
22/ 21																					7							
20/ 19																					10							
Element (X)	Z X'	Z X											X	X	No. Obs.				Mean No. of Hours with Temperature				Total					
Rel. Hum.																			≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																												
Wet Bulb																												
Dew Point																												

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 STATION VANDENBERG AFB CA STATION NAME 63-04 YEARS NOV MONTH
 PAGE 2 0000-1100 HOURS (L.S.V.)

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.	Wet Bulb	Dew Point				
10/17																								
TOTAL																	1689	1689	1689					
Element (X)	Zx ¹	Zx	X	%	No. Obs.												Mean No. of Hours with Temperature							
Rel. Hum.	6862572	102000	60.4	20.403	1689												= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total	
Dry Bulb	6178294	101576	60.1	6.372	1689														13.6	4.2			90	
Wet Bulb	4660490	88394	52.3	4.513	1689																			90
Dew Point	3481882	75352	44.6	8.438	1689														9.2					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 STATION

VANDENBERG AFB CA STATION NAME

63-84

YEARS

MMV MONTH

PAGE 1 1200-1900 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
86/ 89												.1						1	1	
84/ 83												.1	.2					6	6	
82/ 81												.1	.2					7	7	
80/ 79												.4	.1	.1				18	18	
78/ 77								.1	.1	.1	.1	.4	.1	.1				20	20	
76/ 75								.1	.1	.1	.1	.8	.3	.1				45	45	
74/ 73					.1	.1	.1	.2	.2	.2	.4	.2	.2					49	49	
72/ 71	.1				.2	.4	.7	.9	.7	.6	.5	.2	.1					72	72	
70/ 69	.1	.1	.1	.1	.4	1.1	.9	.9	.8	.5	.5	.1						88	88	3
68/ 67	.2	.4	.2	.4	1.5	1.4	1.4	.8	.4	.2	.2							108	108	1
66/ 65	.4	.4	1.7	2.3	2.3	2.0	2.5	.9	.9	.1								180	180	5
64/ 63	.2	1.2	3.0	4.9	4.9	2.8	2.2	.9	.2	.1								263	263	16
62/ 61	.7	2.6	4.3	3.4	3.4	2.0	1.2	.2										242	242	57
60/ 59	1.4	3.4	4.6	2.8	2.8	2.6	1.0	.2										269	269	184
58/ 57	1.8	3.1	2.5	2.7	.9	.5	.1											185	185	281
56/ 55	.9	1.4	.9	1.3	.7	.3	.1	.1	.1									96	96	328
54/ 53	.7	.3	.1	.2	.2	.2	.1	.1										27	27	338
52/ 51	.1	.1	.1	.1	.1	.1	.1											6	6	224
50/ 49	.1	.1	.1	.1	.1	.1												4	4	153
48/ 47			.1	.1														3	3	64
46/ 45																				24
44/ 43																				7
42/ 41																				7
40/ 39																				121
38/ 37																				91
36/ 35																				69
34/ 33																				51
32/ 31																				39
30/ 29																				28
28/ 27																				28
26/ 25																				7
24/ 23																				9
22/ 21																				6
20/ 19																				7
20/ 19																				10

Element (X)	Σ X'	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature				Total
						≥ 80 F	≥ 73 F	≥ 67 F	≥ 93 F	
Rel. Hum.										
Dry Bulb										
Wet Bulb										
Dew Point										

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 VANDENBERG AFB CA STATION NAME YEARS 63-64 MONTH NOV

PAGE 1 1500-1700 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	
82/ 01												.1						2	2			
80/ 79																		2	2			
78/ 77						.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	6	6				
76/ 75						.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	6	6				
74/ 73					.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	6	6				
72/ 71					.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	24	24				
70/ 69					.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	43	44				
68/ 67		.2	.1	.2	.6	.4	.5	.3	.4	.1	.1	.1	.1	.1	.1	.1	50	50		1		
66/ 65		.1	.2	.9	1.4	.8	1.0	.3	.3	.2	.1	.1	.1	.1	.1	.1	88	88		1		
64/ 63		.3	1.1	2.8	1.9	1.5	.8	.5	.2	.1	.1	.1	.1	.1	.1	.1	156	156		1		
62/ 61		.4	3.3	4.6	2.7	1.5	.8	.2	.1	.1	.1	.1	.1	.1	.1	.1	229	229		6		
60/ 59		1.7	7.2	4.9	2.3	1.0	.5	.1	.1	.1	.1	.1	.1	.1	.1	.1	298	298		15		
58/ 57		.1	3.9	7.8	4.9	2.6	.6	.3	.1	.1	.1	.1	.1	.1	.1	.1	337	337		39		
56/ 55		.1	3.9	6.0	4.1	1.7	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	271	271		130		
54/ 53		.2	1.3	2.6	1.5	.5	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	184	184		211		
52/ 51		.5	1.8	.4	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	38	38		300		
50/ 49		.1	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	9	9		246		
48/ 47			.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	7	7		192		
46/ 45			.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1	1		156		
44/ 43																				116		
42/ 41																				73		
40/ 39																				55		
38/ 37																				37		
36/ 35																				36		
34/ 33																				21		
32/ 31																				12		
30/ 29																				6		
28/ 27																				12		
26/ 25																				4		
24/ 23																				1		
22/ 21																				2		
20/ 19																				3		
18/ 17																				2		
16/ 15																				1		

Element (X) 2X' 2X 2X' No. Obs. Mean No. of Hours with Temperature
 Rel. Hum. = 0 F = 32 F = 67 F = 80 F = 93 F Total
 Dry Bulb
 Wet Bulb
 Dew Point

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/WAC

PSYCHROMETRIC SUMMARY

72390 STATION

VANDENBERG AFB CA STATION NAME

63-84

YEARS

NOV MONTH

PAGE 2 1800-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											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
TOTAL						7.5	9.5	2.4	2.0	1.3	0.9	0.1	0.1	0.1				1679	1680	1679	1679
Rel. Hum.	0162228																				
Dry Bulb	6019693																				
Wet Bulb	6856994																				
Dew Point	3958639																				

Element (X)	Z ₁		Z ₂		X	r ₁	No. Obs.	Mean No. of Hours with Temperature					Total										
	1	2	1	2				≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 93 F											
Rel. Hum.	0162228	113906	67.8	16.0	0.95		1679																
Dry Bulb	6019693	100251	59.7	9.7	32		1680																90
Wet Bulb	6856994	90078	53.6	3.6	48		1679																90
Dew Point	3958639	80613	48.1	6.4	21		1679																90

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 723930 WANDENBERG AFB CA STATION NAME WANDENBERG AFB CA YEARS 63-79-79-81-84 MONTH NOV

PAGE 1 1000-0000
 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.	Wet Bulb	Dew Point	D.B./W.B.	Wet Bulb	Dew Point
60/ 67							.2				.1							3	3		3	3	
60/ 65				.1			.1				.1							2	2		2	2	
60/ 63				.1	.4		.2				.4							14	14		14	14	
62/ 61		.8	1.5	.2	.2		.3				.1							36	36		36	36	
60/ 59	.3	2.0	2.7	.5	.5		.3				.3							80	80		80	80	3
58/ 57	.4	3.7	5.0	1.2	.6		.2				.2							152	152		152	152	20
56/ 55	.4	4.2	7.0	2.2	.9		.2				.2							216	216		216	216	78
50/ 43	.4	9.3	7.3	2.3	1.2		.2				.2							231	231		231	231	122
52/ 51	.3	9.0	6.3	2.3	1.2		.4				.4							169	169		169	169	163
50/ 49	.2	4.0	2.5	.9	.7		.2				.2							93	93		93	93	160
48/ 47	.2	2.7	1.9	.8	.4		.4				.4							61	61		61	61	127
46/ 45	.1	.5	.8	.4	.4		.4				.4							28	28		28	28	127
44/ 43	.2	.2	.1	.3	.1		.1				.1							7	7		7	7	86
42/ 41	.2	.2	.2	.2	.2		.2				.2							3	3		3	3	57
40/ 39	.3	.3	.3	.3	.3		.3				.3							3	3		3	3	54
38/ 37			.1															1	1		1	1	32
36/ 35																							22
34/ 33																							19
32/ 31																							9
30/ 29																							19
28/ 27																							5
26/ 25																							2
24/ 23																							2
TOTAL	1.340	9.35	7.11	2.62	6.02	2.05	1.01	.6	.3									1099	1099		1099	1099	1099

Element (X)	Z X'	Z X	X	X	No. Obs.	Mean No. of Hours with Temperature				Total
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 80 F	
Rel. Hum.	7025239	86687	78.9	13.069	1099					
Dry Bulb	3825785	59371	54.0	4.094	1099					90
Wet Bulb	2032704	55592	50.6	4.334	1099					90
Dew Point	2998877	51953	47.3	6.251	1099		2.6			90

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

721030 STATION NAME VANDENBERG AFB CA YEARS 63-74 MONTH NOV
 STATION NUMBER 63-74-83-84 PAGE 1 HOURS (L. S. T.) 2100-2100

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.	Wet Bulb	Dew Point
60/ 67																		1	1	
66/ 65					.1													0	0	
60/ 63					.3													0	0	
62/ 61			.7	.2	.5													25	25	
60/ 59	.1	2.4	1.2	.6	.1	.1												56	56	9
58/ 57	.2	3.9	2.4	1.1	.3	.9												118	118	11
56/ 55	.1	7.9	2.1	1.2	.5	.4												132	132	56
50/ 53	.7	8.8	4.6	1.0	1.3	.6	.1											184	184	100
52/ 51	.2	7.6	4.3	1.8	1.4	.6	.5											181	181	127
50/ 49	.3	7.6	3.0	2.1	.9	.3	.1											159	159	126
48/ 47	.1	3.8	2.6	1.1	.5													87	87	137
46/ 45	.2	1.6	1.9	.8	.1													72	72	120
44/ 43		1.5	1.4	.3														34	34	64
42/ 41		.7	.2	.3														13	13	67
40/ 39	.1	.5	.1	.2														11	11	63
38/ 37	.1	.1	.2															4	4	78
36/ 35		.1	.1															2	2	45
34/ 33																				28
32/ 31																				1
30/ 29																				18
28/ 27																				8
26/ 25																				7
24/ 23																				3
TOTAL	2.050	.125	.110	.9	5.7	3.0	2.2	.6	.1	.1								1083	1083	1083

Element (X)	Z _X ¹	Z _X ²	X	X ²	N _o Obs.	Mean No. of Hours with Temperature						Total
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	7609160	85642	79.1	14.791	1083							
Dry Bulb	2970765	56553	52.2	4.867	1083							90
Wet Bulb	2613053	52923	48.9	4.983	1083							90
Dew Point	2291126	42240	45.5	7.788	1083				4.7			90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

STATION 721030 WANDENBERG AFB CA STATION NAME YEARS 63-88 MONTH NOV

PAGE 1

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL D.B./W.B.	TOTAL Wet Bulb	TOTAL 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	27-28	29-30	31												
80/87																		1	1													
86/85																		1	1													
80/83																		11	11													
82/81																		17	17													
80/79																		23	23													
78/77																		40	40													
76/75																		70	70													
74/73																		85	85													
72/71																		141	141													
70/69																		187	187													
68/67																		259	259		1											
66/65																		396	396		4											
64/63																		612	612		1											
62/61																		768	768		3											
60/59																		1106	1106		11											
58/57																		1272	1272		66											
56/55																		1298	1298		194											
54/53																		1065	1065		577											
52/51																		876	876		906											
50/49																		685	685		8330											
48/47																		509	509		2239											
46/45																		401	401		1080											
44/43																		215	215		930											
42/41																		111	111		868											
40/39																		74	74		563											
38/37																		26	26		516											
36/35																		18	18		402											
34/33																		2	2		278											
32/31																					217											
30/29																					189											
28/27																					119											
26/25																					91											
24/23																					63											
22/21																					35											
Element (X)	Mean No. of Hours with Temperature																															
Rel. Hum.	± 0 F																	± 32 F			± 67 F			± 80 F			± 93 F			Total		
Dry Bulb																																
Wet Bulb																																
Dew Point																																

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723920 STATION NAME: HANDBERG AFB CA 63-84 YEARS: NOV MONTH

PAGE 2 HOURS (L. S. T.): 10286

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL D.B./W.B.	TOTAL Wet Bulb	TOTAL 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	27-28	29-30	31	
20/19																					
18/17																					33
16/15																					9
TOTAL																		10286	10286		10286

Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature				
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 80 F	≤ 93 F
Rel. Hum.	53587692	716378	69.6	18.959	10286					
Dry Bulb	33328148	580746	56.5	7.262	10287					
Wet Bulb	26947895	523447	50.9	5.491	10286			58.5	17.4	2.7
Dew Point	2155524	467290	45.4	7.305	10286			.6		
								52.7		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 VANDENBERG AFB CA STATION NAME

63-72,77,80,83 YEARS

DEC MONTH

PAGE 1 0800-0200 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.	Wet Bulb	Dew Point
66/ 63																		4	4	
64/ 61																		2	2	
62/ 59																		9	9	1
60/ 57																		8	8	1
58/ 55																		32	32	5
56/ 53																		45	45	21
54/ 51																		71	71	29
52/ 49																		77	77	33
50/ 47																		114	114	36
48/ 45																		129	129	62
46/ 43																		122	122	68
44/ 41																		118	118	80
42/ 39																		83	83	77
40/ 37																		58	58	97
38/ 35																		32	32	93
36/ 33																		11	11	72
34/ 31																		16	16	56
32/ 29																		3	3	93
30/ 27																		1	1	52
28/ 25																		2	2	30
26/ 23																				34
24/ 21																				22
22/ 19																				3
20/ 17																				3
18/ 15																				2
16/ 13																				2
14/ 11																				1
12/ 9																				4
10/ 7																				2
8/ 5																				937
TOTAL	1.065	325.0	16.9	5.8	2.5	1.5	1.1	.2										937	937	937

Element (X)	Zx'	Zx	X	r _n	No. Obs.	Mean No. of Hours with Temperature					Total
						≥ 32 F	≥ 30 F	≥ 27 F	≥ 23 F	≥ 19 F	
Rel. Hum.	5632139	70963	75.7	16.596	937						
Dry Bulb	2090450	48000	47.0	5.963	937	.6					93
Wet Bulb	1803811	40713	43.5	6.073	937	4.3					93
Dew Point	1500506	36576	39.0	6.816	937	20.1					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725930 STATION

VANDENBERG AFB CA STATION NAME

63-72-77.80-83 YEARS

REC MONTH

PAGE 1 030000-0500 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.	Wet Bulb	Dew Point
60/ 07												.1						1	1	
60/ 08																		2	2	
62/ 05		.5								.1								9	9	
60/ 09		.4								.1								10	10	
50/ 09	2.0	2.0								.4								25	25	13
50/ 08	2.0	2.0	.7							.2								31	31	15
50/ 03	.1	2.4	1.2	.5	.0					.3								46	46	19
52/ 01	.1	4.2	1.0	1.3	1.1					.3								79	79	30
50/ 09	.4	3.0	2.2	3.0	.7	.2				.2								100	100	42
48/ 07	.1	4.4	1.1	2.2	.9	.3				.3								117	117	41
40/ 08	.2	6.0	4.7	1.5	1.2	.6				.6								132	132	37
40/ 08	.2	6.1	2.0	1.4	1.1													106	106	75
42/ 01	.3	2.9	3.5	1.0	.2					.5								74	74	87
40/ 30	.2	3.5	3.3	2.0						.2								90	90	83
30/ 30	.1	2.0	1.7	1.3	.2					.2								50	50	87
36/ 30	.8	1.3	1.6	.4	.2													32	32	101
30/ 30	.1	.2	1.3	.2	.2													19	19	66
32/ 31	.1	.9	.2															11	11	43
30/ 29		.1			.1													2	2	37
20/ 27																				42
26/ 25																				56
24/ 23																				30
22/ 21																				10
20/ 19																				1
18/ 17																				4
16/ 15																				2
14/ 13																				5
12/ 11																				2
10/ 9																				3
8/ 7																				2
6/ 5																				2
4/ 3																				1
TOTAL	2.002	726.715	56.1	2.0	6.1	2.0	1.0	.3	.1	.4	.2	.1						936	936	936

Element (X)	2 X'		2 X		X	%	No. Obs.	Mean No. of Hours with Temperature					Total									
	Rel. Hum.	Dry Bulb	Wet Bulb	Dew Point				± 0 F	± 32 F	± 67 F	± 73 F	± 80 F		± 93 F								
Rel. Hum.	5872000	70516	75.3	16.675	936		936															
Dry Bulb	199826	42832	45.8	6.274	936		936			1.3												93
Wet Bulb	1712260	39580	42.3	6.366	936		936			5.9												93
Dew Point	1410024	35304	37.7	9.141	936		936			23.0												93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

PSYCHROMETRIC SUMMARY

72390 STATION VANDENBERG AFB CA STATION NAME

63-84 YEARS

DEC MONTH

PAGE 1 0600-0900 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
60/ 67																		2	2		
60/ 65																		3	3		
60/ 63																		4	4		
62/ 61																		6	6		
60/ 59																		21	21	3	2
50/ 57																		34	34	18	12
50/ 55																		52	52	29	11
50/ 53																		76	76	39	19
50/ 51																		118	118	54	37
50/ 49																		165	165	74	60
00/ 47																		143	143	106	56
00/ 45																		178	178	147	93
00/ 43																		158	158	129	95
02/ 41																		89	89	109	111
00/ 39																		99	99	130	88
30/ 37																		52	52	114	123
30/ 35																		40	40	83	122
30/ 33																		29	29	60	109
32/ 31																		11	11	62	76
30/ 29																		3	3	20	67
26/ 27																		1	1	7	47
26/ 25																				3	51
26/ 23																				3	40
22/ 21																					21
20/ 19																					11
18/ 17																					7
16/ 15																					8
10/ 13																					2
12/ 11																					6
10/ 9																					1
0/ 7																					3
TOTAL	1,539	226	217	7	8	6	4	1	6	3	2	3	3				1286	1286	1286	1286	
Element (X)	Z X'	Z X	X	%	No. Obs.	Mean No. of Hours with Temperature												Total			
Ref. Num.	723099	9391	73.0	17.076	1286	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F				Total						
Dry Bulb	288014	59624	46.4	6.301	1286		1.1	0.1							93						
Wet Bulb	237351	54635	42.5	6.251	1286		5.4								93						
Dew Point	1906358	48150	37.4	8.976	1286		25.2								93						

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723000 VANDENBERG AFB CA STATION NAME

63-84

YEARS

DEC NORTH

PAGE 1 0900-1100 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
80/ 79												.1					1	1			
78/ 77								.1				.1					3	3			
76/ 75								.1	.1			.1					2	2			
74/ 73								.1	.1	.1		.1					8	8			
72/ 71								.1	.1	.1	.1	.1					21	21			
70/ 69								.1	.1	.1	.1	.1	.1				32	32			
68/ 67								.1	.1	.1	.1	.1	.1				32	32			
66/ 65								.1	.1	.1	.1	.1	.1				48	48			
64/ 63								.1	.1	.1	.1	.1	.1				86	86			
62/ 61								.1	.1	.1	.1	.1	.1				93	93			
60/ 59								.1	.1	.1	.1	.1	.1				177	177			1
58/ 57								.1	.1	.1	.1	.1	.1				199	199			6
56/ 55								.1	.1	.1	.1	.1	.1				236	236			23
54/ 53								.1	.1	.1	.1	.1	.1				222	222			91
52/ 51								.1	.1	.1	.1	.1	.1				209	209			73
50/ 49								.1	.1	.1	.1	.1	.1				153	153			84
48/ 47								.1	.1	.1	.1	.1	.1				99	99			119
46/ 45								.1	.1	.1	.1	.1	.1				68	68			118
44/ 43								.1	.1	.1	.1	.1	.1				31	31			168
42/ 41								.1	.1	.1	.1	.1	.1				26	26			160
40/ 39								.1	.1	.1	.1	.1	.1				9	9			137
38/ 37								.1	.1	.1	.1	.1	.1				5	5			125
36/ 35								.1	.1	.1	.1	.1	.1								127
34/ 33								.1	.1	.1	.1	.1	.1								27
32/ 31								.1	.1	.1	.1	.1	.1								100
30/ 29								.1	.1	.1	.1	.1	.1								5
28/ 27								.1	.1	.1	.1	.1	.1								1
26/ 25								.1	.1	.1	.1	.1	.1								61
24/ 23								.1	.1	.1	.1	.1	.1								58
22/ 21								.1	.1	.1	.1	.1	.1								31
20/ 19								.1	.1	.1	.1	.1	.1								20
18/ 17								.1	.1	.1	.1	.1	.1								16
16/ 15								.1	.1	.1	.1	.1	.1								15
14/ 13								.1	.1	.1	.1	.1	.1								7

Element (X)	Mean No. of Hours with Temperature					Total
	≤ 0 F	≤ 32 F	≤ 67 F	≤ 80 F	≥ 93 F	
Rel. Hum.						
Dry Bulb						
Wet Bulb						
Dew Point						

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

PSYCHROMETRIC SUMMARY

STATION 723930 WANDENBERG AFB CA STATION NAME 63-84 YEARS DEC MONTH
 PAGE 2 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL D.B./W.B.	TOTAL Wet Bulb	TOTAL 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	27-28	29-30	≥ 31
100																				
97																				
94																				
91																				
TOTAL																		1757	1758	1757

Element (X)	Σ X'	Σ X	X̄	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.	7208741	1066661	60.720	4.91	1757							
Dry Bulb	596962	97182	55.3	6.501	1758			5.2				93
Wet Bulb	913091	84707	48.2	5.350	1757					4		93
Dew Point	3001321	70779	40.3	9.244	1757			18.4				93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 VANDENBERG AFB CA STATION NAME
 63-84 YEARS

DEC MONTH

PAGE 2 1200-1900 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
10/ 17																					4
16/ 15																					3
10/ 13																					2
12/ 12																					1
10/ 9																					1
8/ 7																					3
6/ 5																					1
TOTAL		0.4	1.1	0.17	0.15	1.15	1.10	3	6.7	6.5	3.4	2.1	1.5	.7	.5			1757	1757	1757	1757

Element (X)	Σ X'	Σ X	X	X ²	No. Obs.	Mean No. of Hours with Temperature						Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F		
Rel. Hum.	6090914	91398	55.4	19.847	1757								
Dry Bulb	6907034	105522	60.1	6.295	1757			14.1	3.5	.7			93
Wet Bulb	6556765	90079	51.3	4.685	1757			.1					93
Dew Point	3267166	74106	42.2	0.978	1757			14.1					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/WDC

PSYCHROMETRIC SUMMARY

STATION 12390 VANDEBORG AFB CA STATION NAME YEARS 63-84 MONTH AUG

PAGE 1 1980-1980 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					
80/ 79						.1						.1						3	3							
79/ 77												.1						2	2							
76/ 73											.1							2	2							
74/ 72											.1							6	6							
72/ 71					.1						.1							7	7							
70/ 69					.1	.2					.1							21	21							
68/ 67			.1		.1	.2					.1							41	41		1					
66/ 65			.1	.1	.2	.5	1.1				.1							61	61							
64/ 63			.1	.3	.6	1.4	.6	.3	.1		.1							68	68							
62/ 61		.5	1.2	1.2	1.2	1.6	1.6	.6	.1	.1								129	129							
60/ 59	.1	1.2	2.6	2.6	2.6	1.6	.6	.5	.2	.1								203	203	13	9					
58/ 57	.1	2.1	4.8	3.7	2.7	1.6	.7	.3										281	281	80	20					
56/ 55	.1	3.7	5.5	4.7	2.6	1.3	.6	.1	.1									326	326	158	51					
54/ 53	.2	3.6	4.4	3.2	1.3	.6	.3	.3										241	241	114	96					
52/ 51	.1	3.2	3.0	2.5	1.4	.4	.4	.4										191	191	345	165					
50/ 49	.1	.6	1.3	.9	.6	.6	.1	.1										81	81	327	189					
48/ 47	.1	.7	.5	.4	.3	.3	.2	.2										46	46	200	217					
46/ 45	.2	.2	.1	.1	.1	.1	.1	.1										16	16	139	186					
44/ 43			.2	.1	.1	.1	.1	.1										10	10	67	165					
42/ 41			.1															2	2	34	151					
40/ 39				.1														:	:	1	32	117				
38/ 37																				13	13	69				
36/ 35																				3	3	77				
34/ 33																				5	5	47				
32/ 31																				1	1	40				
30/ 29																				1	1	33				
28/ 27																						24				
26/ 25																						20				
24/ 23																						12				
20/ 19																						8				
18/ 17																						11				
16/ 15																						4				
10/ 9																						1				
Element (X)	Z X'										Z X				Z X				Mean No. of Hours with Temperature				Total			
Rel. Hum.																			= 80 F				= 93 F			
Dry Bulb																										
Wet Bulb																										
Dew Point																										

GLOBAL CLIMATOLOGY BRANCH
 USARMC
 AIR WEATHER BARRACKS

PSYCHROMETRIC SUMMARY

723000 STATION
 STATION NAME
 BANGBERRYS AFB CA

63-75-77-79-81-83-85
 YEARS

DEC
 MONTH

PAGE 1
 200002100
 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		
66F-66									.1	.1	.1	.1	.1					5	5				
66F-66								.1	.1	.1	.1	.1	.1					7	7				
68F-66		.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2					11	11		4		
68F-69		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1					9	9		5		
50F-67		1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1					57	57		13		
50F-68		1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1					52	52		11		
50F-68		1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1					94	94		20		
52F-68		1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1					152	152		30		
50F-68		1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1					176	176		59		
68F-67		1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1					136	136		100		
68F-68		1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1					153	153		120		
68F-68		1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1					120	120		70		
68F-68		1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1					77	77		93		
68F-68		1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1					92	92		133		
36F-36		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1					16	16		76		
36F-36		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1					14	14		92		
36F-36		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1					5	5		57		
32F-36		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1					6	6		58		
38F-36		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1					1	1		38		
28F-27		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1					1	1		39		
26F-25																					22		
26F-25																					17		
26F-25																					10		
22F-21																					6		
20F-19																					5		
18F-17																					1		
16F-15																					9		
12F-11																					3		
10F-9																					1		
8F-7																					0		
TOTAL										2.044	.226	.415	.5	6.0	2.6	.9	1.9	.4	.2	.2	1136	1136	1136

Element (X)	Z _X ¹	Z _X	Y	Y _a	No. Obs.	Mean No. of Hours with Temperature			
						± 0 F	± 32 F	± 67 F	± 80 F
Rel. Hum.	6929253	86663	76.3	16.609	1136				
Dry Bulb	2677865	50371	68.2	5.676	1136				
Wet Bulb	2308593	50778	41.7	5.855	1136				
Dew Point	1944922	45958	40.5	8.661	1136				
Total									

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/LAS

PSYCHROMETRIC SUMMARY

723000 WASHINGTON AFB TX STATION NAME

63-84

YEARS

DEC MONTH

PAGE 1

HOURS (L. S. T.) ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL D.B./W.B.	TOTAL 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	27-28	29-30	≥ 31
80F-00																		1	1	
80F-03																		1	1	
82F-01																		9	9	
80F-09																		9	9	
78F-09																		14	14	
76F-09																		16	16	
74F-09																		41	41	
72F-09																		88	88	
70F-09																		119	119	
68F-07																		186	186	
66F-06																		228	228	
64F-03																		331	331	
62F-01																		666	666	20
60F-00																		699	700	16
58F-07																		951	951	128
56F-05																		1060	1060	258
54F-03																		1852	1852	880
52F-01																		1821	1821	881
50F-00																		1831	1831	881
48F-07																		829	829	903
46F-00																		788	788	930
44F-03																		619	619	916
42F-06																		383	383	880
40F-09																		325	325	810
38F-07																		163	163	809
36F-03																		108	108	708
34F-03																		70	70	587
32F-01																		33	33	420
30F-09																		6	6	301
28F-07																		3	3	296
26F-05																		2	2	299
24F-03																				188
22F-08																				96
20F-09																				77
Element (X)	Z X ¹	Z X	X	%	No. Obs.	Mean No. of Hours with Temperature												Total		
Ref. Hum.						± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

GLOBAL CLIMATOLOGY BRANCH
USAFETAS
AIR WEATHER SERVICE/ANMC

PSYCHROMETRIC SUMMARY

72390 VANDENBERG AFB CA
STATION NAME

63-04

YEARS

DEC
MONTH

PAGE 2

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
167 19																				07
167 00																				30
167 13																				13
167 21																				12
167 9																				19
67 7																				19
67 5																				0
66 3																				3
TOTAL	1.828	3.32	2.117	2.110	7.9	4.8	2.9	2.2	1.2	0.7	0.5	0.2	0.1	10711	10712	10712	10711			
Element (X)	2 X'	2 X	X	%	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.	32879832	726986	67.919	0.876	10711	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb	3084300	860922	52.4	7.899	10712		3.1	31.3	6.5	1.0		749								
Wet Bulb	2397396	502102	46.9	6.387	10711		15.4	0.2				749								
Dew Point	18624786	436026	40.7	9.038	10711		132.5					749								

GLOBAL CLIMATOLOGY BRANCH
USAF/AFSC
AIR WEATHER SERVICE/AFSS

PSYCHROMETRIC SUMMARY

63-84

723000 FORTMERRICK AFB CA

STATION

STATION NAME

YEARS

MA
MONTH

PAGE 1

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.	Wet Bulb	Dew Point	D.B./W.B.	Wet Bulb
80.0																	.00	1		.00	1	
79.0																	.00	0		.00	0	
78.0																.00	0.0	10		.00	10	
77.0																.00	2.5	25		.00	25	
76.0																.00	3.9	39		.00	39	
75.0																.00	5.5	55		.00	55	
74.0																.00	5.7	57		.00	57	
73.0																.00	10.2	102		.00	102	
72.0																.00	12.9	129		.00	129	
71.0																.00	17.8	178		.00	178	
70.0																.00	25.0	250		.00	250	
69.0																.00	38.0	380		.00	380	
68.0																.00	50.0	500		.00	500	
67.0																.00	84.3	843		.00	843	7
66.0																.00	186.7	1867		.00	1867	0
65.0																.00	282.9	2829		.00	2829	20
64.0																.00	366.7	3667		.00	3667	33
63.0																.00	488.6	4886		.00	4886	70
62.0																.00	688.1	6881		.00	6881	164
61.0																.00	891.7	8917		.00	8917	320
60.0																.00	1197.0	11970		.00	11970	578
59.0																.00	1481.0	14810		.00	14810	700
58.0																.00	1530.0	15300		.00	15300	845
57.0																.00	1615.0	16150		.00	16150	926
56.0																.00	1690.0	16900		.00	16900	1002
55.0																.00	1757.0	17570		.00	17570	1072
54.0																.00	1817.0	18170		.00	18170	1137
53.0																.00	1870.0	18700		.00	18700	1192
52.0																.00	1917.0	19170		.00	19170	1237
51.0																.00	1957.0	19570		.00	19570	1272
50.0																.00	1990.0	19900		.00	19900	1307
49.0																.00	2017.0	20170		.00	20170	1337
48.0																.00	2037.0	20370		.00	20370	1362
47.0																.00	2050.0	20500		.00	20500	1382
46.0																.00	2057.0	20570		.00	20570	1407
45.0																.00	2057.0	20570		.00	20570	1427
44.0																.00	2050.0	20500		.00	20500	1442
43.0																.00	2037.0	20370		.00	20370	1455
42.0																.00	2017.0	20170		.00	20170	1465
41.0																.00	2000.0	20000		.00	20000	1472
40.0																.00	1987.0	19870		.00	19870	1475
39.0																.00	1967.0	19670		.00	19670	1475
38.0																.00	1940.0	19400		.00	19400	1465
37.0																.00	1907.0	19070		.00	19070	1455
36.0																.00	1867.0	18670		.00	18670	1442
35.0																.00	1817.0	18170		.00	18170	1427
34.0																.00	1757.0	17570		.00	17570	1407

Element (X)	2 X		X	%	No. Obs.	Mean No. of Hours with Temperature					Total
	0 F	32 F				67 F	80 F	93 F			
Rel. Hum.											
Dry Bulb											
Wet Bulb											
Dew Point											

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/AMC

PSYCHROMETRIC SUMMARY

63-84

WAMBERGERS AFB CA

MAA

YEARS

STATION NAME

NORTH

PAGE 2

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL Wet Bulb	TOTAL Dry Bulb	TOTAL 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	27-28	29-30
32/ 50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	69	69	857
30/ 64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	23	1616
28/ 87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5	5	1070
26/ 88	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	3	830
20/ 83																	6	6	940
22/ 81																	1	1	829
20/ 80																			850
18/ 87																			136
16/ 85																			79
10/ 83																			38
12/ 81																			22
10/ 9																			22
8/ 9																			19
6/ 5																			8
4/ 3																			3
TOTAL	1.001	629.017	610.5	5.1	3.0	1.7	1.1	0.6	0.4	0.3	0.2	0.1	0.1	0.1	0.0	0.0	123050	123086	123050

Element (X)	Σ X ²	Σ X	Σ X ²	No. Obs.	Mean No. of Hours with Temperature					Total	
					≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F		≥ 93 F
Rel. Hum.	709206322	2136140	73.016	918	123050						
Dry Bulb	30808071	6939909	56.0	7.396	123086	7.0	629.7	185.6	50.5	3.0	8760
Wet Bulb	33082611	6356051	51.3	5.897	123050	32.6	23.6	2.1			8760
Dew Point	279537370	5808118	46.9	7.602	123050	488.2	4.3				8760

31006 CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/WAC

RELATIVE HUMIDITY

72300 STATION **VANDENBERG AFB CA** PERIOD **69-89** MONTH **JAN**

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%			
JAN	00-01	100.0	100.0	99.5	96.2	90.1	80.6	65.3	48.2	36.8	28.6	75.6	929
	03-05	100.0	100.0	99.2	96.7	92.4	82.2	67.3	49.8	37.7	28.7	73.7	932
	06-08	100.0	99.9	99.1	96.3	90.4	79.1	64.7	42.3	34.7	24.4	74.4	1285
	09-11	99.9	98.9	94.5	82.8	69.4	55.2	40.8	28.2	20.7	13.1	63.1	1780
	12-14	100.0	97.5	91.3	78.5	61.1	46.0	29.2	14.5	3.6	57.9	1706	
	15-17	100.0	98.9	95.9	88.9	76.1	61.4	41.9	19.8	6.0	64.6	1692	
	18-20	100.0	100.0	99.2	96.7	91.5	82.5	68.9	45.2	33.1	75.5	1136	
	21-23	100.0	100.0	99.1	96.8	91.2	81.1	68.3	50.1	37.7	76.2	1089	
TOTALS		100.0	99.4	97.2	91.6	82.8	71.0	55.8	36.1	12.3	70.4	10073	

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

721000 STATION WANDENBERG AFB CA PERIOD 60-80 MONTH FEB

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	99.5	97.1	91.5	82.8	76.7	58.5	20.7	78.5	899
	03-05	100.0	100.0	99.9	98.7	93.4	87.0	75.8	57.0	18.5	78.6	853
	06-08	100.0	100.0	99.8	97.9	91.9	83.8	71.3	50.1	19.1	77.3	1001
	09-11	100.0	99.5	95.9	86.6	78.3	60.2	44.5	29.9	8.5	68.3	1004
	12-24	100.0	98.4	94.4	84.8	70.2	53.2	31.0	11.5	2.1	60.4	1006
	15-17	100.0	99.2	97.0	91.6	84.0	71.1	49.8	17.7	3.9	67.2	1001
	18-20	100.0	99.9	99.1	97.5	93.7	87.9	79.4	51.1	9.8	77.6	973
	21-23	100.0	100.0	99.7	96.9	93.4	86.2	78.3	59.8	17.1	78.7	906
TOTALS		100.0	99.6	98.2	93.9	86.6	76.8	63.8	41.3	12.8	73.0	9003

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72190 STATION VANDENBERG AFB CA PERIOD 6-8-84 MONTH MAR

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	08-02	100.0	100.0	99.6	98.4	95.9	91.6	82.4	57.9	17.6	80.1	926
	03-05	100.0	100.0	100.0	99.1	96.9	91.4	81.9	50.7	17.8	80.5	940
	06-08	100.0	100.0	99.9	98.2	94.3	87.1	76.8	54.1	19.6	78.9	1305
	09-11	100.0	99.8	97.3	90.2	78.8	64.1	42.1	12.3	5.5	65.5	1209
	12-14	100.0	99.2	96.4	90.6	80.1	60.4	31.1	10.4	2.3	62.8	1734
	15-17	100.0	99.4	98.6	96.2	91.4	76.0	46.0	15.2	3.5	68.5	1727
	18-20	100.0	100.0	99.6	98.9	97.9	94.0	82.2	48.4	8.3	77.9	1078
	21-23	100.0	100.0	99.5	98.2	95.8	93.3	86.3	57.9	16.0	80.3	1003
TOTALS		100.0	99.8	98.9	96.2	91.4	82.2	66.1	39.2	11.3	74.3	10812

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/AMC

RELATIVE HUMIDITY

722100 STATION VANDENBERG AFB CA PERIOD 68-88 MONTH APR

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	99.4	98.3	96.9	92.1	89.8	68.3	23.3	82.3	984
	03-05	100.0	100.0	99.7	98.9	96.9	92.2	85.0	67.4	23.7	82.2	982
	06-08	100.0	100.0	99.8	98.3	93.4	85.5	72.7	48.1	18.4	77.6	1319
	09-11	100.0	99.6	97.5	93.8	82.1	61.6	36.9	13.9	3.6	64.5	1073
	12-14	100.0	99.6	98.4	94.2	89.3	59.7	29.1	5.9	1.5	62.5	1006
	15-17	100.0	100.0	99.5	97.4	90.7	73.4	39.5	9.5	1.5	66.8	1030
	18-20	100.0	100.0	99.9	99.6	97.5	90.9	79.3	39.6	8.1	77.4	1025
	21-23	100.0	100.0	99.9	99.4	97.7	92.9	86.0	63.7	16.9	81.5	959
TOTALS		100.0	99.9	99.2	97.4	92.5	81.0	63.5	39.6	12.1	74.3	10096

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/WAC

RELATIVE HUMIDITY

72398 STATION VANDENBERG AFB CA STATION NAME 64-84 PERIOD MAY MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.		
		10%	20%	30%	40%	50%	60%	70%	80%	90%					
MAY	00-02	100.0	100.0	99.9	99.4	99.4	98.4	97.3	96.6	95.4	94.5	93.3	92.4	91.6	90.6
	03-05	100.0	100.0	100.0	99.4	99.3	98.5	96.6	95.3	94.0	92.8	91.6	90.6	89.4	88.4
	06-08	100.0	99.9	99.7	98.9	97.6	94.6	83.9	72.1	60.3	48.5	36.7	24.9	13.1	1.3
	09-11	100.0	99.8	99.5	97.6	93.1	78.9	48.4	20.6	6.7	2.0	0.3	0.1	0.1	0.1
	12-14	100.0	99.9	99.3	98.3	94.6	72.3	33.8	8.4	1.4	0.3	0.1	0.1	0.1	0.1
	15-17	100.0	99.9	99.6	98.6	95.7	83.2	47.7	12.9	2.0	0.3	0.1	0.1	0.1	0.1
	18-20	100.0	99.9	99.6	99.2	98.7	97.0	88.3	48.5	11.8	2.0	0.3	0.1	0.1	0.1
	21-23	100.0	100.0	99.9	99.4	99.4	99.0	96.7	70.1	23.7	6.7	2.0	0.3	0.1	0.1
TOTALS		100.0	99.9	99.7	98.9	97.2	90.3	74.1	47.0	16.3	2.0	0.3	0.1	0.1	0.1

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72398 STATION VANDENBERG AFB CA STATION NAME 6-8-84 PERIOD JUN MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%			
	00-02	100.0	100.0	100.0	100.0	99.9	99.2	98.8	85.7	81.6		88.5	882
	03-05	100.0	100.0	100.0	99.8	99.9	98.7	98.2	86.3	99.0		89.0	908
	06-08	100.0	99.8	99.6	98.9	98.1	96.4	88.0	69.0	32.6		83.7	1347
	09-11	100.0	99.7	99.0	98.5	96.0	85.2	55.2	23.5	7.2		72.8	1658
	12-14	100.0	99.7	99.1	98.6	96.2	78.8	37.5	8.3	1.1		68.0	1657
	15-17	100.0	99.7	99.4	98.8	97.4	86.9	52.8	19.2	1.7		71.2	1446
	18-20	100.0	100.0	99.9	99.8	99.7	98.5	92.4	52.3	11.1		81.4	1007
	21-23	100.0	100.0	100.0	100.0	100.0	99.7	99.5	79.4	29.8		88.9	984
TOTALS		100.0	99.9	99.6	99.3	98.3	92.9	77.8	51.7	21.8		80.2	9889

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/WAC

RELATIVE HUMIDITY

723930 STATION NAME: WANDENBERG AFB CA PERIOD: 64-84 MONTH: JUL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	00-02	100.0	100.0	100.0	100.0	100.0	99.8	99.2	92.8	38.5	88.9	930
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	98.1	98.1	933
	06-08	100.0	100.0	100.0	100.0	99.8	98.8	95.1	81.5	63.2	87.7	1059
	09-11	100.0	100.0	100.0	99.9	98.6	91.1	69.2	34.6	8.1	76.2	1065
	12-20	100.0	100.0	100.0	99.7	98.2	85.4	41.9	5.6	.5	69.3	1057
	15-27	100.0	100.0	100.0	99.8	98.3	90.6	58.5	12.5	.6	78.2	1051
	18-20	100.0	100.0	100.0	100.0	100.0	99.0	93.4	63.5	10.6	82.8	1037
	21-23	100.0	100.0	100.0	100.0	99.9	99.7	99.4	88.3	27.9	87.6	996
TOTALS		100.0	100.0	100.0	99.9	99.4	95.6	82.1	59.3	22.2	81.9	10828

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

721928 STATION

VANDENBERG AFB CA STATION NAME

68-88 PERIOD

AMS MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%			
AMS	00-02	100.0	100.0	100.0	100.0	99.9	99.8	99.7	93.8	85.9		89.5	855
	03-05	100.0	100.0	100.0	100.0	100.0	99.8	99.5	95.9	52.8		90.5	953
	06-08	100.0	100.0	100.0	99.9	99.6	98.7	95.9	82.6	46.5		88.2	1090
	09-11	100.0	100.0	99.9	99.5	97.7	89.7	65.1	36.6	10.1		75.8	1707
	12-14	100.0	100.0	100.0	99.6	96.6	83.2	36.5	4.6			68.0	1780
	15-17	100.0	100.0	100.0	99.9	98.5	91.6	66.6	13.3	.2		72.2	1096
	18-20	100.0	100.0	100.0	100.0	99.9	99.3	95.0	68.1	10.9		83.5	1876
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	99.0	89.8	29.7		87.8	1021
TOTALS		100.0	100.0	100.0	99.9	99.0	95.3	80.9	60.3	20.5		81.9	10198

10000

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

723930
 STATION

VANDENBERG AFB CA
 STATION NAME

63-89

PERIOD

SEP
 MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%			
SEP	00-02	100.0	99.4	98.8	97.3	95.8	94.0	90.7	76.0	28.2		84.0	962
	03-05	100.0	99.4	98.3	97.1	95.1	93.5	91.1	76.7	33.1		84.5	909
	06-08	100.0	99.3	98.0	96.5	94.4	91.8	87.2	70.0	34.6		83.1	892
	09-11	99.3	98.0	95.4	92.5	87.9	76.7	54.6	31.1	10.1		70.6	1732
	12-14	99.7	98.2	96.8	93.7	87.0	71.1	38.5	10.4	1.7		65.7	1735
	15-17	99.9	98.8	97.6	95.5	91.7	80.0	53.9	19.7	1.4		69.9	1806
	18-20	100.0	99.9	98.7	97.5	95.2	93.5	85.3	56.8	12.2		80.2	1862
	21-23	100.0	99.9	99.4	97.8	95.9	94.0	90.7	71.0	24.4		83.3	1886
TOTALS		99.9	99.1	97.9	96.0	92.9	86.8	74.0	51.5	18.2		77.7	10129

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72308 STATION POWERSBURG AFB GA STATION NAME 61-88 PERIOD OCT MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	99.8	95.9	92.7	88.2	85.3	78.0	60.0	23.6	78.3	953
	03-05	100.0	99.8	95.1	91.4	87.9	83.5	77.0	58.8	24.1	78.7	956
	06-08	100.0	98.8	94.7	90.4	85.7	80.7	72.7	53.7	22.1	75.8	822
	09-11	99.9	94.3	88.2	81.5	73.3	60.6	39.4	19.3	6.8	62.3	1747
	12-14	99.8	95.4	91.1	85.0	79.6	57.3	28.3	8.1	1.0	60.0	8786
	15-17	100.0	98.1	93.9	91.7	85.9	75.5	39.3	16.4	2.3	67.5	1673
	18-20	100.0	99.7	98.1	95.8	92.4	88.4	80.1	48.7	13.4	78.9	1154
	21-23	100.0	99.8	98.1	94.9	90.3	85.6	79.2	61.8	20.5	79.0	1989
TOTALS		100.0	98.2	94.5	90.4	84.7	77.1	63.0	40.8	14.2	72.3	10739

1629

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

723930 STATION WOODBRIDGE AFB CA 63-89 PERIOD MONTH NOV

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%			
NOV	00-01	100.0	100.0	99.7	96.8	91.6	84.6	79.1	55.9	16.8		77.7	905
	03-05	100.0	100.0	99.0	96.3	90.2	82.7	72.9	54.2	16.1		76.9	902
	06-08	100.0	99.8	98.2	93.6	86.9	78.4	65.9	46.3	15.4		74.3	1890
	09-11	100.0	97.6	90.7	80.6	66.7	51.9	34.8	18.1	4.8		60.4	1089
	12-14	100.0	97.3	90.6	81.5	65.6	49.1	23.6	8.4	1.5		57.8	1089
	15-17	100.0	99.4	96.5	92.9	85.4	72.3	49.7	20.3	3.2		67.8	1679
	18-20	100.0	100.0	99.5	98.7	94.6	89.5	79.4	54.3	12.9		78.9	1099
	21-23	100.0	100.0	99.7	97.7	92.7	86.6	77.1	60.4	18.1		79.1	1803
TOTALS		100.0	99.3	96.7	92.3	84.2	73.8	59.7	39.7	11.1		71.5	10286

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

727018 STATION

WANDENBERG AFB TX STATION NAME

63-84 PERIOD

DEC MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	99.7	98.2	96.8	91.7	81.6	65.1	47.6	19.2	75.7	937
	03-05	100.0	99.9	98.4	96.9	91.9	81.8	65.2	49.7	20.8	74.3	936
	06-08	100.0	99.8	98.7	95.2	88.6	76.6	60.0	49.7	19.8	73.8	1286
	09-11	100.0	99.2	91.9	80.9	67.5	50.0	36.0	19.9	6.6	68.7	1157
	12-14	100.0	97.8	87.9	78.1	57.5	40.8	24.7	11.3	2.8	55.8	1757
	15-17	100.0	99.1	93.2	87.8	76.5	62.7	49.9	22.0	5.9	65.1	1738
	18-20	100.0	99.7	97.7	95.9	89.9	80.6	67.8	46.9	17.8	75.3	1169
	21-23	100.0	99.8	98.5	95.2	91.5	82.9	68.5	49.8	19.5	76.3	1136
TOTALS		100.0	99.1	95.8	90.2	81.9	69.6	58.0	35.3	13.1	69.6	10711

1690

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

723910 STATION NAME WAINWRIGHT AFB GA PERIOD 43-84 MONTH ALL

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	ALL	100.0	99.3	97.2	91.6	82.8	71.0	55.8	36.1	12.3		78.0	10073
FEB		100.0	99.0	98.2	93.9	86.6	76.5	63.4	51.3	12.4		73.0	9983
MAR		100.0	99.0	98.9	96.2	91.4	82.2	68.1	59.2	11.3		70.3	10012
APR		100.0	99.9	99.2	97.4	92.5	81.0	63.5	39.6	12.1		74.3	10096
MAY		100.0	99.9	99.7	98.9	97.2	90.3	74.1	47.0	16.3		78.4	10106
JUN		100.0	99.9	99.6	99.3	98.3	92.9	77.8	51.7	21.8		80.2	9989
JUL		100.0	100.0	100.0	99.9	99.4	95.6	82.1	59.3	22.2		81.9	10120
AUG		100.0	100.0	100.0	99.9	99.0	95.3	80.9	60.3	24.3		81.9	10398
SEP		99.9	99.1	97.9	96.0	92.9	86.8	74.0	51.5	18.2		77.7	10729
OCT		100.0	98.2	96.5	90.4	84.7	77.1	63.0	40.8	14.2		72.3	10739
NOV		100.0	99.3	96.7	92.3	84.2	73.8	59.7	39.7	11.1		71.5	10806
DEC		100.0	99.1	95.8	90.2	81.9	69.6	54.0	35.1	11.3		69.6	10711
TOTALS		100.0	99.5	98.1	95.5	90.9	82.7	67.9	49.2	15.8		75.5	129850

U S AIR FORCE
 ENVIRONMENTAL TECHNICAL
 APPLICATIONS CENTER

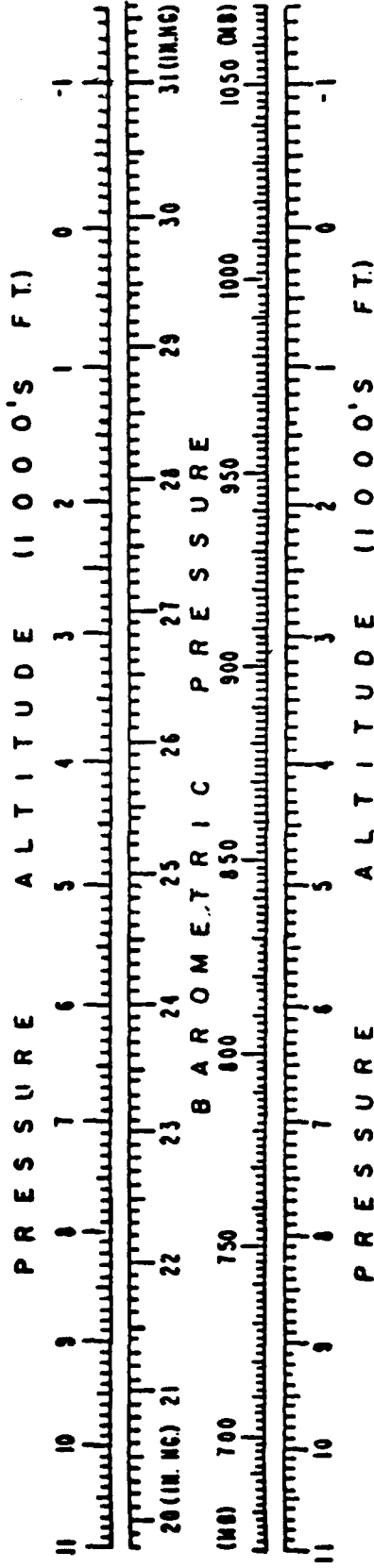
PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

- NOTES: Station pressure not reported for all services until late in 1945.
 Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
 METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

63-84

723930 VANDENBERG AFB CA

STATION

STATION NAME

YEARS

HRS. (L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN	29.69329	66729	69829	63429	88629	93729	84429	52329	50729	58529	60129	29.602
	S. D.	.126	.123	.111	.093	.087	.071	.048	.065	.076	.083	.117	.116
	TOTAL OBS	288	226	250	242	253	291	249	290	291	288	271	3130
04	MEAN	29.68929	65129	63129	60829	57629	52829	53829	51529	50029	57029	63329	29.591
	S. D.	.129	.121	.108	.097	.082	.066	.047	.063	.075	.082	.117	.114
	TOTAL OBS	310	284	313	300	314	303	310	318	322	317	300	3703
07	MEAN	29.69229	67429	65029	63929	58729	55329	56429	55329	53029	59929	65829	29.604
	S. D.	.131	.121	.118	.093	.084	.070	.057	.067	.078	.079	.113	.108
	TOTAL OBS	321	289	328	338	503	489	492	535	544	526	344	5065
10	MEAN	29.71829	69629	68729	64829	60429	56829	58029	57029	55129	62429	68429	29.634
	S. D.	.134	.130	.130	.096	.082	.069	.056	.066	.077	.080	.113	.116
	TOTAL OBS	566	519	588	559	567	554	555	569	578	582	563	6782
13	MEAN	29.66329	66229	63329	63529	59329	56529	57529	55729	52929	59129	63929	29.608
	S. D.	.132	.131	.130	.090	.082	.071	.058	.066	.079	.080	.114	.110
	TOTAL OBS	587	461	517	494	501	493	492	536	549	550	533	6187
16	MEAN	29.65429	63929	60729	60629	57429	54729	55029	53029	50429	57329	62529	29.588
	S. D.	.132	.127	.127	.092	.079	.070	.056	.065	.076	.079	.112	.110
	TOTAL OBS	561	514	577	556	563	547	553	564	574	580	561	6729
19	MEAN	29.68129	66129	63929	62129	58029	53629	54529	51829	50729	58429	64329	29.598
	S. D.	.134	.123	.118	.091	.085	.071	.050	.063	.077	.084	.111	.116
	TOTAL OBS	317	261	296	279	289	273	284	329	358	354	336	3729
22	MEAN	29.70529	68329	65929	64229	60329	55429	56129	53729	52329	59829	66029	29.618
	S. D.	.132	.120	.114	.093	.082	.068	.050	.065	.077	.082	.110	.115
	TOTAL OBS	370	312	343	332	345	330	341	351	382	380	361	4224
ALL HOURS	MEAN	29.68529	66729	63929	62929	58929	55129	56029	54229	52229	59229	64929	29.607
	S. D.	.133	.127	.123	.094	.083	.071	.056	.068	.079	.083	.115	.114
	TOTAL OBS	3200	2866	3239	3100	3335	3230	3276	3492	3598	3577	3269	39549

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HRS FROM HOURLY OBSERVATIONS

723939 VANDENBERG AFS CA 63-84

HRS. (L.S.T.)	STATION NAME												ANNUAL	
	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.		
01	MEAN	019.4	018.5	017.9	017.0	015.7	013.9	014.2	013.4	012.9	015.9	017.6	018.6	1016.2
	S. D.	0.303	0.128	0.754	3.332	2.831	2.321	1.628	2.238	2.595	2.791	3.955	4.570	3.948
	TOTAL OBS	310	283	312	302	315	301	310	320	321	318	302	312	3706
04	MEAN	019.2	017.9	017.2	016.4	015.3	013.6	013.9	013.1	012.6	015.0	017.2	018.4	1015.8
	S. D.	0.398	0.139	0.704	3.326	2.825	2.258	1.620	2.178	2.593	2.816	3.998	4.620	3.931
	TOTAL OBS	310	284	313	300	314	303	310	318	321	317	301	312	3703
07	MEAN	019.5	018.7	017.7	017.3	015.7	014.5	014.8	014.4	013.7	016.0	018.1	019.1	1016.3
	S. D.	0.471	0.072	0.005	3.327	2.818	2.363	1.937	2.219	2.668	2.682	3.831	4.508	3.724
	TOTAL OBS	380	346	389	397	565	549	553	561	574	555	373	386	5628
10	MEAN	020.1	019.4	018.0	017.7	016.2	014.9	015.4	015.0	014.3	016.8	018.9	020.1	1017.2
	S. D.	0.617	0.480	0.440	3.279	2.830	2.370	1.931	2.226	2.693	2.739	3.846	4.514	3.993
	TOTAL OBS	960	518	585	559	567	554	555	569	578	582	561	564	6752
13	MEAN	018.4	018.2	017.2	017.2	015.9	014.8	015.1	014.9	013.6	015.7	017.4	018.2	1016.3
	S. D.	0.529	0.393	0.375	3.162	2.758	2.362	1.934	2.202	2.698	2.689	3.833	4.478	3.746
	TOTAL OBS	961	518	579	554	563	553	553	567	578	581	561	561	6729
16	MEAN	017.9	017.4	016.3	016.3	015.2	014.2	014.3	013.6	012.7	015.1	016.9	017.8	1015.6
	S. D.	0.560	0.377	0.350	3.148	2.718	2.402	1.918	2.192	2.627	2.705	3.801	4.452	3.768
	TOTAL OBS	954	514	577	555	563	547	552	564	574	580	559	556	6695
19	MEAN	019.0	018.2	017.2	016.6	015.4	014.0	014.2	013.3	012.9	015.5	017.6	018.6	1016.0
	S. D.	0.553	0.118	0.038	3.163	2.785	2.365	1.677	2.123	2.618	2.818	3.768	4.525	3.937
	TOTAL OBS	379	316	358	339	351	333	345	360	386	385	366	385	4303
22	MEAN	019.7	018.9	018.1	017.5	016.2	014.5	014.7	013.9	013.4	016.0	018.1	019.2	1016.7
	S. D.	0.513	0.105	0.095	3.172	2.798	2.353	1.698	2.184	2.647	2.824	3.782	4.519	3.956
	TOTAL OBS	372	312	343	332	344	330	341	350	383	380	361	378	4226
ALL HOURS	MEAN	019.1	018.4	017.4	017.0	015.7	014.4	014.7	014.0	013.3	015.7	017.8	018.7	1016.3
	S. D.	0.568	0.377	0.185	3.268	2.814	2.392	1.892	2.283	2.707	2.800	3.894	4.568	3.896
	TOTAL OBS	3426	3091	3456	3338	3582	3470	3519	3609	3715	3698	3384	3454	41742